



# Winter Service Operational Plan 2019 - 2022

October 2019

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## **INTRODUCTION**

This document explains the Council's statutory responsibilities and operational procedures in respect of the management and maintenance of public highways within the borough during the winter period.

Under section 41(1) of the Highways Act 1980, the Council has a statutory duty to maintain public highways. The Council also has a duty under section 41(1) A of the Highways Act 1980 to ensure, so far as is reasonably practicable, that safe passage along a highway is not endangered by snow or ice.

The Traffic Management Act 2004 (England) requires authorities to do all that is reasonably practicable to manage the network effectively to keep traffic moving.

### **The Purpose of the Plan:**

The Winter Service Plan establishes and implements contingency plans for dealing promptly and effectively with unforeseen weather conditions which impact on the public highway network within the borough.

The Winter Service Plan seeks to ensure, so far as reasonably practicable, that traffic on the public highway network keeps moving even in unforeseen weather conditions during the winter period and its safe passage is not endangered by snow and ice. The Plan details arrangements in place to ensure that the Council's statutory duties in respect of the management and maintenance of the highway network is being discharged during the winter period.

### **The Scope of the Plan**

The plan sets out the arrangements for: treatment routes, the use of weather forecasting, personnel, plant and vehicles, communications, salt supply and distribution, performance monitoring, comprehensive details of salting routes, position of salt bins, record keeping and the decision making process which determines when the winter service response is delivered.

The Council will deliver the general winter service response as and when weather conditions dictate to six pre-salting/snow clearance routes and seven retail based locations used by significant numbers of pedestrians.

A limited winter service network known as the resilience network will be treated when extremes of weather or resource shortages require the available resources to be concentrated on maintaining the operation of a minimum transport network. This will be undertaken to support the delivery of key essential services whilst maintaining economic activity where possible.

Requests for a winter service response that fall outside of this plan will only be considered once the requirements of this plan have been delivered and then within the constraints of any available resources.

## Legislative Context

Under section 4(1) of the Highways Act 1980 (the “HA 1980”) the Council as the Local Highway Authority is under a statutory duty *to maintain highways maintainable at public expense*.

Section 111 of the Railways and Transport Safety Act 2003 amended section 41 (1) of the HA 1980 by the addition of section 41(A) which provides:

“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 150 of the Highways Act 1980 puts a responsibility on the highway authority to clear snow from the highway, but only if it is causing an obstruction.

Under Part 2 S16 of the Traffic Management Act 2004 (England) the Council as the Local Traffic Authority is under a statutory duty *to manage the local road network to keep traffic moving*.

*The section states:*

- (1) It is the duty of a local traffic authority to manage their road network with a view to achieving, so far as may be reasonably practicable having regard to their other obligations, policies and objectives, the following objectives:
  - (a) Securing the expeditious movement of traffic on the authority's road network; and
  - (b) Facilitating the expeditious movement of traffic on road networks for which another authority is the traffic authority.
- (2) The action which the authority may take in performing that duty includes, in particular, any action which they consider will contribute to securing:
  - (a) The more efficient use of their road network; or
  - (b) The avoidance, elimination or reduction of road congestion or other disruption to the movement of traffic on their road network or a road network for which another authority is the traffic authority;

and may involve the exercise of any power to regulate or co-ordinate the uses made of any road (or part of a road) in the road network (whether or not the power was conferred on them in their capacity as a traffic authority).

## **Guidance**

In discharging the duties imposed, the Council has considered the recommendations contained within the National Winter Service Research Group practical guide for winter service, March 2019.

Given the scale of financial and other resources involved in delivering the winter Service, it is therefore not reasonable either to:

- Provide the service on all parts of the network
- Ensure running surfaces are kept free of ice or snow at all times, even on the treated parts of the network

## Winter Service Resilience Standards

Overall winter period	1 <sup>st</sup> October to 30 <sup>th</sup> April
Core Winter Period	1 <sup>st</sup> November to 31 <sup>st</sup> March
Days Resilience (Overall Winter Period)	3 Days
Days Resilience (Core Winter Period)	6 Days

Minimum Salt Stocks  
(assume 20g/m<sup>2</sup> spread rate)

	Normal treatment network (tonnes run)	Minimum Stock		
		Full Pre Season Stock (12days/48 runs)	Core Winter Period (6 days 24 runs)	Overall Winter Period (3 days 12 runs)
Carriageway	60	2880	1440	720
<b>Total</b>		<b>2880 tonnes</b>	<b>1400 tonnes</b>	<b>720 tonnes</b>

Council decision Makers	4
Contractor duty officers	5

## **Route treatment information**

### **Resilience Network Route (RNR)**

This route will be given priority during extreme weather conditions and situations where man power, salt stocks, plant and fuel for driving the plant is in short supply.

The primary purpose of this route treatment is to ensure a minimum transport network remains available to support the delivery of key essential services whilst maintaining economic activity where possible.

Because of the significance of activating the RNR, this will be undertaken in consultation with the Council's Resilience team ensuring a joined up approach with Public Health to minimise the impact on vulnerable people.

The route will encompass the vast majority of the boroughs A road network and incorporates access to strategic medical facilities, Gas, Electricity, Water and Communications infrastructure. However, minor variations will exist as a direct consequence of practical issues associated with providing suitable turning facilities for the gritter fleet when road conditions are so extreme that the resilience network treatment has been triggered.

To further improve the initial delivery of this route treatment, the gritter fleet will be located at secure strategic locations such as fire and ambulance stations in order to aid the speedy treatment of this route.

### **General precautionary salting & snow routes**

351Km (218miles) of Walsall's highways will be subject to general precautionary salting and snow clearance out of a total length of highway within the Borough of approximately 856Km (532miles).

There are six general precautionary salting / snow clearance routes:

All routes comprise roads on the primary network and other roads carrying substantial volumes of traffic together with some roads with high risk of early ice formation. The routes include a number of established bus routes in residential areas, important industrial estate roads and road used by heavy commuter traffic at peak periods.

Footways are not routinely treated. However, during periods of snow fall and lying snow, resource is deployed to move snow from footways in eight retail based locations used by significant numbers of pedestrians.

General residential estate roads, public rights of way and car parks are not routinely treated.

Coordination with the Council's Resilience team is an integral part of the delivery of the winter service response, with a strategic overview undertaken throughout the season.

## **Schools**

Given the importance of the winter service in maintaining accessibility to schools, the provision of salt bins is offered to all schools within the borough on a cost recovery basis.

## **Waste collection routes**

During snow fall and following the gritting of all scheduled routes, should resources be available they will be deployed to treat waste collection routes that are due for collection the following day.

## **Response times**

All winter service personnel and plant are available on stand-by throughout the core winter period 1 November to 31 March.

- Completion of mobilisation following notification by the Decision Maker : 1 Hour
- Completion of route treatment following mobilisation :4 Hours

## **Salt**

Salt is stored in a purpose built salt barn at Apex Road Depot and used on a last in first out basis. To ensure appropriate spread rates continue to be applied to the road network, testing for particle size is undertaken by a UKAS accredited laboratory and localised testing of moisture content is undertaken throughout the winter season. Loading is by mechanical shovel which includes a weighing mechanism.

Salt stock will be managed in accordance with the resilience standards identified in this plan.

The Council will routinely notify the Department for Transport of its salt stock levels. At times of national salt shortage, the Department will direct the distribution of salt stocks to regions of the Country in most need.

## **Spread Rates**

When undertaking precautionary salting for ice or treatment for snow, salt will be applied to all roads detailed in the operational plan at the spread rates determined by the decision maker.

During prolonged periods of snow it will be necessary to plough continuously from the onset to prevent build-up and compaction by traffic. Such ploughing should be combined with simultaneous salting as directed by the decision maker. However, once snow depths of 100mm have been reached, or when tackling snowdrifts, or when vehicles are operating on gradients, ploughing without salting may be permitted to allow the weight of the salt load to aid vehicle traction.



## Personnel

### Staff Rotas

The council maintains rotas of staff on call outside normal office hours. Robust arrangements are in place to supply staff resource when necessary. Contact will be by telephone (landline or mobile) plus email.

### Single/Double Manning Routes

All salt spreading vehicles are single manned except when heavy snowfall occurs.

### Safe Working Practices

All operations will comply with relevant codes of practice and HSE regulations including the working time directives.

### Training Arrangements

The Council's highways maintenance contractor will ensure that all employees who drive winter maintenance vehicles hold the City and Guilds Winter Maintenance Operator's Certificate.

Further training is made available from time to time usually arising from service, legislative or operational procedure changes.

### Operation Snowfall

A training exercise for all winter service personnel is held on one Saturday in October. This exercise is used to demonstrate the treatment routes are still suitable for the gritter fleet to travel along and all plant, machinery and personnel are in a state of readiness for the winter season.

## PLANT AND VEHICLES

### Fleet Inventory (Summary)

7	No	Quick change bodied gritter lorries
1	No	1.5 Tonne gritting body hopper
6	No	Hand spreaders

Fuel is stored at the Apex Road Depot but may also be obtained from commercial suppliers if necessary.

## Weather Forecasts

Detailed weather forecast information is provided by the Councils service provider MetDesk. Detailed forecast information is made available to the decision maker to assist with determining the appropriate winter service response.

The decision maker will be available 24 hours per day to receive forecasts and to consult with the meteorological consultant.

In normal circumstances, the following forecasts will be received, monitored and acted upon, as appropriate, by the decision maker:

<u>No</u>	<u>TARGET TIMES</u>	<u>INFORMATION</u>
1	07:30 hours	Morning summary
2	12:30 hours	24 hour and 2 - 5 day text forecast for the West Midlands
3	16:30 hours	Site specific temperature and dew point forecast graphs & text forecasts with probability

- Any dramatic changes, for example, snow or wash-off, is reported to the decision maker immediately, at whatever time this occurs.
- Significant weather changes will be notified to the decision maker via a pager communications system.

Significant weather changes are defined as:

- i. When the road surface minimum temperature is between plus 5 degrees Celsius and minus 5 degrees Celsius, a temperature difference of more than 2 degrees Celsius is sustained for more than one hour between the forecast temperature curve and the actual temperature curve;
- ii. When there is a change of road frost status (from non-forecast to forecast or vice versa);
- iii. When there is a change of snow status (from non-forecast to forecast or vice versa).

A network of "ICELERT" automatic sensors located within the borough and wider West Midlands region provide real time information to the decision maker to aid their decision making.

# **Resilience Network Route**

**RESILIENCE NETWORK ROUTE**



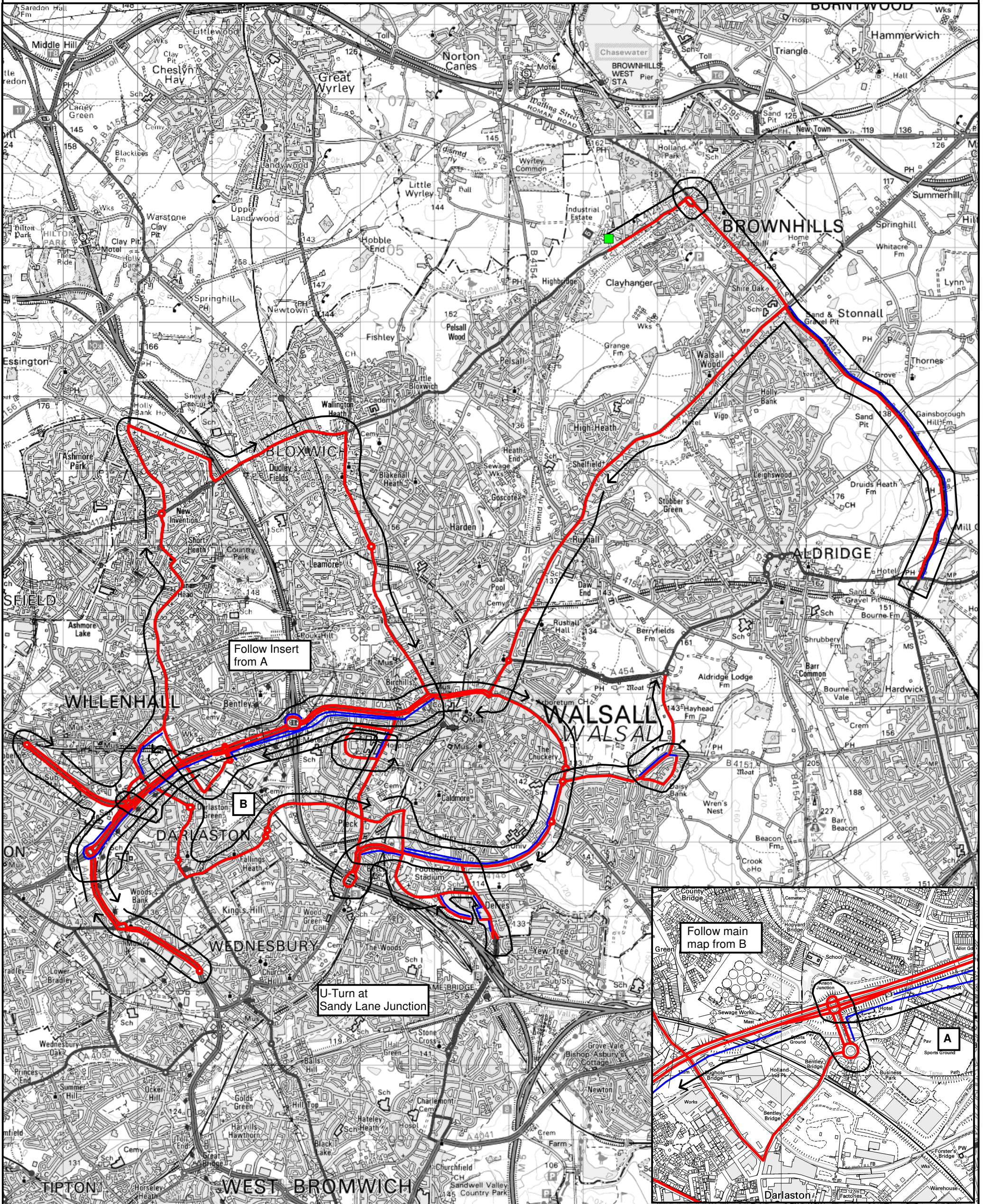
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# **Precautionary Salting & Snow** **Routes**

## **Routes 1 – 6**



# Walsall Council, Route 1,



<b>SALT (KM):</b>	76.9	<b>DEAD (KM):</b>	19.3	<b>TOTAL (KM):</b>	96.2	<b>TIME (HRS):</b>	2:50	Underlying map base reproduced from Ordnance Survey digital map data. Ordnance Survey © Crown Copyright. All rights reserved. Licence number 100019529. Route design and artwork © Vaisala Ltd 2013.	Scale: 1:45000 Drawn By: J. Wilson	Vaisala Limited Vaisala House 349 Bristol Road Birmingham B5 7SW UK <a href="http://www.vaisala.com">www.vaisala.com</a> <a href="mailto:trafficweatherconsulting@vaisala.com">trafficweatherconsulting@vaisala.com</a>
<b>EFF (%):</b>	80	<b>VEHICLE SIZE</b>	9Cu	<b>CLIMATIC DOMAIN</b>	N/A	<b>THERMAL CATEGORY</b>	N/A			



**DEPOT : APEX ROAD  
ROUTE NUMBER : 01**

Out of depot, TURN LEFT and begin treatment

<b>GRIT</b>	A4124 Pelsall Road to A4124/A452 r/b (circulate r/b)	<b>TURN RIGHT</b>
<b>GRIT</b>	A452 High Street, Chester Road to A461	<b>STRAIGHT</b>
<b>TRAVEL</b>	A452 Chester Road to A454 Aldridge Road	<b>U-TURN</b>
<b>GRIT</b>	A452 Chester Road to A461 Lichfield Road	<b>TURN LEFT</b>
<b>GRIT</b>	A461 Lichfield Road, Walsall Road, Lichfield Road to A454 r/b (circulate r/b)	<b>TURN RIGHT</b>
<b>GRIT</b>	A461 Lichfield Street to A4148	<b>TURN RIGHT</b>
<b>GRIT</b>	A4148 Littleton Street West, Blue Lane West, Wolverhampton Street, Wolverhampton Road to M6/A454 r/b	<b>STRAIGHT</b>
<b>GRIT</b>	A454 Black Country Route to A454/A4444/A463 r/b	<b>TURN LEFT</b>
<b>GRIT</b>	A4444 Black Country New Road to A4444/A4038/A41 r/b	<b>STRAIGHT</b>
<b>GRIT</b>	A41 Black Country New Road to A41/Patent Shaft r/b	<b>U- TURN</b>
<b>GRIT</b>	A41 Black Country New Road to A4444/A4038/A41 r/b	<b>STRAIGHT</b>
<b>GRIT</b>	A4444 Black Country New Road to A463/A4444 r/b	<b>TURN RIGHT</b>
<b>GRIT</b>	A454 Black Country Route to M6/M454 r/b	<b>STRAIGHT</b>
<b>GRIT</b>	A454 Wolverhampton Road, Wolverhampton Street, A4148 Blue Lane West, Court Way, Littleton Street West, Broadway North, Broadway, Broadway West, Wallows Lane to A461 Bescot Road	<b>TURN LEFT</b>
<b>GRIT</b>	A461 Bescot Road to M6/A461 r/b	<b>U-TURN</b>
<b>GRIT</b>	A461 Bescot Road to A4148 Wallows Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	A4148 Wallows Lane, Broadway West to Bescot Crescent	<b>STRAIGHT</b>

**(Continued...)**

**WALSALL  
COUNCIL**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 01 (continued)**

<b>TRAVEL</b>	A4148 Broadway West to A4031 West Bromwich Road	<b>TURN RIGHT</b>
<b>GRIT</b>	A4031 West Bromwich Road, Walsall Road to Sandy Lane	<b>U-TURN</b>
<b>GRIT</b>	A4031 Walsall Road, West Bromwich Road to end of dual c-way section	<b>STRAIGHT</b>
<b>TRAVEL</b>	A4031 West Bromwich Road to Brockhurst Crescent	<b>TURN LEFT</b>
<b>GRIT</b>	Brockhurst Crescent to Talke Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Talke Road to Fullbrook Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Fullbrook Road to A4031 West Bromwich Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	A4031 West Bromwich Road to Walstead Road West	<b>TURN LEFT</b>
<b>GRIT</b>	Walstead Road West to Brockhurst Crescent	<b>TURN LEFT</b>
<b>GRIT</b>	Brockhurst Crescent to narrow bollards	<b>U-TURN</b>
<b>TRAVEL</b>	Brockhurst Crescent to Walstead Road West	<b>TURN LEFT</b>
<b>GRIT</b>	Walstead Road West, Bescot Crescent to A4148 Broadway West	<b>TURN LEFT</b>
<b>TRAVEL</b>	A4148 Broadway West, Wallows Lane to A4148 Bescot Road	<b>TURN RIGHT</b>
<b>GRIT</b>	A4148 Bescot Road, Old Pleck Road, Pleck Road to Moat Road	<b>TURN LEFT</b>
<b>GRIT</b>	Moat Road to Alumwell Road	<b>TURN LEFT</b>
<b>GRIT</b>	Alumwell Road, Ida Road to A4148 Pleck Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	A4148 Pleck Road to Moat Road (on left)	<b>STRAIGHT</b>
<b>GRIT</b>	A4148 Pleck Road to A454	<b>FILTER /TURN LEFT</b>
<b>TRAVEL</b>	A454 Wolverhampton Road to M6/A454 r/b	<b>STRAIGHT</b>
<b>TRAVEL</b>	A454 Black Country Route to off slip for Marshland Way	<b>TURN LEFT</b>
<b>GRIT</b>	Off slip to Marshland Way r/b (circulate r/b)	<b>TURN LEFT</b>

**(Continued...)**



**DEPOT : APEX ROAD  
ROUTE NUMBER : 01 (continued)**

<b>GRIT</b>	Marshland Way to Bentley Road South r/b	<b>U-TURN</b>
<b>GRIT</b>	Marshland Way to Marshland Way r/b	<b>TURN LEFT</b>
<b>GRIT</b>	A454 on slip to A454 Black Country Route	<b>STRAIGHT</b>
<b>TRAVEL</b>	A454 Black Country Route to A454 Keyway Junction r/b off slip	<b>TURN LEFT</b>
<b>GRIT</b>	Off slip to Keyway Junction r/b (circulate r/b)	<b>STRAIGHT</b>
<b>GRIT</b>	A454 on slip to A454 Black Country Route	<b>STRAIGHT</b>
<b>TRAVEL</b>	A454 Black Country Route to A4444/A463 r/b	<b>U-TURN</b>
<b>TRAVEL</b>	A454 Black Country Route to A454 The Keyway off slip	<b>TURN LEFT</b>
<b>GRIT</b>	Off slip to Keyway Junction r/b	<b>TURN LEFT</b>
<b>GRIT</b>	A454 The Keyway to A454/B4464 r/b	<b>U-TURN</b>
<b>GRIT</b>	A454 The Keyway to Keyway Junction r/b	<b>TURN LEFT</b>
<b>GRIT</b>	A463 Armstrong Way to Owen Road r/b	<b>TURN LEFT</b>
<b>GRIT</b>	A462 Owen Road to A462 Bilston Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	A462 Bilston Lane, Shepwell Green to B4464	<b>TURN LEFT</b>
<b>GRIT</b>	A462 Crescent Road, Clarkes Lane, Sandbeds Road, High Road, Straight Road, Coltham Road, Wesley Road to Coppice Lane r/b	<b>TURN RIGHT</b>
<b>GRIT</b>	A462 Cannock Road to Lichfield Road r/b	<b>STRAIGHT</b>
<b>GRIT</b>	A462 Essington Road to Sneyd Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Sneyd Lane, Crab Lane to A4124	<b>TURN LEFT</b>
<b>GRIT</b>	A4124 Lichfield Road, Sneyd Lane, Bell Lane to A34	<b>TURN RIGHT</b>
<b>GRIT</b>	A34 High Street, Somerfield Road, Green Lane, Upper Green Lane, Green Lane to A4148 Blue Lane West	<b>TURN RIGHT</b>

**(Continued...)**

**WALSALL  
COUNCIL**

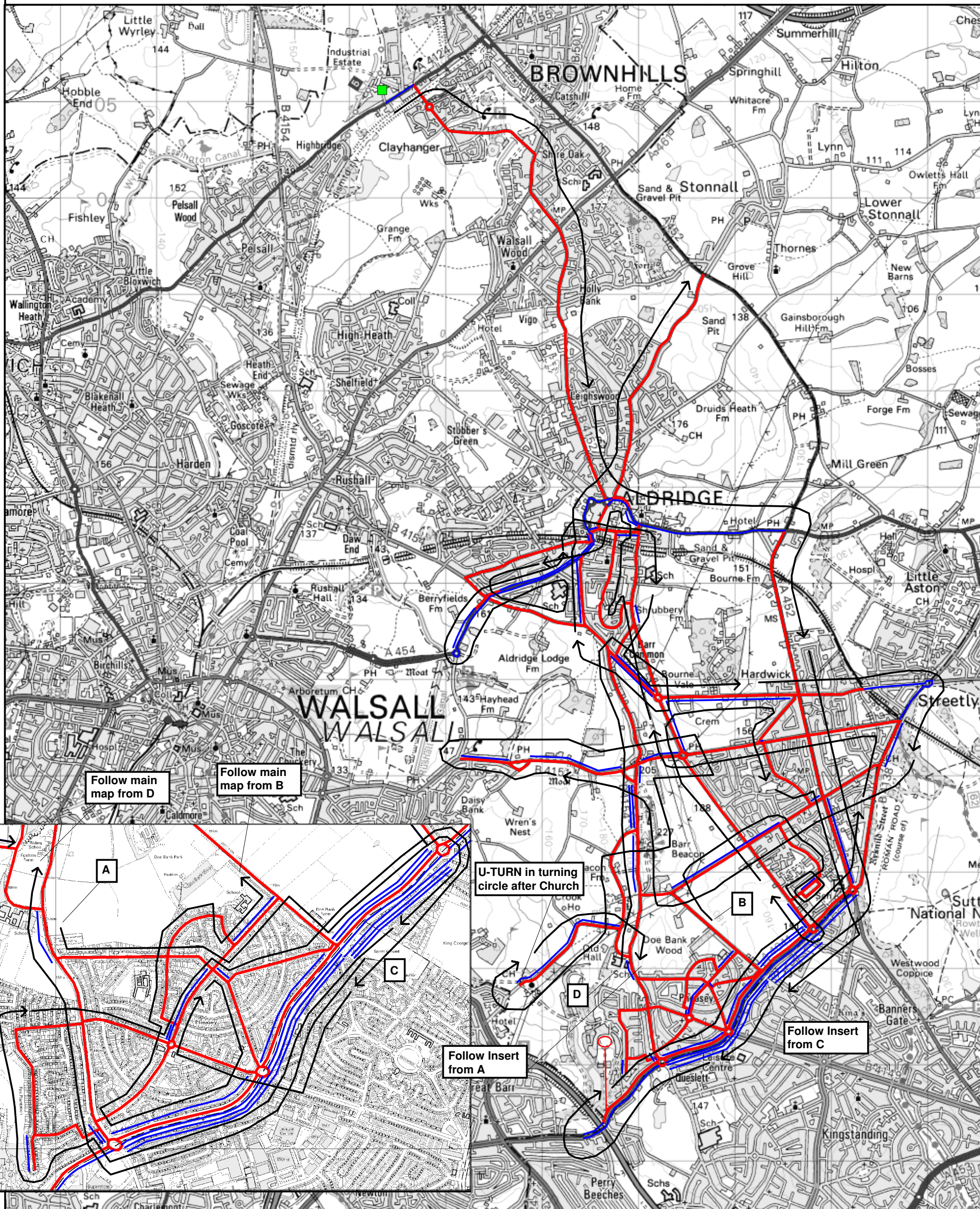
**DEPOT : APEX ROAD  
ROUTE NUMBER : 01 (continued)**

<b>TRAVEL</b>	A4148 Blue Lane West, A454 Wolverhampton Street, Wolverhampton Road to M6/A454 r/b	<b>STRAIGHT</b>
<b>TRAVEL</b>	A454 Black Country Route to Marshland Way off slip	<b>TURN LEFT</b>
<b>TRAVEL</b>	Off slip to Marshland Way r/b	<b>TURN LEFT</b>
<b>TRAVEL</b>	Marshland Way to Bentley Road South r/b	<b>TURN RIGHT</b>
<b>GRIT</b>	Bentley Road South to Willenhall Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Willenhall Road, The Crescent to A462 Shepwell Green	<b>TURN LEFT</b>
<b>TRAVEL</b>	A462 Shepwell Green, Bilston Lane to Owen Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	A462 Owen Road to Owen Road r/b	<b>STRAIGHT</b>
<b>GRIT</b>	A462 Midland Road to The Green r/b	<b>TURN RIGHT</b>
<b>GRIT</b>	A462 The Green, Blockall Close, St Lawrence Way to A4038	<b>TURN LEFT</b>
<b>GRIT</b>	A4038 Walsall Road, Darlaston Road, Wednesbury Road to Bescot Crescent	<b>TURN RIGHT</b>
<b>GRIT</b>	Bescot Crescent to A4148 Broadway West	<b>TURN LEFT</b>
<b>TRAVEL</b>	A4148 Broadway West, Broadway, Broadway North to B4151 Sutton Road r/b	<b>TURN RIGHT</b>
<b>GRIT</b>	B4151 Sutton Road to Longwood Lane	<b>STRAIGHT</b>
<b>TRAVEL</b>	B4151 Sutton Road to Fallowfield Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Fallowfield Road to Daffodil Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Daffodil Road to B4151 Sutton Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	B4151 Sutton Road to Longwood Lane	<b>TURN LEFT</b>
<b>GRIT</b>	Longwood Lane to A454 Walsall Road r/b	

**End of Route. Return to Depot**



# Walsall Council, Route 2,



<b>SALT (KM):</b>	58.9	<b>DEAD (KM):</b>	33.0	<b>TOTAL (KM):</b>	91.9	<b>TIME (HRS):</b>	2:51	Underlying map base reproduced from Ordnance Survey digital map data. Ordnance Survey © Crown Copyright. All rights reserved. Licence number 100019529. Route design and artwork © Vaisala Ltd 2013.	Scale: 1:35000 Drawn By: J. Wilson	Vaisala Limited Vaisala House 349 Bristol Road Birmingham B5 7SW UK <a href="http://www.vaisala.com">www.vaisala.com</a> <a href="mailto:trafficweatherconsulting@vaisala.com">trafficweatherconsulting@vaisala.com</a>
<b>EFF (%):</b>	64	<b>VEHICLE SIZE</b>	6Cu	<b>CLIMATIC DOMAIN</b>	N/A	<b>THERMAL CATEGORY</b>	N/A			



**DEPOT : APEX ROAD  
ROUTE NUMBER : 02**

Out of depot, **TURN LEFT** and proceed to junction of A4124 Pelsall Road and Clayhanger Lane

<b>GRIT</b>	Clayhanger Lane, Bridge Street, Clayhanger Road to B4152 Lindon Road	<b>TURN RIGHT</b>
<b>GRIT</b>	B4152 Lindon Road, Brownhills Road, Salters Road, Northgate to A454 r/b	<b>TURN LEFT</b>
<b>GRIT</b>	A454 Little Aston Road to end of Dual-C-Way section	<b>STRAIGHT</b>
<b>TRAVEL</b>	A454 Little Aston Road to A452 Chester Road r/b	<b>TURN RIGHT</b>
<b>GRIT</b>	A452 Chester Road to A4041 Queslett Road East r/b	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A4041 Queslett Road East, Queslett Road to Walsall Boundary	<b>STRAIGHT</b>
<b>TRAVEL</b>	A4041 Queslett Road to safe turning point	<b>U-TURN</b>
<b>TRAVEL</b>	A4041 Queslett Road to Walsall Boundary	<b>STRAIGHT</b>
<b>GRIT</b>	A4041 Queslett Road to Netherhall Avenue	<b>TURN LEFT</b>
<b>GRIT</b>	Netherhall Avenue to Horseshoe Crescent	<b>TURN LEFT</b>
<b>GRIT</b>	Horseshoe Crescent to Netherhall Avenue	<b>TURN LEFT</b>
<b>GRIT</b>	Netherhall Avenue to A4041 Queslett Road	<b>TURN LEFT</b>
<b>GRIT</b>	A4041 Queslett Road to A452 Chester Road /B4138 Thornhill Road r/b	<b>STRAIGHT</b>
<b>GRIT</b>	B4138 Thornhill Road to B4151 Foley Road East	<b>TURN LEFT</b>
<b>GRIT</b>	B4151 Foley Road East, Foley Road West to Erdington Road r/b	<b>TURN RIGHT</b>
<b>GRIT</b>	Erdington Road to Whetstone Lane	<b>TURN LEFT</b>
<b>GRIT</b>	Whetstone Lane to Portland Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Portland Road to Erdington Road	<b>TURN LEFT</b>
<b>GRIT</b>	Erdington Road to A454 Little Ashton Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	A454 Little Ashton Road to B4152 Northgate/Anchor Road/High Street r/b	<b>TURN 2<sup>nd</sup> LEFT</b>
<b>GRIT</b>	Anchor Road to Portland Road	<b>TURN RIGHT</b>

*(Route Cards for Version 1 Route Maps, September 2013) Page 1*

**(Continued...)**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 02 (continued)**

<b>GRIT</b>	Portland Road to A454 Walsall Road	<b>TURN LEFT</b>
<b>GRIT</b>	A454 Walsall Road to Station Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Station Road, Red House Lane to B4154 Bosty Lane	<b>TURN LEFT</b>
<b>GRIT</b>	B4154 Bosty Lane to Birmingham Road	<b>TURN LEFT</b>
<b>GRIT</b>	Birmingham Road to A454 Walsall Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	A454 Walsall Road to A454 Aldridge Road/Longwood Lane r/b	<b>U-TURN</b>
<b>TRAVEL</b>	A454 Walsall Road to start of multi lane section	<b>STRAIGHT</b>
<b>GRIT</b>	A454 Walsall Road to end of multi lane section	<b>STRAIGHT</b>
<b>TRAVEL</b>	A454 Walsall Road to Portland Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Portland Road to Whetstone Lane	<b>STRAIGHT</b>
<b>TRAVEL</b>	Portland Road to Erdington Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Erdington Road to Whetstone Lane	<b>STRAIGHT</b>
<b>TRAVEL</b>	Erdington Road to Knights Hill	<b>TURN RIGHT</b>
<b>GRIT</b>	Knights Hill to Barr Common Road	<b>TURN LEFT</b>
<b>GRIT</b>	Barr Common Road to Little Harwick Road r/b (2 <sup>nd</sup> exit)	<b>STRAIGHT</b>
<b>GRIT</b>	Little Hardwick Road to Birmingham City Council Boundary	<b>STRAIGHT</b>
<b>TRAVEL</b>	Hardwick Road to B4138/B4152 r/b	<b>TURN RIGHT</b>
<b>TRAVEL</b>	B4138 Thornhill Road to Manor Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Manor Road, Bridle Lane to B4154 Beacon Road	<b>TURN RIGHT</b>
<b>GRIT</b>	B4154 Beacon Road to Little Johnson's Lane	<b>TURN LEFT</b>
<b>GRIT</b>	Little Johnson's Lane to B4151 Sutton Road	<b>TURN LEFT</b>

**(Continued...)**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 02 (continued)**

<b>GRIT</b>	B4151 Sutton Road to Sutton Road (1st)	<b>TURN LEFT</b>
<b>GRIT</b>	Sutton Road to Sutton Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Sutton Road to B4151 Sutton Road	<b>TURN LEFT</b>
<b>GRIT</b>	B4151 Sutton Road to Walsall Boundary	<b>U-TURN</b>
<b>TRAVEL</b>	B4151 Sutton Road to Sutton Road (1st)	<b>STRAIGHT</b>
<b>GRIT</b>	B4151 Sutton Road to Sutton Road (2nd)	<b>STRAIGHT</b>
<b>TRAVEL</b>	B4151 Sutton Road to Little Johnson's Lane	<b>STRAIGHT</b>
<b>GRIT</b>	B4151 Sutton Road, Beacon Hill to B4154/B4151 r/b	<b>U-TURN</b>
<b>TRAVEL</b>	B4151 Beacon Hill to B4154 Beacon Road	<b>TURN LEFT</b>
<b>GRIT</b>	B4154 Beacon Road to Little Johnson's Lane	<b>STRAIGHT</b>
<b>TRAVEL</b>	B4154 Beacon Road to Pinfold Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Pinfold Lane, Chapel Lane to turning circle immediately after St Margaret Church (on left)	<b>U-TURN</b>
<b>TRAVEL</b>	Chapel Lane, Pinfold Lane to Old Hall Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Old Hall Lane to B4154 Beacon Road	<b>TURN RIGHT</b>
<b>GRIT</b>	B4154 Beacon Road to Wimperis Way	<b>TURN LEFT</b>
<b>GRIT</b>	Wimperis Way, Bonnington Way to Frampton Way	<b>TURN LEFT</b>
<b>GRIT</b>	Frampton Way to Doe Bank Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Doe Bank Lane to A4041 Queslett Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	A4041 Queslett Road to Bakers Lane/Aldridge Road r/b	<b>U-TURN</b>
<b>TRAVEL</b>	A4041 Queslett Road to B4154 r/b	<b>TURN RIGHT</b>
<b>GRIT</b>	B4154 Beacon Road to Moreton Avenue	<b>TURN LEFT</b>

**(Continued...)**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 02 (continued)**

<b>GRIT</b>	Moreton Avenue to Stonehurst Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Stonehurst Road to Ivanhoe Road	<b>TURN LEFT</b>
<b>GRIT</b>	Ivanhoe Road to Foxwood Avenue	<b>TURN LEFT</b>
<b>GRIT</b>	Foxwood Avenue to end	<b>U-TURN</b>
<b>TRAVEL</b>	Foxwood Avenue to Park Farm Road	<b>TURN LEFT</b>
<b>GRIT</b>	Park Farm Road to Waverley Avenue	<b>TURN RIGHT</b>
<b>GRIT</b>	Waverley Avenue, Collingwood Drive to Hillingford Avenue r/b	<b>TURN LEFT</b>
<b>GRIT</b>	Hillingford Avenue to Romney Way	<b>TURN RIGHT</b>
<b>GRIT</b>	Romney Way to Stanhope Way	<b>TURN LEFT</b>
<b>GRIT</b>	Stanhope Way, Queslett Road to Doe Bank Lane	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Doe Bank Lane to A4041 Queslett Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	A4041 Queslett Road to Bakers Lane/Aldridge Road r/b	<b>U-TURN</b>
<b>TRAVEL</b>	A4041 Queslett Road to A4041/B4149 r/b (4 <sup>th</sup> exit)	<b>TURN RIGHT</b>
<b>GRIT</b>	Collingwood Drive to Hillingford Avenue r/b	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Hillingford Avenue to Romney Way	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Romney Way to Stanhope Way (on left)	<b>STRAIGHT</b>
<b>GRIT</b>	Romney Way to A4041/B4149 r/b (4 <sup>th</sup> exit)	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A4041 Queslett Road to A4041/B4154 r/b	<b>TURN RIGHT</b>
<b>TRAVEL</b>	B4154 Beacon Road to Moreton Avenue (on left)	<b>STRAIGHT</b>
<b>GRIT</b>	B4154 Beacon Road to Hillingford Avenue	<b>TURN RIGHT</b>
<b>GRIT</b>	Hillingford Avenue to Collingwood Drive r/b	<b>STRAIGHT</b>
<b>TRAVEL</b>	Hillingford Avenue to Raeburn Road	<b>TURN LEFT</b>

**(Continued...)**

**WALSALL  
COUNCIL**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 02 (continued)**

<b>GRIT</b>	Raeburn Road to Pomeroy Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Pomeroy Road, (STRAIGHT over Wimperis Way) to Stanfield Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Stanfield Road to Frampton Way	<b>TURN LEFT</b>
<b>TRAVEL</b>	Frampton Way to Doe Bank Lane	<b>TURN LEFT</b>
<b>GRIT</b>	Doe Bank Lane to Bridle Lane	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Bridle Lane to Hundred Acre Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Hundred Acre Road to Brabham Crescent (2nd)	<b>TURN LEFT</b>
<b>GRIT</b>	Brabham Crescent to Hundred Acre Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	Hundred Acre Road to Brabham Crescent	<b>STRAIGHT</b>
<b>GRIT</b>	Hundred Acre Road to Aldridge Road	<b>TURN LEFT</b>
<b>GRIT</b>	Aldridge Road to A4041 r/b	<b>U-TURN</b>
<b>TRAVEL</b>	Aldridge Road to Hundred Acre Road	<b>STRAIGHT</b>
<b>GRIT</b>	Aldridge Road to B4151 r/b	<b>STRAIGHT</b>
<b>TRAVEL</b>	Erdington Road to Little Hardwick Road r/b	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Little Hardwick Road to Wood Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Wood Lane to B4151 Foley Road West	<b>TURN LEFT</b>
<b>TRAVEL</b>	B4151 Foley Road West to Blackwood Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Blackwood Road, Ferndale Road to Bridle Lane	<b>TURN LEFT</b>
<b>TRAVEL</b>	Bridle Lane to A452 Chester Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A452 Chester Road to A4041/A452/B4138 r/b	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A4041 Queslett Road East, Queslett Road to B4151 Beacon	<b>TURN RIGHT</b>

**(Continued...)**



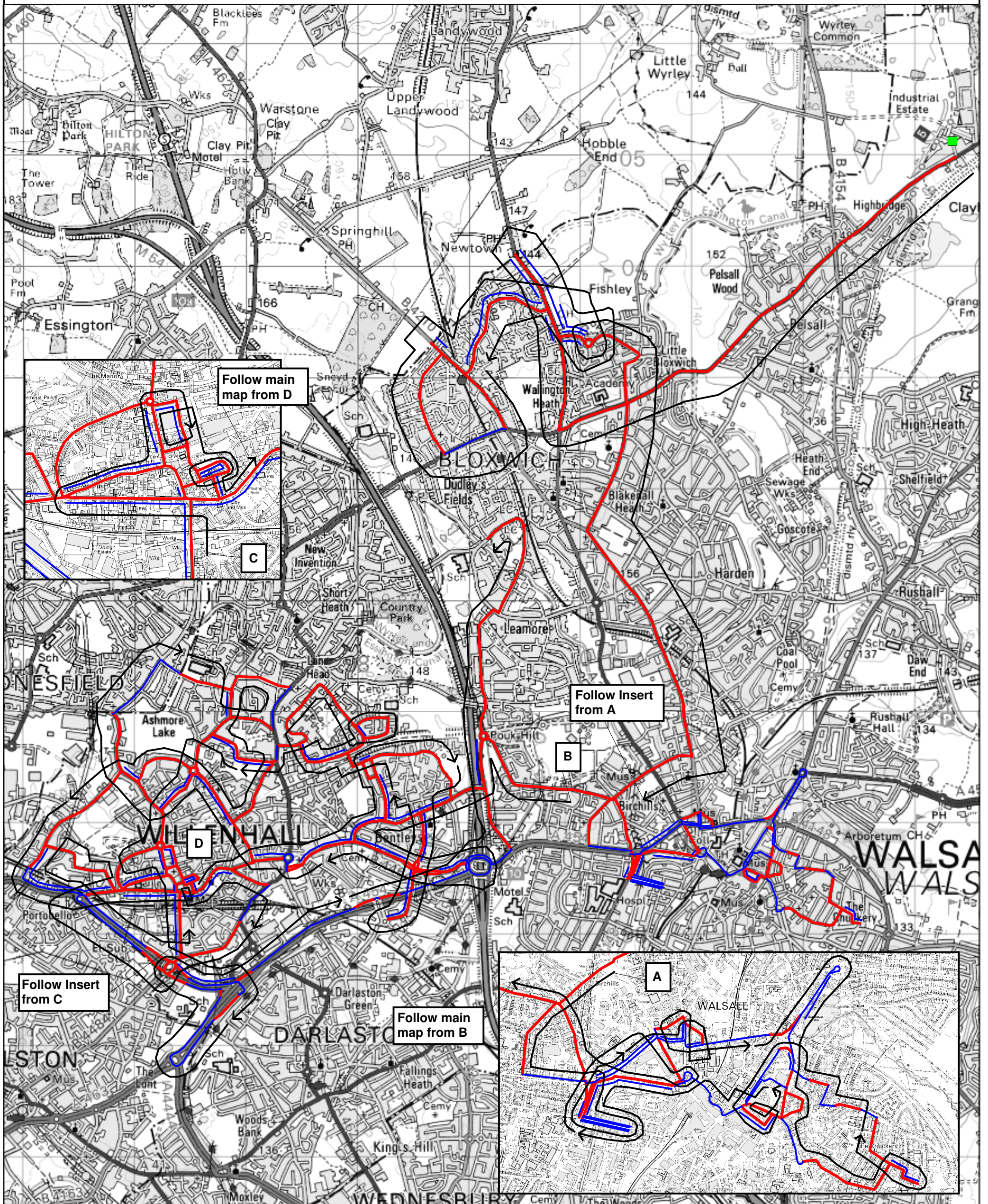
**DEPOT : APEX ROAD  
ROUTE NUMBER : 02 (continued)**

<b>TRAVEL</b>	B4154 Beacon Road to Hillingford Avenue (on right)	<b>STRAIGHT</b>
<b>GRIT</b>	B4154 Beacon Road to Wimperis Way (on right)	<b>STRAIGHT</b>
<b>TRAVEL</b>	B4154 Beacon Road to Old Hall Lane (on left)	<b>STRAIGHT</b>
<b>GRIT</b>	B4154 Beacon Road to Bridle Lane (on right)	<b>STRAIGHT</b>
<b>TRAVEL</b>	B4154 Beacon Road to B4151 Sutton Road	<b>STRAIGHT</b>
<b>GRIT</b>	B4154 Longwood Road to Barr Common Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Barr Common Road to Knights Hill (on left)	<b>STRAIGHT</b>
<b>TRAVEL</b>	Barr Common Road to B4154 Erdington Road r/b	<b>U-TURN</b>
<b>TRAVEL</b>	Barr Common Road to B4154 Longwood Road (on left)	<b>STRAIGHT</b>
<b>GRIT</b>	B4154 Barr Common Road to Birmingham Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Birmingham Road to A454 Walsall Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A454 Walsall Road, Anchor Road Bypass, Little Aston Road to Walsall Wood Road	<b>TURN LEFT</b>
<b>GRIT</b>	Walsall Wood Road to Lazy Hill Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Lazy Hill Road to A452 Chester Road	

**End of Route. Return to Depot**



# Walsall Council, Route 3,



<b>SALT (KM):</b>	54.1	<b>DEAD (KM):</b>	33.0	<b>TOTAL (KM):</b>	87.1	<b>TIME (HRS):</b>	2:42	Underlying map base reproduced from Ordnance Survey digital map data. Ordnance Survey © Crown Copyright. All rights reserved. Licence number 100019529. Route design and artwork © Vaisala Ltd 2013.	Scale: 1:35000 Drawn By: J. Wilson	Vaisala Limited Vaisala House 349 Bristol Road Birmingham B5 7SW UK <a href="http://www.vaisala.com">www.vaisala.com</a> <a href="mailto:trafficweatherconsulting@vaisala.com">trafficweatherconsulting@vaisala.com</a>
<b>EFF (%):</b>	62	<b>VEHICLE SIZE</b>	6Cu	<b>CLIMATIC DOMAIN</b>	N/A	<b>THERMAL CATEGORY</b>	N/A			



**DEPOT : APEX ROAD  
ROUTE NUMBER : 03**

Out of depot, TURN RIGHT and begin treatment

<b>GRIT</b>	A4124 Pelsall Road, Lichfield Road, Wolverhampton Road, Lichfield Road to A34	<b>TURN RIGHT</b>
<b>GRIT</b>	A34 Stafford Road to Staffordshire County Boundary	<b>U-TURN (at drivers discretion)</b>
<b>TRAVEL</b>	A34 Stafford Road to start of Turnberry Road junction splitter	<b>STRAIGHT</b>
<b>GRIT</b>	A34 Stafford Road to end of Turnberry Road junction splitter	<b>STRAIGHT</b>
<b>TRAVEL</b>	A34 Stafford Road to Sanstone Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	Sanstone Road to Buxton Road r/b	<b>U-TURN</b>
<b>TRAVEL</b>	Sanstone Road to A34 Stafford Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A34 Stafford Road to Turnberry Road	<b>TURN LEFT</b>
<b>GRIT</b>	Turnberry Road to B4120	<b>TURN LEFT</b>
<b>GRIT</b>	B4120 Broad Lane to A4124 Sneyd Lane	<b>TURN RIGHT</b>
<b>TRAVEL</b>	B4124 Sneyd Lane to Cresswell Crescent	<b>TURN RIGHT</b>
<b>GRIT</b>	Cresswell Crescent to B4120	<b>TURN LEFT</b>
<b>GRIT</b>	B4210 Broad Lane to Staffordshire County Boundary	<b>U-TURN (at drivers discretion)</b>
<b>TRAVEL</b>	B4210 Broad Lane to Turnberry Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	Turnberry Road to A34 Stafford Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A34 Stafford Road to Sanstone Road	<b>TURN LEFT</b>
<b>GRIT</b>	Sanstone Road circulate Buxton Road r/b	<b>TURN LEFT</b>

**(Continued...)**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 03 (continued)**

<b>GRIT</b>	Buxton Road to Stoney Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Stoney Lane to Selmans Hill	<b>TURN LEFT</b>
<b>GRIT</b>	Selmans Hill, Field Road, Pinfold to B4210	<b>TURN LEFT</b>
<b>GRIT</b>	B4210 High Street, Bloxwich Road to Hospital Street	<b>TURN RIGHT</b>
<b>GRIT</b>	Hospital Street, Old Birchills to Bentley Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Bentley Lane to Pargeter Street	<b>TURN LEFT</b>
<b>GRIT</b>	Pargeter Street to A454 Wolverhampton Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	A454 Wolverhampton Road to A4148 Pleck Road	<b>TURN RIGHT</b>
<b>GRIT</b>	A4148 Pleck Road to Bridgeman Street	<b>TURN LEFT</b>
<b>TRAVEL</b>	Bridgeman Street to Augustus Street (on left)	<b>U-TURN</b>
<b>TRAVEL</b>	Bridgeman Street to A4148 Pleck Road	<b>TURN RIGHT</b>
<b>GRIT</b>	A4148 Pleck Road to A454	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A454 Wolverhampton Street, A4148 Blue Lane West, Court Way to B4210	<b>TURN LEFT</b>
<b>TRAVEL</b>	B4210 Stafford Street to Day Street	<b>TURN RIGHT</b>
<b>GRIT</b>	Day Street, Wisemore to A4148 Court Way	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A4148 Court Way to B4210	<b>TURN RIGHT</b>
<b>TRAVEL</b>	B4210 Stafford Street to Day Street	<b>STRAIGHT</b>
<b>GRIT</b>	B4210 Stafford Street to Blue Lane East	<b>TURN LEFT</b>
<b>GRIT</b>	Blue Lane East to A34 Green Lane	<b>TURN LEFT</b>
<b>TRAVEL</b>	A34 Green Lane to A4148	<b>TURN LEFT</b>
<b>TRAVEL</b>	A4148 Court Way, Littleton Street West to A461 Filter Lane	<b>TURN LEFT</b>

**(Continued...)**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 03 (continued)**

<b>GRIT</b>	Start of Filter Lane to A461 Lichfield Street	<b>STRAIGHT</b>
<b>TRAVEL</b>	A461 Lichfield Street to A454 Mellish Road r/b	<b>U-TURN</b>
<b>TRAVEL</b>	A461 Lichfield Street to A4148	<b>STRAIGHT</b>
<b>TRAVEL</b>	Lower Rushall Street to Walhouse Road (on left)	<b>STRAIGHT</b>
<b>GRIT</b>	Lower Rushall Street to Holtshill Lane	<b>TURN LEFT</b>
<b>GRIT</b>	Holtshill Lane to Union Street	<b>TURN RIGHT</b>
<b>GRIT</b>	Union Street to Wedge Street	<b>TURN RIGHT</b>
<b>GRIT</b>	Wedge Street, Warewell Street to Ablewell Street	<b>TURN LEFT</b>
<b>TRAVEL</b>	Ablewell Street to Pool Street r/b	<b>TURN LEFT</b>
<b>GRIT</b>	Pool Street, Box Street, Burleigh Street, Kinnerley Street to Lumley Road	<b>TURN LEFT</b>
<b>GRIT</b>	Lumley Road to Chuckery Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Chuckery Road to Willows Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Willows Road to Prince's Avenue	<b>U-TURN</b>
<b>TRAVEL</b>	Willows Road to Chuckery Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	Chuckery Road to Lumley Road	<b>STRAIGHT</b>
<b>GRIT</b>	Chuckery Road to Tong Street	<b>TURN RIGHT</b>
<b>GRIT</b>	Tong Street to Lincoln Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	Lincoln Road to Calder Avenue (on right)	<b>STRAIGHT</b>
<b>GRIT</b>	Lincoln Road to Paddock Lane (on left)	<b>STRAIGHT</b>
<b>TRAVEL</b>	Holtshill Lane to Rowley Street	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Rowley Street to Walhouse Road	<b>TURN LEFT</b>

**(Continued...)**

**WALSALL  
COUNCIL**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 03 (continued)**

<b>GRIT</b>	Walhouse Road to Persehouse Street	<b>STRAIGHT</b>
<b>TRAVEL</b>	Walhouse Road to Lower Rushall Street	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Lower Rushall Street to Lichfield Street left hand Filter Lane	<b>TURN LEFT</b>
<b>GRIT</b>	Left hand Filter Lane to Lichfield Street	<b>STRAIGHT</b>
<b>TRAVEL</b>	Lichfield Street to Bridge Street	<b>STRAIGHT</b>
<b>GRIT</b>	Bridge Street, Freer Street to Goodall Street	<b>TURN LEFT</b>
<b>GRIT</b>	Goodall Street to Bridge Street	<b>TURN LEFT</b>
<b>GRIT</b>	Bridge Street to Freer Street	<b>TURN LEFT</b>
<b>TRAVEL</b>	Freer Street to Goodall Street	<b>TURN LEFT</b>
<b>TRAVEL</b>	Goodall Street to Bridge Street	<b>TURN RIGHT</b>
<b>GRIT</b>	Bridge Street to Lower Rushall Street	<b>TURN LEFT</b>
<b>GRIT</b>	Lower Russell Street to Whittimere Street	<b>TURN LEFT</b>
<b>TRAVEL</b>	Whittimere Street to Intown Row	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Intown Row to Lichfield Street	<b>TURN LEFT</b>
<b>TRAVEL</b>	Lichfield Street to Bridge Street	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Bridge Street to St Pauls Street	<b>TURN RIGHT</b>
<b>TRAVEL</b>	St Pauls Street to Hatherton Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	St Pauls Street to Townend Street r/b	<b>TURN LEFT</b>
<b>GRIT</b>	Townend Street, Wolverhampton Street to A4148 Wolverhampton Road	<b>TURN LEFT</b>
<b>GRIT</b>	A4148 Wolverhampton Road to A4148 Pleck Road	<b>TURN LEFT</b>
<b>GRIT</b>	A4148 Pleck Road to Pleck Road traffic lights filter junction	<b>STRAIGHT</b>

**(Continued...)**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 03 (continued)**

<b>TRAVEL</b>	A4148 Pleck Road to Bridgeman Street	<b>TURN LEFT</b>
<b>TRAVEL</b>	Bridgeman Street to Augustus Street (on left)	<b>U-TURN</b>
<b>TRAVEL</b>	Bridgeman Street to A4148 Pleck Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A4148 Pleck Road to A454 Filter Road (on left)	<b>STRAIGHT</b>
<b>GRIT</b>	A4148 Pleck Road to A4148 Wolverhampton Street	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A4148 Wolverhampton Street, Blue Lane West to A34 Green Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Green Lane to Townend Street	<b>TURN LEFT</b>
<b>GRIT</b>	Townend Street to St Pauls Street r/b	<b>U-TURN</b>
<b>TRAVEL</b>	Townend Street, Wolverhampton Street to A4148	<b>TURN LEFT</b>
<b>TRAVEL</b>	A4148 Wolverhampton Street to Hollyhedge Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Hollyhedge Lane, Bentley Lane to Bloxwich Lane r/b	<b>TURN LEFT</b>
<b>GRIT</b>	Bloxwich Lane to Churchill Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Churchill Road to B4464 Wolverhampton Road West	<b>TURN LEFT</b>
<b>GRIT</b>	B4464 Wolverhampton Road West to M6/A454 r/b	<b>U-TURN</b>
<b>TRAVEL</b>	B4464 Wolverhampton Road West to start of dual c-way section	<b>STRAIGHT</b>
<b>GRIT</b>	B4464 Wolverhampton Road West to end of dual c-way section	<b>STRAIGHT</b>
<b>TRAVEL</b>	B4464 Wolverhampton Road West to Churchill Road (on right)	<b>STRAIGHT</b>
<b>GRIT</b>	B4464 Wolverhampton Road West to A462 Crescent Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A462 Crescent Road to B4464 Walsall Road	<b>TURN LEFT</b>
<b>GRIT</b>	B4464 Walsall Road to Albion Street	<b>TURN RIGHT</b>
<b>GRIT</b>	Albion Street, St Anne's Road to Bloxwich Road South r/b	<b>TURN LEFT</b>

**(Continued...)**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 03 (continued)**

<b>GRIT</b>	Bloxwich Road South to B4484 r/b	<b>TURN RIGHT</b>
<b>GRIT</b>	B4484 Wednesfield Road, Wellington Place, Fibbersley to Broad Lane South (on right)	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Broad Lane South to Pool Haynes Lane	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Pool Haynes Lane to boundary	<b>STRAIGHT</b>
<b>GRIT</b>	Pool Haynes Lane to Lucknow Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Lucknow Road to Spring Lane	<b>TURN LEFT</b>
<b>GRIT</b>	Spring Lane to A462 High Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	A462 High Road to Mill Lane	<b>TURN LEFT</b>
<b>GRIT</b>	Mill Lane to Lucknow Road	<b>TURN LEFT</b>
<b>GRIT</b>	Lucknow Road to Pool Haynes Lane (on right)	<b>STRAIGHT</b>
<b>TRAVEL</b>	Lucknow Road to Spring Lane	<b>STRAIGHT</b>
<b>GRIT</b>	Ashmore Lake Road to Ashmore Lake Way	<b>TURN LEFT</b>
<b>GRIT</b>	Ashmore Lake Way to Charles Street	<b>TURN RIGHT</b>
<b>GRIT</b>	Charles Street, Stringles Lane to St Anne's Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	St Anne's Road to Thorne Road r/b	<b>STRAIGHT</b>
<b>GRIT</b>	Thorne Road to B4484 Wellington Place	<b>TURN RIGHT</b>
<b>TRAVEL</b>	B4484 Wellington Place to Noose Lane r/b	<b>TURN LEFT</b>
<b>GRIT</b>	Noose Lane to boundary	<b>STRAIGHT</b>
<b>TRAVEL</b>	Noose Lane to A454	<b>TURN LEFT</b>
<b>TRAVEL</b>	A454 Willenhall Road to B4464 Somerford Place r/b	<b>TURN LEFT</b>
<b>GRIT</b>	B4464 Somerford Place, New Road to B4464/B4157 r/b	<b>STRAIGHT</b>

**(Continued...)**



**DEPOT : APEX ROAD  
ROUTE NUMBER : 03 (continued)**

<b>GRIT</b>	B4464 Walsall Road to Hall Street	<b>TURN LEFT</b>
<b>GRIT</b>	Hall Street to John Street	<b>TURN LEFT</b>
<b>GRIT</b>	John Street to Cheapside	<b>STRAIGHT</b>
<b>GRIT</b>	Cross Street to Market Place	<b>TURN LEFT</b>
<b>GRIT</b>	Market Place to B4464 New Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	B4464 New Road, Walsall Road to Hall Street	<b>STRAIGHT</b>
<b>GRIT</b>	B4464 Walsall Street to Birmingham Street	<b>TURN RIGHT</b>
<b>GRIT</b>	Birmingham Street to A462 Bilston Lane	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Bilston Lane to A462 Owen Road	<b>STRAIGHT</b>
<b>GRIT</b>	B4590 Bilston Lane to B4590/A454 r/b	<b>TURN RIGHT</b>
<b>GRIT</b>	A454 on slip to A454	<b>STRAIGHT</b>
<b>TRAVEL</b>	A454 The Keyway to B4464 Somerford Place r/b	<b>TURN RIGHT</b>
<b>TRAVEL</b>	B4464 Somerford Place to Summer Street	<b>TURN LEFT</b>
<b>GRIT</b>	Summer Street to Aston Road	<b>TURN LEFT</b>
<b>GRIT</b>	Aston Road to Noose Lane	<b>TURN LEFT</b>
<b>TRAVEL</b>	Noose Lane to A454	<b>TURN LEFT</b>
<b>TRAVEL</b>	A454 Willenhall Road, The Keyway to B4590 off slip	<b>TURN LEFT</b>
<b>GRIT</b>	Off slip to B4590/A454 r/b	<b>TURN LEFT</b>
<b>GRIT</b>	B4590 Bilston Lane to B4157 Rose Hill	<b>TURN LEFT</b>
<b>GRIT</b>	B4157 Rose Hill, Bilston Street to B4464 r/b	<b>TURN LEFT</b>
<b>TRAVEL</b>	B4464 New Road to Wolverhampton Street r/b (3 <sup>rd</sup> exit)	<b>TURN RIGHT</b>
<b>GRIT</b>	Wolverhampton Street to Stafford Street	<b>TURN LEFT</b>

**(Continued...)**

**WALSALL  
COUNCIL**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 03 (continued)**

<b>GRIT</b>	Stafford Street, Moat Street to B4484 r/b	<b>U-TURN</b>
<b>GRIT</b>	Moat Street to Gower Street	<b>TURN RIGHT</b>
<b>GRIT</b>	Gower Street, Upper Lichfield Street to Union Street	<b>TURN RIGHT</b>
<b>GRIT</b>	Union Street to Stafford Street	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Stafford Street to Moat Street	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Moat Street to Gower Street	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Gower Street, Upper Lichfield Street to Union Street	<b>STRAIGHT</b>
<b>GRIT</b>	Upper Lichfield Street to Lower Lichfield Street	<b>TURN LEFT</b>
<b>GRIT</b>	Lower Lichfield Street, Leve Lane to John Street	<b>TURN RIGHT</b>
<b>GRIT</b>	John Street to Hall Street	<b>STRAIGHT</b>
<b>TRAVEL</b>	John Street to Cheapside	<b>TURN RIGHT</b>
<b>GRIT</b>	Cheapside to Lower Lichfield Street	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Lower Lichfield Street, Leve Lane to John Street	<b>TURN RIGHT</b>
<b>TRAVEL</b>	John Street to Hall Street	<b>TURN LEFT</b>
<b>TRAVEL</b>	Hall Street to B4464	<b>TURN LEFT</b>
<b>TRAVEL</b>	B4464 Walsall Street to Birmingham Street (on right)	<b>STRAIGHT</b>
<b>GRIT</b>	B4464 Walsall Road to Albion Street (on left)	<b>STRAIGHT</b>
<b>TRAVEL</b>	B4464 Walsall Road to A462	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A462 Crescent Road to B4464	<b>TURN LEFT</b>
<b>GRIT</b>	B4464 Wolverhampton Road West to end of dual c-way section	<b>STRAIGHT</b>
<b>TRAVEL</b>	B4464 Wolverhampton Road West to Churchill Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	Churchill Road to Attlee Road	<b>TURN LEFT</b>

**(Continued...)**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 03 (continued)**

<b>GRIT</b>	Attlee Road to Bevin Road	<b>TURN LEFT</b>
<b>GRIT</b>	Bevin Road to Monmouth Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Monmouth Road to Poplar Avenue	<b>TURN RIGHT</b>
<b>GRIT</b>	Poplar Avenue to Churchill Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Churchill Road to Queen Elizabeth Avenue	<b>TURN LEFT</b>
<b>GRIT</b>	Queen Elizabeth Avenue to B4464	<b>STRAIGHT</b>
<b>GRIT</b>	Bentley Road North to Bentley Road South r/b	<b>U-TURN</b>
<b>TRAVEL</b>	Bentley Road North to B4464 Wolverhampton Road West	<b>STRAIGHT</b>
<b>GRIT</b>	Queen Elizabeth Avenue to Morris Avenue (on left)	<b>STRAIGHT</b>
<b>TRAVEL</b>	Queen Elizabeth Avenue to Churchill Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	Churchill Road to Attlee Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Attlee Road to Bevin Road (on left)	<b>STRAIGHT</b>
<b>GRIT</b>	Attlee Road to Poplar Avenue	<b>TURN LEFT</b>
<b>TRAVEL</b>	Poplar Avenue to Monmouth Road	<b>STRAIGHT</b>
<b>GRIT</b>	Poplar Avenue to Granbourne Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Granbourne Road to Stroud Avenue	<b>TURN LEFT</b>
<b>GRIT</b>	Stroud Avenue to Stroud Avenue	<b>TURN RIGHT</b>
<b>GRIT</b>	Stroud Avenue (loop clockwise) to Furzebank Way (2 <sup>nd</sup> of 2)	<b>TURN LEFT</b>
<b>GRIT</b>	Furzebank Way (loop anti clockwise) to Stroud Avenue	<b>TURN LEFT</b>
<b>TRAVEL</b>	Stroud Avenue to Furzebank Way	<b>STRAIGHT</b>
<b>GRIT</b>	Stroud Avenue to Granbourne Road	<b>STRAIGHT</b>
<b>TRAVEL</b>	Stroud Avenue to Stroud Avenue	<b>TURN LEFT</b>

**(Continued...)**

**WALSALL  
COUNCIL**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 03 (continued)**

<b>GRIT</b>	Stroud Avenue to A462 Sandbeds Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	Sandbeds Road to Charles Street r/b	<b>TURN RIGHT</b>
<b>GRIT</b>	Charles Street to Ashmore Lake Way	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Ashmore Lake Way to Ashmore Lake Road	<b>TURN LEFT</b>
<b>GRIT</b>	Ashmore Lake Road, Mortimer Lane to Bloxwich Road South r/b	<b>STRAIGHT</b>
<b>TRAVEL</b>	Bloxwich Road South to B4484 r/b	<b>TURN LEFT</b>
<b>GRIT</b>	B4484 Temple Bar to B4484 Field Street r/b	<b>TURN RIGHT</b>
<b>GRIT</b>	B4484 Field Street, Pinson Road to Wolverhampton Street r/b	<b>TURN LEFT</b>
<b>TRAVEL</b>	Wolverhampton Street to Stafford Street	<b>STRAIGHT</b>
<b>GRIT</b>	Market Place to Cross Street (on left)	<b>STRAIGHT</b>
<b>TRAVEL</b>	Market Place to B4464 New Road	<b>TURN LEFT</b>
<b>GRIT</b>	B4464 New Road to B4157/B4464 r/b	<b>TURN RIGHT</b>
<b>GRIT</b>	B4157 Bilston Street, Rose Hill to B4590	<b>TURN RIGHT</b>
<b>TRAVEL</b>	B4590 Bilston Lane to A454/B4590 r/b	<b>TURN LEFT</b>
<b>GRIT</b>	A454 on slip to A454 The Keyway	<b>STRAIGHT</b>
<b>TRAVEL</b>	A454 the Keyway to Keyway Junction r/b	<b>TURN RIGHT</b>
<b>GRIT</b>	A463 on slip to A463 Black Country Route	<b>STRAIGHT</b>
<b>TRAVEL</b>	A463 Black Country Route to A463/A4444 r/b	<b>U-TURN</b>
<b>TRAVEL</b>	A463 Black Country Route to A454 off slip	<b>TURN LEFT</b>
<b>TRAVEL</b>	Off slip to A454 The Keyway Filter Lane	<b>TURN LEFT</b>
<b>GRIT</b>	Filter Lane to A454 The Keyway	<b>STRAIGHT</b>

**(Continued...)**

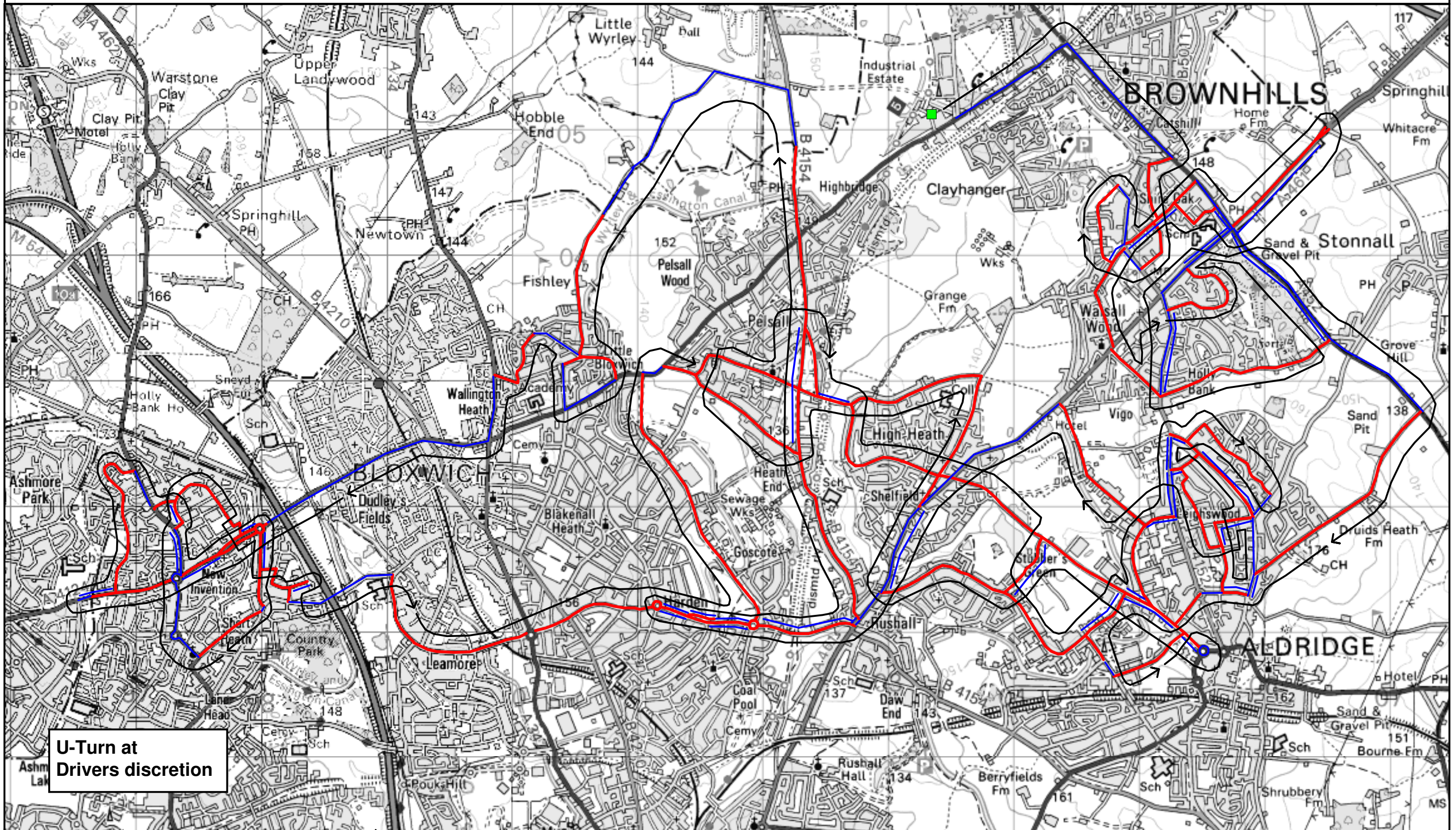
**DEPOT : APEX ROAD  
ROUTE NUMBER : 03 (continued)**

<b>TRAVEL</b>	A454 The Keyway to B4590 off slip	<b>TURN LEFT</b>
<b>GRIT</b>	B4590 off slip to B4590/A454 r/b	<b>U-TURN</b>
<b>TRAVEL</b>	A454 on slip, A454 The Keyway to A453/A463 r/b	<b>STRAIGHT</b>
<b>GRIT</b>	A454 on slip to A454 Black County Route	<b>STRAIGHT</b>
<b>TRAVEL</b>	A454 Black County Route to Marshland Way off slip	<b>TURN LEFT</b>
<b>GRIT</b>	Off slip road to Marshland Way r/b	<b>STRAIGHT</b>
<b>TRAVEL</b>	Marshland Way r/b to A454 E/B on slip	<b>STRAIGHT</b>
<b>GRIT</b>	A454 on slip to A454 Black County Route	<b>STRAIGHT</b>
<b>TRAVEL</b>	A454 Black County Route to M6/A454 r/b	<b>STRAIGHT</b>
<b>TRAVEL</b>	A454 Wolverhampton Road to Bloxwich Lane	<b>TURN LEFT</b>
<b>GRIT</b>	Bloxwich Lane to Churchill Road	<b>STRAIGHT</b>
<b>TRAVEL</b>	Bloxwich Lane to Bloxwich Lane r/b	<b>STRAIGHT</b>
<b>GRIT</b>	Bloxwich Lane (circulate r/b) to Leamore Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Leamore Lane to Fryer's Road	<b>TURN LEFT</b>
<b>GRIT</b>	Fryer's Road to Willenhall Lane	<b>TURN LEFT</b>
<b>GRIT</b>	Willenhall Lane to Moorlands Road (on right)	

**End of Route. Return to Depot**



# Walsall Council, Route 4,



<b>SALT (KM):</b>	<b>49.8</b>	<b>DEAD (KM):</b>	<b>33.7</b>	<b>TOTAL (KM):</b>	83.5	<b>TIME (H:M):</b>	2:35	Underlying map base reproduced from Ordnance Survey digital map data. Ordnance Survey © Crown Copyright. All rights reserved. Licence number 100019529. Route design and artwork © Vaisala Ltd 2013.	Scale: 1:30000 Drawn By: J.Wilson	Vaisala Limited Vaisala House 351 Bristol Road Birmingham UK B5 7SW <a href="http://www.vaisala.com">www.vaisala.com</a> <a href="mailto:trafficweatherconsulting@vaisala.com">trafficweatherconsulting@vaisala.com</a>
<b>EFF. (%):</b>	60	<b>VEHICLE SIZE:</b>	6Cu	<b>CLIMATIC DOMAIN:</b>	N/A	<b>THERMAL CATEGORY:</b>	N/A			



**DEPOT : APEX ROAD  
ROUTE NUMBER : 04**

Out of depot, proceed to junction of A452 High Street and B4152 Lindon Road

<b>GRIT</b>	B4152 Lindon Road to Commonsie	<b>TURN LEFT</b>
<b>GRIT</b>	Commonsie to Pauls Coppice	<b>TURN LEFT</b>
<b>GRIT</b>	Pauls Coppice and across Friezland Lane onto Commonsie	<b>STRAIGHT</b>
<b>GRIT</b>	Commonsie, Occupation Road to B4152 Brownhills Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	B4152 Brownhills Road to B4153 Coppice Road	<b>TURN LEFT</b>
<b>GRIT</b>	B4153 Coppice Road to Maybrook Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Maybrook Road to Clayhanger Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Clayhanger Road to B4152 Lindon Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	B4152 Lindon Road to Friezland Lane	<b>TURN LEFT</b>
<b>GRIT</b>	Friezland Lane to A452 Chester Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A452 Chester Road to A461 Lichfield Road	<b>TURN LEFT</b>
<b>GRIT</b>	A461 Lichfield Road to Walsall Boundary (through c-way)	<b>U-TURN</b>
<b>GRIT</b>	A461 Lichfield Road to end of Dual Carriageway	<b>STRAIGHT</b>
<b>TRAVEL</b>	A461 Lichfield Road to A452 Chester Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A452 Chester Road to Adams Road	<b>TURN LEFT</b>
<b>GRIT</b>	Adams Road to St Marks Road	<b>TURN RIGHT</b>
<b>GRIT</b>	St Marks Road to Friezland Lane	<b>TURN LEFT</b>
<b>TRAVEL</b>	Friezland Lane to B4152 Lindon Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	B4152 Lindon Road to B4153 Coppice Road	<b>TURN RIGHT</b>

**(Continued...)**

**WALSALL  
COUNCIL**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 04 (continued)**

<b>TRAVEL</b>	B4153 Coppice Road to Maybrook Road (on right)	<b>STRAIGHT</b>
<b>GRIT</b>	B1453 Coppice Road to A461 (right then left)	<b>STRAIGHT</b>
<b>GRIT</b>	Brookland Road to B4152 Salters Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	B4152 Salters Road to Wolverson Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Wolverson Road, Holly Lane, Shire Ridge to A461 Lichfield Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A461 Lichfield Road to A452 Chester Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A452 Chester Road to Castlehill Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Castlehill Road, Castle Road to B4152 Salters Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	B4152 Salters Road to A461 Lichfield Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A461 Lichfield Road to A452 Chester Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A452 Chester Road to Birch Lane Stonnall	<b>TURN RIGHT</b>
<b>GRIT</b>	Birch Lane Stonnall, Stonnall Road to Walsall Wood Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	Walsall Wood Road to Leighswood Avenue	<b>TURN RIGHT</b>
<b>GRIT</b>	Leighswood Avenue to Broad Meadow (on right)	<b>STRAIGHT</b>
<b>TRAVEL</b>	Leighswood Avenue to B4152 Northgate r/b	<b>STRAIGHT</b>
<b>GRIT</b>	Leighswood Avenue to Leighswood Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Leighswood Road, Stubbers Green Road to Wharf Approach	<b>TURN LEFT</b>
<b>GRIT</b>	Wharf Approach to Dumblederry Lane	<b>TURN LEFT</b>
<b>GRIT</b>	Dumblederry Lane to Middlemore Lane West (on right)	<b>STRAIGHT</b>
<b>TRAVEL</b>	Dumblederry Lane to Middlemore Lane	<b>TURN LEFT</b>
<b>GRIT</b>	Middlemore Lane to Leighswood Road	<b>TURN RIGHT</b>

**(Continued...)**



**DEPOT : APEX ROAD  
ROUTE NUMBER : 04 (continued)**

<b>GRIT</b>	Leighswood Road to A454 r/b	<b>U-TURN</b>
<b>TRAVEL</b>	Leighswood Road to Middlemore Lane (on left),	<b>STRAIGHT</b>
<b>GRIT</b>	Leighswood Road to Leighswood Avenue (on right)	<b>STRAIGHT</b>
<b>TRAVEL</b>	Leighswood Road, Stubbers Green Road to Wharf Approach (on left)	<b>STRAIGHT</b>
<b>GRIT</b>	Stubbers Green Road to Barns Lane	<b>TURN LEFT</b>
<b>GRIT</b>	Barns Lane to Barns Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Barns Lane to A461 Lichfield Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A461 Lichfield Road to Four Crosses Road	<b>TURN LEFT</b>
<b>GRIT</b>	Four Crosses Road to Mill Road (right then left)	<b>STRAIGHT</b>
<b>GRIT</b>	Green Lane to Mob Lane	<b>TURN LEFT</b>
<b>GRIT</b>	Mob Lane, Coronation Road to Ford Brook Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Ford Brook Lane, Vicarage Road to Walsall Road	<b>TURN LEFT</b>
<b>GRIT</b>	Walsall Road to Allens Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Allens Lane to Mouse Hill	<b>TURN RIGHT</b>
<b>GRIT</b>	Mouse Hill, Hall Lane to Norton Road	<b>TURN LEFT</b>
<b>GRIT</b>	Norton Road to Station Road (2 <sup>nd</sup> )	<b>TURN RIGHT</b>
<b>GRIT</b>	Station Road, Victoria Road to Ford Brook Lane	<b>TURN LEFT</b>
<b>TRAVEL</b>	Ford Brook Lane to Coronation Road (on left)	<b>STRAIGHT</b>
<b>GRIT</b>	Ford Brook Lane, Mill Road to A461 Lichfield Road	<b>STRAIGHT</b>
<b>GRIT</b>	Spring Road to Stubbers Green Road r/b	<b>STRAIGHT</b>
<b>GRIT</b>	Stubbers Green Road to Barns Lane	<b>TURN RIGHT</b>

**(Continued...)**

**WALSALL  
COUNCIL**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 04 (continued)**

<b>TRAVEL</b>	Barns Lane to Westgate	<b>TURN LEFT</b>
<b>GRIT</b>	Westgate to Dumblederry Lane (on right)	<b>STRAIGHT</b>
<b>TRAVEL</b>	Wharf Approach to Stubbers Green Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Stubbers Green Road to Brickyard Road	<b>TURN LEFT</b>
<b>GRIT</b>	Brickyard Road, Northgate Way to B4152 Northgate	<b>TURN LEFT</b>
<b>TRAVEL</b>	B4152 Northgate to Walsall Wood Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Walsall Wood Road to Greenwood Road	<b>TURN LEFT</b>
<b>GRIT</b>	Greenwood Road to Kingshayes Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Kingshayes Road to Lazy Hill Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Lazy Hill Road to Walsall Wood Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Walsall Wood Road to Greenwood Road (on right)	<b>STRAIGHT</b>
<b>TRAVEL</b>	Walsall Wood Road to B4152 Northgate	<b>TURN LEFT</b>
<b>TRAVEL</b>	B4152 Northgate to Walton Road	<b>TURN LEFT</b>
<b>GRIT</b>	Walton Road to Walsall Wood Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Walsall Wood Road to Lancaster Avenue	<b>TURN RIGHT</b>
<b>GRIT</b>	Lancaster Avenue to Broad Meadow	<b>TURN LEFT</b>
<b>GRIT</b>	Broad Meadow to Leighswood Avenue	<b>TURN LEFT</b>
<b>TRAVEL</b>	Leighswood Avenue to Walsall Wood Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	Walsall Wood Road to Lancaster Avenue	<b>TURN LEFT</b>
<b>TRAVEL</b>	Lancaster Avenue to Broad Meadow	<b>TURN LEFT</b>
<b>TRAVEL</b>	Broad Meadow to Wellfield Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Wellfield Road, Brookfield Road to Herbert Road	<b>TURN LEFT</b>

**(Continued...)**

**WALSALL  
COUNCIL**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 04 (continued)**

<b>GRIT</b>	Herbert Road to Walton Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	Walton Road to B4152 Northgate	<b>TURN LEFT</b>
<b>TRAVEL</b>	B4152 Northgate to Northgate Way	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Northgate Way to Brickyard Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Brickyard Road, Boatmans Lane to A461 Walsall Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	A461 Walsall Road, Lichfield Road to Station Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Station Road, Harden Road to Ross Road/Goscote Lane r/b	<b>STRAIGHT</b>
<b>GRIT</b>	Harden Road to Chestnut Road r/b	<b>U-TURN</b>
<b>TRAVEL</b>	Harden Road to start of dual carriageway	<b>STRAIGHT</b>
<b>GRIT</b>	Harden Road to end of dual carriageway section	<b>STRAIGHT</b>
<b>TRAVEL</b>	Harden Road to Ross Road/Goscote Lane r/b	<b>STRAIGHT</b>
<b>TRAVEL</b>	Harden Road, Station Road to A461 Lichfield Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	A461 Lichfield Road to B4154 Pelsall Lane	<b>TURN LEFT</b>
<b>GRIT</b>	B4154 Pelsall Lane, Walsall Road to Allens Lane (on left)	<b>STRAIGHT</b>
<b>TRAVEL</b>	B4154 Walsall Road, Norton Road to Station Road (2 <sup>nd</sup> on right)	<b>STRAIGHT</b>
<b>GRIT</b>	B4154 Norton Road to A4124 Wolverhampton Road	<b>STRAIGHT</b>
<b>GRIT</b>	over A4124 onto B4154 Norton Road to Walsall Boundary	<b>STRAIGHT</b>
<b>TRAVEL</b>	B4154 Norton Road, Lime Lane to Wyrley Lane	<b>TURN LEFT</b>
<b>TRAVEL</b>	Wyrley Lane to Fishley Lane	<b>TURN LEFT</b>
<b>TRAVEL</b>	Fishley Lane to Walsall Boundary	<b>STRAIGHT</b>
<b>GRIT</b>	Fishley Lane to Buxton Road	<b>TURN LEFT</b>

**(Continued...)**

**WALSALL  
COUNCIL**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 04 (continued)**

<b>GRIT</b>	Buxton Road, Stoney Lane, Pelsall Lane to A4124 Lichfield Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A4124 Lichfield Road to Selmans Hill	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Selmans Hill to Stoney Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Stoney Lane to Buxton Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	Buxton Road to start of Buxton Road r/b splitter	<b>STRAIGHT</b>
<b>GRIT</b>	Buxton Road to r/b	<b>TURN LEFT</b>
<b>GRIT</b>	Sanstone Road, Stoney Lane to A34 Stafford Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	A34 Stafford Road to A4124 Bell Lane	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A4124 Bell Lane, Sneyd Lane, Lichfield Road to Crab Lane Mini r/b	<b>STRAIGHT</b>
<b>GRIT</b>	A4124 Lichfield Road to Pooles Lane r/b	<b>TURN RIGHT</b>
<b>GRIT</b>	A4124 Lichfield Road to A462 r/b	<b>STRAIGHT</b>
<b>GRIT</b>	A4124 to Walsall Boundary and at Driver's discretion	<b>U-TURN</b>
<b>TRAVEL</b>	A4124 Lichfield Road to Coppice Farm Way	<b>TURN LEFT</b>
<b>GRIT</b>	Coppice Farm Way to A462 Essington Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A462 Essington Road to Dorchester Road	<b>TURN LEFT</b>
<b>GRIT</b>	Dorchester Road to Hilton Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Hilton Road to Beacon Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Beacon Road to A462 Essington Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	A462 Essington Road to A4124/A462 r/b	<b>TURN LEFT</b>
<b>TRAVEL</b>	A4124 Lichfield Road to start of Dual Carriageway	<b>STRAIGHT</b>
<b>GRIT</b>	A4124 Lichfield Road to Pooles Lane r/b	<b>TURN RIGHT</b>

**(Continued...)**



**WALSALL  
COUNCIL**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 04 (continued)**

<b>GRIT</b>	Pooles Lane to Bloxwich Road North	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Bloxwich Road North to Coltham Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Coltham Road to A462 Wesley Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A462 Wesley Road to Coppice Lane r/b	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A462 Cannock Road to A4124 r/b	<b>STRAIGHT</b>
<b>TRAVEL</b>	A462 Essington Road to Beacon Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Beacon Road to Hilton Road	<b>TURN LEFT</b>
<b>GRIT</b>	Hilton Road, Jones Road to Moore Road	<b>TURN LEFT</b>
<b>GRIT</b>	Moore Road to Fletcher Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Fletcher Road to A4124 Lichfield Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	A4124 Lichfield Road to Pooles Lane r/b	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Pooles Lane to Byron Road	<b>TURN LEFT</b>
<b>GRIT</b>	Byron Road to Keats Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Keats Road, Wordsworth Road to Coleridge Close	<b>U-TURN</b>
<b>TRAVEL</b>	Wordsworth Road to Shelley Road	<b>TURN LEFT</b>
<b>GRIT</b>	Shelley Road to Wood Lane	<b>TURN LEFT</b>
<b>TRAVEL</b>	Wood Lane, Willenhall Lane to Leamore Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Leamore Lane to A34 r/b	<b>STRAIGHT</b>
<b>GRIT</b>	Leamore Lane, Harden Road to Chestnut Road r/b	<b>STRAIGHT</b>
<b>TRAVEL</b>	Harden Road to Goscote Lane r/b	<b>TURN LEFT</b>
<b>GRIT</b>	Goscote Lane, Livingstone Road to A4124 Wolverhampton Road	<b>TURN RIGHT</b>

**(Continued...)**

**WALSALL  
COUNCIL**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 04 (continued)**

**TRAVEL** A4124 Wolverhampton Road to Foundry Lane

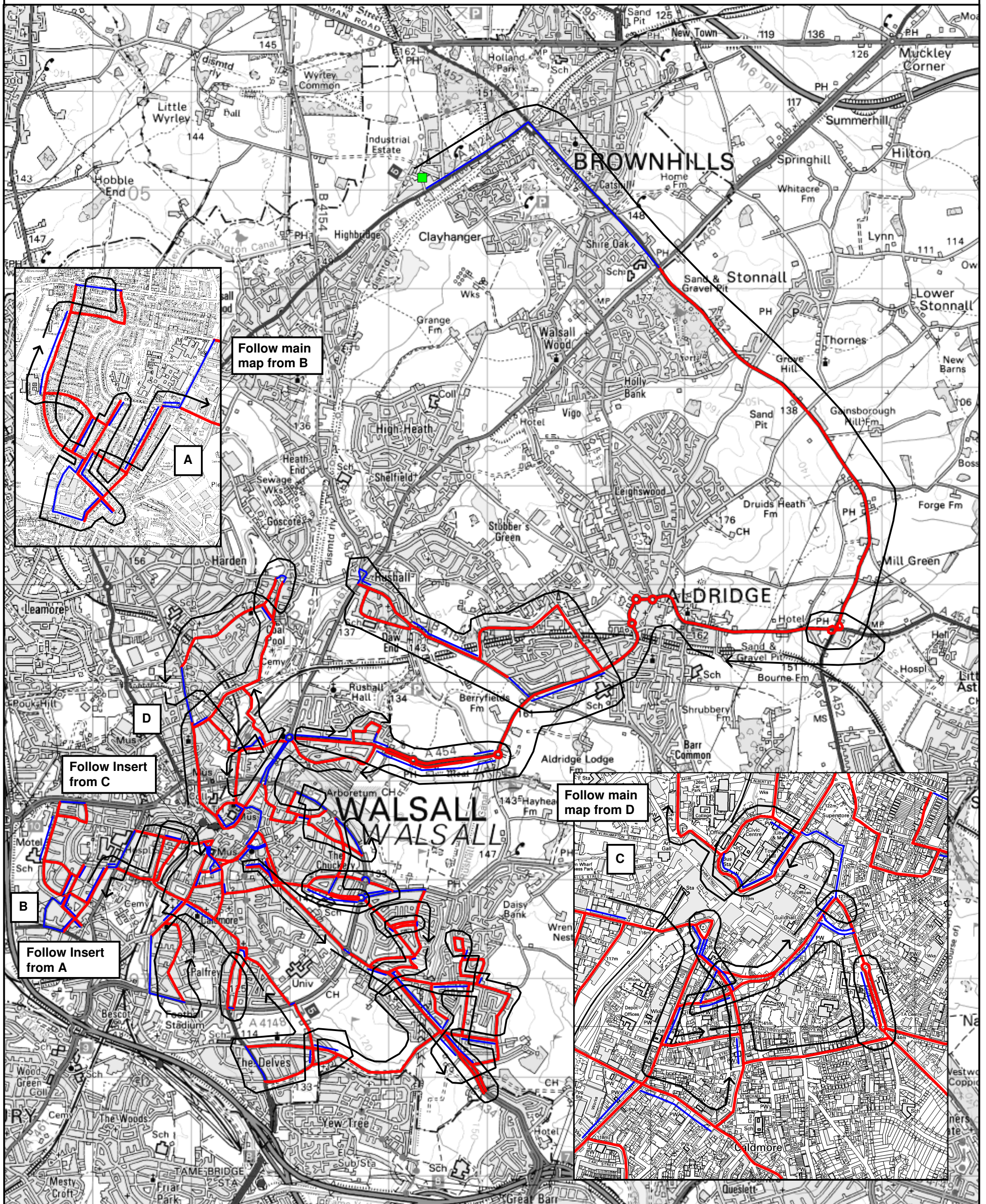
**TURN RIGHT**

**GRIT** Foundry Lane to Mouse Hill (on left)

**End of Route. Return to Depot.**



# Walsall Council, Route 5,



<b>SALT (KM):</b>	62.5	<b>DEAD (KM):</b>	24.1	<b>TOTAL (KM):</b>	86.6	<b>TIME (HRS):</b>	2:41	Underlying map base reproduced from Ordnance Survey digital map data. Ordnance Survey © Crown Copyright. All rights reserved. Licence number 100019529. Route design and artwork © Vaisala Ltd 2013.	Scale: 1:37000 Drawn By: J. Wilson	Vaisala Limited Vaisala House 349 Bristol Road Birmingham B5 7SW UK <a href="http://www.vaisala.com">www.vaisala.com</a> <a href="mailto:trafficweatherconsulting@vaisala.com">trafficweatherconsulting@vaisala.com</a>
<b>EFF (%)</b>	72	<b>VEHICLE SIZE</b>	6Cu	<b>CLIMATIC DOMAIN</b>	N/A	<b>THERMAL CATEGORY</b>	N/A			



**DEPOT : APEX ROAD  
ROUTE NUMBER : 05**

Out of depot, TURN LEFT, proceed to junction of A452 Chester Road and A461 Lichfield Road

<b>GRIT</b>	A452 Chester Road to A454 Aldridge Road r/b	<b>TURN RIGHT</b>
<b>GRIT</b>	A454 Aldridge Road to A454 Little Aston Road r/b	<b>U-TURN</b>
<b>GRIT</b>	A454 Chester Road to A454 Aldridge Road r/b	<b>U-TURN</b>
<b>TRAVEL</b>	A454 Aldridge Road to A454 Little Aston Road r/b	<b>TURN RIGHT</b>
<b>GRIT</b>	A454 Little Aston Road to B4152 r/b	<b>STRAIGHT</b>
<b>GRIT</b>	A454 Leighwood Road to Leighswood Road r/b,	<b>TURN LEFT</b>
<b>GRIT</b>	A454 Anchor Road Bypass to Westfield Drive r/b	<b>STRAIGHT</b>
<b>GRIT</b>	A454 Anchor Road Bypass, Walsall Road to B4154 Bosty Lane	<b>TURN RIGHT</b>
<b>TRAVEL</b>	B4154 Bosty Lane to Red House Lane	<b>STRAIGHT</b>
<b>GRIT</b>	B4154 Bosty Lane, Daw End Lane to Park Road	<b>TURN LEFT</b>
<b>GRIT</b>	Park Road to Floyds Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Floyds Lane, King George Crescent to B4154 Daw End Lane	<b>TURN LEFT</b>
<b>GRIT</b>	B4154 Daw End Lane to A461 Lichfield Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A461 Lichfield Road to Pelsall Road (slip road)	<b>TURN LEFT</b>
<b>TRAVEL</b>	Pelsall Road to Pelsall Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Pelsall Road to A461 Lichfield Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A461 Lichfield Road to B4154 Daw End Lane	<b>TURN LEFT</b>
<b>TRAVEL</b>	B4154 Daw End Lane to King George Crescent (on right )	<b>STRAIGHT</b>
<b>GRIT</b>	B4154 Daw End Lane to Park Road (on right)	<b>STRAIGHT</b>

**(Continued...)**



**DEPOT : APEX ROAD  
ROUTE NUMBER : 05 (continued)**

<b>TRAVEL</b>	B4154 Daw End Lane, Bosty Lane to Middlemore Lane West	<b>TURN LEFT</b>
<b>GRIT</b>	Middlemore Lane West to Dumblederry Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Dumblederry Lane, Paddock Lane to A454 Walsall Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A454 Walsall Road to B4154 Bosty Lane	<b>STRAIGHT</b>
<b>GRIT</b>	A454 Walsall Road to Airfield Drive r/b	<b>TURN RIGHT</b>
<b>GRIT</b>	A454 Aldridge Road, Mellish Road to A461 Lichfield Road r/b	<b>U-TURN</b>
<b>TRAVEL</b>	A454 Mellish Road to Rushall Manor Road	<b>TURN LEFT</b>
<b>GRIT</b>	Rushall Manor Road to Stencills Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Stencills Road to Mellish Drive	<b>TURN RIGHT</b>
<b>GRIT</b>	Mellish Drive to Stencills Drive (on right)	<b>STRAIGHT</b>
<b>TRAVEL</b>	Mellish Drive to A454 Mellish Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	A454 Mellish Road, Aldridge Road to start of dual c-way	<b>STRAIGHT</b>
<b>GRIT</b>	A454 Aldridge Road to end of dual c-way	<b>STRAIGHT</b>
<b>TRAVEL</b>	A454 Aldridge Road to A454 Walsall Road r/b	<b>U-TURN</b>
<b>TRAVEL</b>	A454 Aldridge Road to Fernleigh Road	<b>TURN LEFT</b>
<b>GRIT</b>	Fernleigh Road to Cameron Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Cameron Road, Buchanan Avenue to A461 Lichfield Road r/b	<b>TURN LEFT</b>
<b>TRAVEL</b>	A461 Lichfield Street to A4148 Littleton Street West	<b>STRAIGHT</b>
<b>GRIT</b>	Lower Rushall Street to Walhouse Road	<b>TURN LEFT</b>
<b>GRIT</b>	Walhouse Road to Persehouse Street	<b>TURN RIGHT</b>
<b>GRIT</b>	Persehouse Street to Holtshill Lane	<b>TURN LEFT</b>

**(Continued...)**

**WALSALL  
COUNCIL**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 05 (continued)**

<b>GRIT</b>	Holtshill Lane to Charlotte Street	<b>TURN LEFT</b>
<b>GRIT</b>	Charlotte Street to Walhouse Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Walhouse Road to A4148 Broadway North	<b>TURN LEFT</b>
<b>TRAVEL</b>	A4148 Broadway North to Rowley Street	<b>TURN LEFT</b>
<b>GRIT</b>	Rowley Street to Walhouse Road	<b>TURN LEFT</b>
<b>GRIT</b>	Walhouse Road to Charlotte Street	<b>STRAIGHT</b>
<b>TRAVEL</b>	Walhouse Road to Calder Avenue	<b>TURN RIGHT</b>
<b>GRIT</b>	Calder Avenue to Lincoln Road	<b>TURN LEFT</b>
<b>GRIT</b>	Lincoln Road to A4148 Broadway North	<b>TURN LEFT</b>
<b>TRAVEL</b>	A4148 Broadway North to Beacon Street	<b>TURN LEFT</b>
<b>GRIT</b>	Beacon Street to Prince's Avenue	<b>TURN LEFT</b>
<b>GRIT</b>	Prince's Avenue to The Crescent	<b>STRAIGHT</b>
<b>TRAVEL</b>	Prince's Avenue to Sutton Road	<b>TURN LEFT</b>
<b>GRIT</b>	Sutton Road to A4148 Broadway North r/b (cover r/b)	<b>U-TURN</b>
<b>GRIT</b>	Sutton Road to The Crescent	<b>TURN RIGHT</b>
<b>GRIT</b>	The Crescent to A4148 Broadway North r/b	<b>STRAIGHT</b>
<b>TRAVEL</b>	Over r/b to The Crescent	<b>STRAIGHT</b>
<b>GRIT</b>	The Crescent to B4151 Sutton Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	B4151 Sutton Road over A4148 Broadway North r/b	<b>STRAIGHT</b>
<b>TRAVEL</b>	Sutton Road to The Crescent	<b>STRAIGHT</b>
<b>GRIT</b>	Sutton Road to Birmingham Road r/b	<b>STRAIGHT</b>

**(Continued...)**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 05 (continued)**

<b>GRIT</b>	Birmingham Road, Birmingham Street to New Street (on right)	<b>U-TURN</b>
<b>TRAVEL</b>	Birmingham Street, Birmingham Road to Sutton Road r/b	<b>TURN RIGHT</b>
<b>GRIT</b>	Birmingham Road to A4148 Broadway North double r/b	<b>STRAIGHT</b>
<b>TRAVEL</b>	A4148 Broadway North double r/b	<b>STRAIGHT</b>
<b>GRIT</b>	A34 Birmingham Road to boundary	<b>U-TURN</b>
<b>GRIT</b>	A34 Birmingham Road to Bell Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Bell Road to Park Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Park Road to Skip Lane	<b>TURN LEFT</b>
<b>GRIT</b>	Skip Lane to Park Hall Road	<b>TURN LEFT</b>
<b>GRIT</b>	Park Hall Road to Launceston Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Launceston Road to Falmouth Road	<b>TURN LEFT</b>
<b>GRIT</b>	Falmouth Road to Liskeard Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Liskeard Road to Redruth Road	<b>TURN LEFT</b>
<b>GRIT</b>	Redruth Road to Truro Road	<b>TURN LEFT</b>
<b>GRIT</b>	Truro Road to Liskeard Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Liskeard Road to Launceston Road	<b>TURN LEFT</b>
<b>GRIT</b>	Launceston Road to Falmouth Road (on right)	<b>STRAIGHT</b>
<b>TRAVEL</b>	Launceston Road to Park Hall Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Park Hall Road to Lonsdale Road	<b>TURN LEFT</b>
<b>GRIT</b>	Lonsdale Road to Bell Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Bell Road to A34 Birmingham Road	<b>TURN LEFT</b>

**(Continued...)**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 05 (continued)**

<b>TRAVEL</b>	A34 Birmingham Road to Skip Lane	<b>TURN LEFT</b>
<b>GRIT</b>	Skip Lane to Skip Lane	<b>TURN LEFT</b>
<b>GRIT</b>	Skip Lane to Park Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	Park Road to Lodge Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Lodge Road to Park Hall Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	Park Hall Road to Lonsdale Road	<b>STRAIGHT</b>
<b>GRIT</b>	Park Hall Road to Springvale Avenue	<b>TURN LEFT</b>
<b>GRIT</b>	Springvale Avenue to A34 Birmingham Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A34 Birmingham Road to Lake Avenue	<b>TURN RIGHT</b>
<b>GRIT</b>	Lake Avenue to Gillity Avenue	<b>TURN LEFT</b>
<b>GRIT</b>	Gillity Avenue to Athlone Road	<b>TURN 2<sup>ND</sup> RIGHT</b>
<b>GRIT</b>	Athlone Road to Greaves Avenue	<b>TURN RIGHT</b>
<b>GRIT</b>	Greaves Avenue to Athlone Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Athlone Road to Gillity Avenue	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Gillity Avenue to Athlone Road	<b>STRAIGHT</b>
<b>GRIT</b>	Gillity Avenue to A4148/B4151 Sutton Road r/b	<b>TURN RIGHT</b>
<b>TRAVEL</b>	B4151 Sutton Road to Greaves Avenue	<b>TURN RIGHT</b>
<b>GRIT</b>	Greaves Avenue to Athlone Road (on right)	<b>STRAIGHT</b>
<b>TRAVEL</b>	Greaves Avenue to Athlone Road	<b>STRAIGHT</b>
<b>GRIT</b>	Greaves Avenue, Lake Avenue to Gillity Avenue (on right)	<b>STRAIGHT</b>
<b>TRAVEL</b>	Lake Avenue to Barry Road	<b>TURN LEFT</b>
		<b>(Continued...)</b>



**DEPOT : APEX ROAD  
ROUTE NUMBER : 05 (continued)**

<b>GRIT</b>	Barry Road, Springvale Avenue to Park Hall Road	<b>STRAIGHT</b>
<b>TRAVEL</b>	Springvale Avenue to A34 Birmingham Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	A34 Birmingham Road to Walstead Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Walstead Road to Delves Green Road	<b>TURN LEFT</b>
<b>GRIT</b>	Delves Green Road to Bell Lane	<b>TURN LEFT</b>
<b>GRIT</b>	Bell Lane to Walstead Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	Walstead Road to Delves Green Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	Delves Green Road to Bell Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Bell Lane to A4031 West Bromwich Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A4031 West Bromwich Road to Walstead Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Walstead Road to Delves Green Road	<b>TURN LEFT</b>
<b>GRIT</b>	Delves Green Road to A4148 Broadway	<b>TURN LEFT</b>
<b>TRAVEL</b>	A4148 Broadway to Delves Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Delves Road to Sandwell Street	<b>TURN RIGHT</b>
<b>GRIT</b>	Sandwell Street to West Bromwich Street	<b>TURN LEFT</b>
<b>GRIT</b>	West Bromwich Street to Weston Street	<b>TURN LEFT</b>
<b>GRIT</b>	Weston Street to A4148 Broadway	<b>TURN LEFT</b>
<b>TRAVEL</b>	A4148 Broadway to West Bromwich Road	<b>TURN LEFT</b>
<b>GRIT</b>	West Bromwich Road to Delves Road (on right)	<b>STRAIGHT</b>
<b>TRAVEL</b>	West Bromwich Road, Sandwell Street to West Bromwich Street	<b>TURN LEFT</b>
<b>TRAVEL</b>	West Bromwich Street to Weston Street	<b>TURN RIGHT</b>

**(Continued...)**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 05 (continued)**

<b>GRIT</b>	West Bromwich Street, Caldmore Green, Corporation Street to Wednesbury Road	<b>TURN LEFT</b>
<b>GRIT</b>	Wednesbury Road to Bescot Crescent	<b>TURN LEFT</b>
<b>TRAVEL</b>	Bescot Crescent to A4148 Broadway West	<b>TURN LEFT</b>
<b>TRAVEL</b>	A4148 Broadway West to Lord Street	<b>TURN LEFT</b>
<b>GRIT</b>	Lord Street to Milton Street	<b>TURN RIGHT</b>
<b>GRIT</b>	Milton Street to Wednesbury Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Wednesbury Road to Corporation Street West	<b>TURN LEFT</b>
<b>GRIT</b>	Corporation Street West to Long Street	<b>TURN RIGHT</b>
<b>GRIT</b>	Long Street to Bridgeman Street	<b>TURN LEFT</b>
<b>GRIT</b>	Bridgeman Street to A4148 Pleck Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	A4148 Pleck Road to Ida Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Ida Road to Scarborough Road	<b>TURN LEFT</b>
<b>GRIT</b>	Scarborough Road to St John's Road	<b>TURN RIGHT</b>
<b>GRIT</b>	St John's Road to Reservoir Street	<b>TURN LEFT</b>
<b>GRIT</b>	Reservoir Street to Woodward's Road	<b>TURN LEFT</b>
<b>GRIT</b>	Woodward's Road to end	<b>U-TURN</b>
<b>TRAVEL</b>	Woodward's Road to Scarborough Road	<b>TURN LEFT</b>
<b>GRIT</b>	Scarborough Road to A4038 Darlaston Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A4038 Darlaston Road to Reservoir Place	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Reservoir Place to Woodward's Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Woodward's Road to Reservoir Street	<b>TURN LEFT</b>

**(Continued...)**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 05 (continued)**

<b>TRAVEL</b>	Reservoir Street to Primley Avenue	<b>TURN LEFT</b>
<b>GRIT</b>	Primley Avenue to Durham Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Durham Road to Jerome Road	<b>TURN LEFT</b>
<b>GRIT</b>	Jerome Road to Primley Avenue	<b>TURN RIGHT</b>
<b>GRIT</b>	Primley Avenue to Blay Avenue	<b>TURN RIGHT</b>
<b>GRIT</b>	Blay Avenue, Moat Road to Alumwell Road	<b>TURN LEFT</b>
<b>GRIT</b>	Alumwell Road to A454 Wolverhampton Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	A454 Wolverhampton Road to Primley Avenue	<b>TURN LEFT</b>
<b>GRIT</b>	Primley Avenue to Blay Avenue	<b>STRAIGHT</b>
<b>TRAVEL</b>	Primley Avenue to Jerome Road (on left)	<b>STRAIGHT</b>
<b>GRIT</b>	Primley Avenue to Durham Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	Durham Road to Jerome Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Jerome Road to Reservoir Street	<b>TURN LEFT</b>
<b>GRIT</b>	Reservoir Street to Alumwell Road	<b>U-TURN</b>
<b>TRAVEL</b>	Reservoir Street to Jerome Road	<b>STRAIGHT</b>
<b>GRIT</b>	Reservoir Street to St John's Road	<b>STRAIGHT</b>
<b>TRAVEL</b>	Reservoir Street to Woodwards Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	Woodwards Road to Scarborough Road	<b>TURN LEFT</b>
<b>GRIT</b>	Scarborough Road to St John's Road	<b>STRAIGHT</b>
<b>TRAVEL</b>	Scarborough Road to Ida Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Ida Road to A4148 Pleck Road	<b>STRAIGHT</b>
		<b>(Continued...)</b>

**DEPOT : APEX ROAD  
ROUTE NUMBER : 05 (continued)**

<b>GRIT</b>	Rolling Mill Street to Queen Street	<b>TURN LEFT</b>
<b>GRIT</b>	Queen Street to Bridgeman Street	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Bridgeman Street to Long Street	<b>STRAIGHT</b>
<b>GRIT</b>	Bridgeman Street to Bradford Street	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Bradford Street to Caldmore Road (on left)	<b>STRAIGHT</b>
<b>GRIT</b>	Bradford Street to Wednesbury Road mini r/b	<b>STRAIGHT</b>
<b>GRIT</b>	Wednesbury Road to Corporation Street	<b>TURN LEFT</b>
<b>GRIT</b>	Corporation Street to Caldmore Green	<b>TURN LEFT</b>
<b>GRIT</b>	Caldmore Green, Caldmore Road to Bradford Street	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Bradford Street to Bridgeman Street	<b>TURN LEFT</b>
<b>TRAVEL</b>	Bridgeman Street to Bus Loop	<b>TURN RIGHT</b>
<b>GRIT</b>	Bridgeman Street Bus Loop to mini r/b	<b>STRAIGHT</b>
<b>TRAVEL</b>	Bradford Street to Caldmore Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	Caldmore Road to Vicarage Place	<b>TURN RIGHT</b>
<b>GRIT</b>	Vicarage Place to Wednesbury Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	Wednesbury Road to Glebe Street	<b>TURN LEFT</b>
<b>GRIT</b>	Glebe Street to Caldmore Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Caldmore Road to Little Caldmore	<b>TURN LEFT</b>
<b>GRIT</b>	Little Caldmore, Newhall Street, Lysways Street to Birmingham Road	<b>TURN LEFT</b>
<b>GRIT</b>	Birmingham Road to Springhill Road r/b	<b>STRAIGHT</b>
<b>GRIT</b>	Springhill Road to r/b	<b>U-TURN</b>

**(Continued...)**



**DEPOT : APEX ROAD  
ROUTE NUMBER : 05 (continued)**

<b>GRIT</b>	Springhill Road to r/b (treat r/b)	<b>U-TURN</b>
<b>TRAVEL</b>	Springhill Road to Ablewell Street r/b	<b>STRAIGHT</b>
<b>GRIT</b>	Ablewell Street to Tantarra Street (on right)	<b>FORK LEFT</b>
<b>TRAVEL</b>	Ablewell Street to Upper Rushall Street	<b>TURN LEFT</b>
<b>GRIT</b>	Upper Rushall Street, Peal Street, Dudley Street to Caldmore Road (on left)	<b>STRAIGHT</b>
<b>TRAVEL</b>	Vicarage Place to Mountrath Street	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Mountrath Street to Upper Hall Lane	<b>TURN RIGHT/ STRAIGHT</b>
<b>GRIT</b>	Upper Hall Lane, Dudley Street to end of Dual Carriageway	<b>STRAIGHT</b>
<b>TRAVEL</b>	Dudley Street, Peal Street, Upper Rushall Street to Ablewell Street (1 <sup>st</sup> of 2)	<b>STRAIGHT</b>
<b>GRIT</b>	Upper Rushall Street to Ablewell Street	<b>TURN RIGHT</b>
<b>GRIT</b>	Ablewell Street to Ablewell Street	<b>FORK RIGHT</b>
<b>TRAVEL</b>	Ablewell Street to Upper Rushall Street	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Upper Rushall Street to Ablewell Street	<b>STRAIGHT</b>
<b>TRAVEL</b>	Lower Rushall Street to Whittimere Street	<b>TURN LEFT</b>
<b>TRAVEL</b>	Whittimere Street, Intown Row to Lichfield Street	<b>TURN LEFT</b>
<b>GRIT</b>	Lichfield Street to Bridge Street	<b>STRAIGHT</b>
<b>GRIT</b>	Bridge Street to St Paul's Street	<b>TURN RIGHT</b>
<b>GRIT</b>	St Paul's Street to Hatherton Road	<b>STRAIGHT</b>
<b>GRIT</b>	Hatherton Road to Hatherton Street	<b>BEAR RIGHT</b>
<b>GRIT</b>	Hatherton Road to Lichfield Street	<b>TURN RIGHT</b>

**(Continued...)**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 05 (continued)**

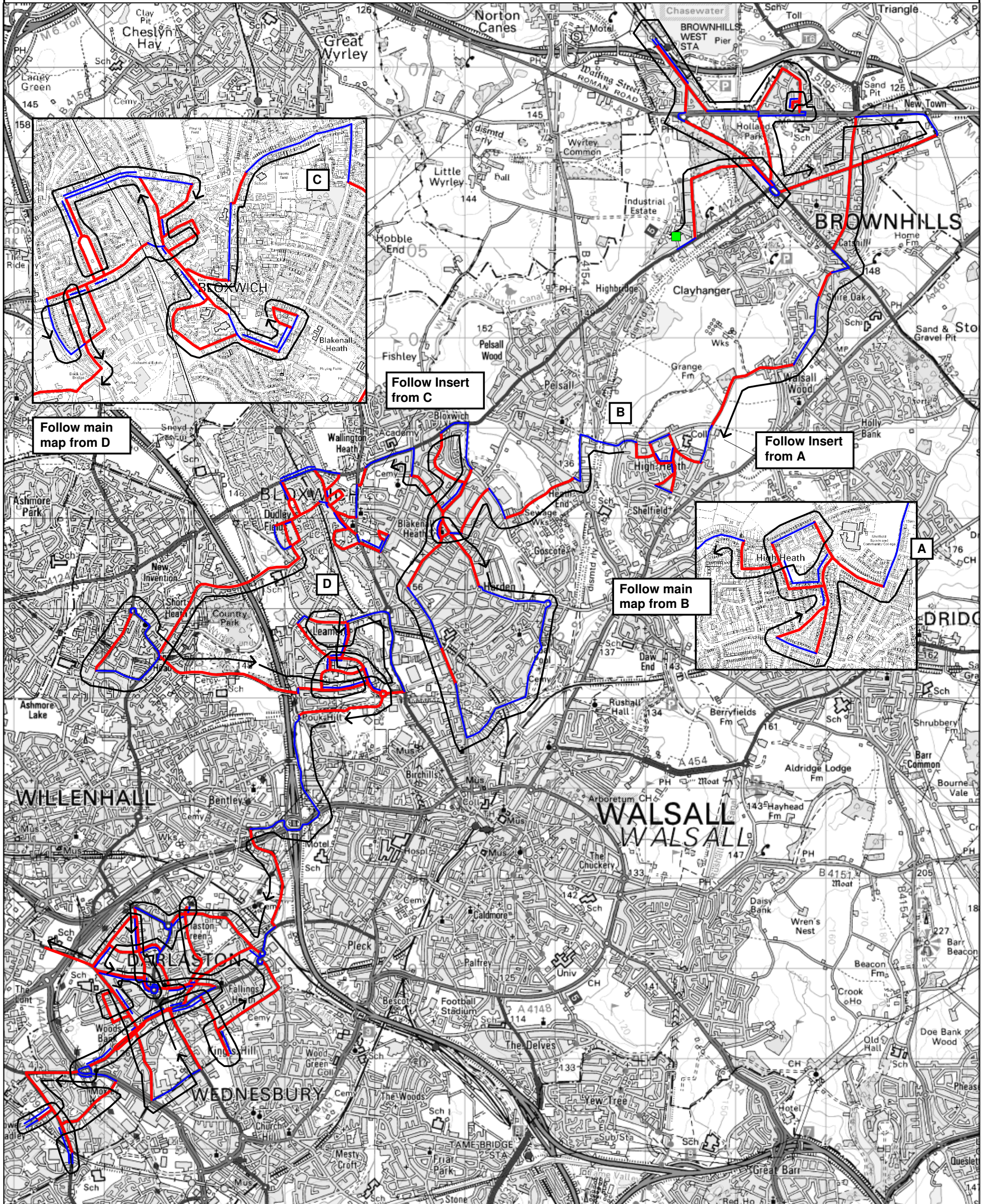
<b>TRAVEL</b>	Lichfield Street to Bridge Street	<b>STRAIGHT</b>
<b>TRAVEL</b>	Bridge Street to St Paul's Street	<b>TURN RIGHT</b>
<b>TRAVEL</b>	St Paul's Street to Hatherton Road	<b>TURN LEFT</b>
<b>GRIT</b>	St Paul's Street to Stafford Street r/b	<b>TURN RIGHT</b>
<b>GRIT</b>	Stafford Street to A4148 Littleton Street West	<b>STRAIGHT</b>
<b>GRIT</b>	B4210 Stafford Street to Proffitt Street	<b>TURN RIGHT</b>
<b>GRIT</b>	Proffitt Street, Coalpool Lane to Coalpool Lane	<b>TURN LEFT</b>
<b>GRIT</b>	Coalpool Lane to Coalpool Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Coalpool Lane to Harden Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Harden Road to Ross Road r/b	<b>TURN RIGHT</b>
<b>GRIT</b>	Ross Road to Coalpool Lane	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Coalpool Lane to Dartmouth Avenue	<b>TURN LEFT</b>
<b>GRIT</b>	Dartmouth Avenue to Forest Lane	<b>TURN LEFT</b>
<b>GRIT</b>	Forest Lane to B4210 Bloxwich Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	B4210 Bloxwich Road to Proffitt Street	<b>TURN LEFT</b>
<b>TRAVEL</b>	Proffitt Street to North Street	<b>TURN RIGHT</b>
<b>GRIT</b>	North Street to North Street	<b>TURN LEFT</b>
<b>GRIT</b>	North Street, Butts Road to Mill Lane	<b>TURN LEFT</b>
<b>GRIT</b>	Mill Lane to William Street	<b>TURN LEFT</b>
<b>TRAVEL</b>	William Street to Butts Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Butts Road to Hatherton Street	<b>TURN LEFT</b>
		<b>(Continued...)</b>

**DEPOT : APEX ROAD  
ROUTE NUMBER : 05 (continued)**

<b>GRIT</b>	Hatherton Street to A4148	<b>STRAIGHT</b>
<b>GRIT</b>	Hatherton Street to Hatherton Street	<b>KEEP LEFT</b>
<b>TRAVEL</b>	Hatherton Street to Lichfield Street	<b>TURN LEFT</b>
<b>GRIT</b>	Lichfield Street to A461 Lichfield Street r/b	<b>STRAIGHT</b>
<b>TRAVEL</b>	A461 Lichfield Street to Butts Road	<b>TURN LEFT</b>
<b>GRIT</b>	Butts Road to Mill Lane	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Mill Lane to William Street (on left)	<b>STRAIGHT</b>
<b>GRIT</b>	Mill Lane to Coal Pool Lane	
	<b>End of Route. Return to Depot.</b>	



# Walsall Council, Route 6,



<b>SALT (KM):</b>	51.6	<b>DEAD (KM):</b>	33.6	<b>TOTAL (KM):</b>	85.2	<b>TIME (HRS):</b>	2:38	Underlying map base reproduced from Ordnance Survey digital map data. Ordnance Survey © Crown Copyright. All rights reserved. Licence number 100019529. Route design and artwork © Vaisala Ltd 2012.	Scale: 1:45000 Drawn By: J. Wilson	Vaisala Limited Vaisala House 349 Bristol Road Birmingham B5 7SW UK <a href="http://www.vaisala.com">www.vaisala.com</a> <a href="mailto:trafficweatherconsulting@vaisala.com">trafficweatherconsulting@vaisala.com</a>
<b>EFF (%):</b>	61	<b>VEHICLE SIZE</b>	6Cu	<b>CLIMATIC DOMAIN</b>	N/A	<b>THERMAL CATEGORY</b>	N/A			



**DEPOT : APEX ROAD  
ROUTE NUMBER : 06**

Out of depot, travel to the junction of Coppice Side and A4124 Pelsall Road

<b>GRIT</b>	Coppice Side to Coppice Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Coppice Lane to A452	<b>TURN RIGHT</b>
<b>GRIT</b>	A452 Chester Road North to A4124/B4155 r/b (do not treat r/b)	<b>U-TURN</b>
<b>TRAVEL</b>	A452 Chester Road North to Coppice Lane (on left)	<b>STRAIGHT</b>
<b>GRIT</b>	A452 Chester Road North to A5 r/b (do not treat r/b)	<b>STRAIGHT</b>
<b>GRIT</b>	Wilkin Road to Hednesford Road	<b>TURN LEFT</b>
<b>GRIT</b>	Hednesford Road, Brownhills Road to r/b	<b>U-TURN</b>
<b>TRAVEL</b>	Brownhills Road, Hednesford Road to Wilkin Road (on right)	<b>STRAIGHT</b>
<b>GRIT</b>	Hednesford Road to A5	<b>TURN LEFT</b>
<b>TRAVEL</b>	A5 to White Horse Road	<b>TURN LEFT</b>
<b>GRIT</b>	White Horse Road to Howdle's Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Howdle's Lane to Knave's Castle Avenue	<b>TURN RIGHT</b>
<b>GRIT</b>	Knave's Castle Avenue to Knave's Castle Avenue	<b>TURN LEFT</b>
<b>GRIT</b>	Knave's Castle Avenue to End	<b>U-TURN</b>
<b>TRAVEL</b>	Knave's Castle Avenue to Knave's Castle Avenue	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Knave's Castle Avenue to Howdle's Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Howdle's Lane to A5	<b>TURN LEFT</b>
<b>TRAVEL</b>	A5 to Deakin Avenue	<b>U-TURN</b>
<b>TRAVEL</b>	A5 to the Parade	<b>TURN LEFT</b>
<b>GRIT</b>	The Parade to A452	<b>TURN LEFT</b>

**(Continued...)**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 06 (continued)**

<b>TRAVEL</b>	A452 Chester Road North to A4124/B4155 r/b (do not treat r/b)	<b>TURN LEFT</b>
<b>GRIT</b>	B4155 Lichfield Road to B5011	<b>TURN LEFT</b>
<b>GRIT</b>	B5011 Chase Road to A5 Watling Street	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A5 Watling Street to B4155	<b>TURN RIGHT</b>
<b>TRAVEL</b>	B4155 Hanney Hay Road to B4155 Lichfield Road r/b	<b>TURN RIGHT</b>
<b>GRIT</b>	B4155 Lichfield Road to B5011	<b>TURN LEFT</b>
<b>GRIT</b>	B5011 Ogley Road to A452 High Street	<b>TURN LEFT</b>
<b>TRAVEL</b>	A452 High Street to B4152	<b>TURN RIGHT</b>
<b>TRAVEL</b>	B4152 Lindon Road to Commonsides (on left)	<b>STRAIGHT</b>
<b>GRIT</b>	B4152 Lindon Road to Clayhanger Road (on right)	<b>STRAIGHT</b>
<b>TRAVEL</b>	B4152 Lindon Road to B4153	<b>TURN RIGHT</b>
<b>TRAVEL</b>	B4153 Coppice Road to Camden Street	<b>TURN RIGHT</b>
<b>GRIT</b>	Camden Street, Green Lane to Mob Lane (on right)	<b>STRAIGHT</b>
<b>TRAVEL</b>	Green Lane to Broad Way	<b>TURN RIGHT</b>
<b>GRIT</b>	Broad Way to Broad Lane	<b>TURN LEFT</b>
<b>GRIT</b>	Broad Lane to Mill Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Mill Road to Birch Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Birch Lane to Broad Lane	<b>TURN LEFT</b>
<b>TRAVEL</b>	Broad Lane to Harrison Road	<b>TURN LEFT</b>
<b>GRIT</b>	Harrison Road to Spring Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Spring Lane to Coronation Road	<b>TURN RIGHT</b>

**(Continued...)**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 06 (continued)**

<b>TRAVEL</b>	Coronation Road to Broad Way	<b>TURN RIGHT</b>
<b>GRIT</b>	Broad Way to Broad Lane	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Broad Lane to Harrison Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Harrison Road to Spring Lane	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Spring Lane to Church Way	<b>TURN LEFT</b>
<b>GRIT</b>	Church Way to Field Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Field Lane to Coronation Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	Coronation Road to Ford Brook Lane	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Ford Brook Lane, Vicarage Road to Walsall Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	Walsall Road to Allens Lane	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Allens Lane to Goscote Road	<b>TURN LEFT</b>
<b>GRIT</b>	Goscote Road, Slacky Lane to Goscote Lane	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Goscote Lane to Thames Road	<b>TURN LEFT</b>
<b>GRIT</b>	Thames Road to Barracks Lane	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Barracks Lane to Walker Road (Go straight over Walker Road onto Blakenhall Lane - <b>Right then Left</b> )	<b>STRAIGHT</b>
<b>GRIT</b>	Blakenhall Lane to Blakenhall Heath	<b>TURN RIGHT</b>
<b>GRIT</b>	Blakenhall Heath to Ingram Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Ingram Road, Walker Road to Harden Road r/b	<b>TURN LEFT</b>
<b>TRAVEL</b>	Harden Road to Goscote Lane r/b	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Ross Road, Coalpool Lane, Proffitt Street to B4210 Bloxwich Road	<b>TURN RIGHT</b>

**(Continued...)**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 06 (continued)**

<b>TRAVEL</b>	B4210 Bloxwich Road to start of splitter at Forest Lane	<b>STRAIGHT</b>
<b>GRIT</b>	B4210 Bloxwich Road to end of splitter	<b>STRAIGHT</b>
<b>TRAVEL</b>	B4120 Bloxwich Road to Blakenhall Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Blakenhall Lane to Blakenhall Lane (on right)	<b>STRAIGHT</b>
<b>TRAVEL</b>	Blakenhall Heath to Ingram Road	<b>TURN LEFT</b>
<b>GRIT</b>	Ingram Road to Green Rock Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Green Rock Lane to Livingstone Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	Livingstone Road to A4124	<b>TURN LEFT</b>
<b>TRAVEL</b>	A4124 Lichfield Road to Abbots Street	<b>TURN LEFT</b>
<b>GRIT</b>	Abbots Street to Green Rock Lane	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Green Rock Lane to Ingram Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Ingram Road to Field Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Field Road to A4124	<b>TURN LEFT</b>
<b>TRAVEL</b>	A4124 Lichfield Road to Park Road	<b>TURN LEFT</b>
<b>GRIT</b>	Park Road to Park Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Park Road to A34 High Street	<b>TURN LEFT</b>
<b>TRAVEL</b>	A34 High Street to Elmore Row	<b>TURN RIGHT</b>
<b>GRIT</b>	Elmore Row to B4210	<b>TURN LEFT</b>
<b>GRIT</b>	B4210 Elmore Green Road to A34 High Street	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A34 High Street to B4210 High Street	<b>TURN LEFT</b>
<b>GRIT</b>	B4210 High Street to Pinfold	<b>TURN LEFT</b>
		<b>(Continued...)</b>



**DEPOT : APEX ROAD  
ROUTE NUMBER : 06 (continued)**

<b>TRAVEL</b>	Pinfold, Field Road to Woodall Street	<b>TURN LEFT</b>
<b>GRIT</b>	Woodall Street to Church Street	<b>TURN RIGHT</b>
<b>GRIT</b>	Church Street to Field Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Field Road, Pinfold to B4210	<b>TURN RIGHT</b>
<b>TRAVEL</b>	B4210 High Street to A34	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A34 High Street to Reeves Street	<b>TURN LEFT</b>
<b>GRIT</b>	Reeves Street to Reeves Street	<b>TURN RIGHT</b>
<b>GRIT</b>	Reeves Street to Station Street	<b>TURN RIGHT</b>
<b>GRIT</b>	Station Street to B4210 Elmore Green Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	B4210 Elmore Green Road to Elmore Row (on right)	<b>STRAIGHT</b>
<b>GRIT</b>	Elmore Green Road, Sand Bank to A4124 Sneyd Lane	<b>TURN LEFT</b>
<b>TRAVEL</b>	A4124 Sneyd Lane to Sneyd Hall Road	<b>TURN LEFT</b>
<b>GRIT</b>	Sneyd Hall Road to Sneyd Hall Road	<b>TURN LEFT</b>
<b>GRIT</b>	Sneyd Hall Road to Central Drive	<b>TURN RIGHT</b>
<b>GRIT</b>	Central Drive to Sneyd Hall Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Sneyd Hall Road to Sneyd Hall Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	Sneyd Hall Road to A4124	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A4124 Sneyd Lane, Bell Lane to Sand Bank	<b>TURN RIGHT</b>
<b>GRIT</b>	Sand Bank to Wolverhampton Road	<b>TURN RIGHT / STRAIGHT</b>
<b>GRIT</b>	Sand Bank to B4210 Elmore Green Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	B4210 Elmore Green Road to Clarendon Street	<b>TURN LEFT</b>

**(Continued...)**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 06 (continued)**

<b>GRIT</b>	Clarendon Street to New Street	<b>TURN RIGHT</b>
<b>GRIT</b>	New Street to Marlborough Street	<b>TURN RIGHT</b>
<b>GRIT</b>	Marlborough Street to B4210 Elmore Green Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	B4210 Elmore Green Road to Croxdene Avenue	<b>TURN LEFT</b>
<b>TRAVEL</b>	Croxdene Avenue to Central Drive	<b>TURN LEFT / STRAIGHT</b>
<b>GRIT</b>	Central Drive to Sneyd Hall Road (1 <sup>st</sup> of 2)	<b>STRAIGHT</b>
<b>TRAVEL</b>	Central Drive to Sneyd Hall Road (2 <sup>nd</sup> of 2)	<b>STRAIGHT</b>
<b>GRIT</b>	Central Drive to Ashley Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	Ashley Road to Coalway Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	Coalway Road to Heather Road	<b>TURN LEFT</b>
<b>GRIT</b>	Heather Road to Central Drive	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Central Drive to Chase Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Chase Road to Coalway Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Coalway Road to Moorland Road	<b>TURN LEFT</b>
<b>GRIT</b>	Moorland Road to Willenhall Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Willenhall Lane to Leamore Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Willenhall Lane, Wood Lane, Bloxwich Road North to A462	<b>TURN LEFT</b>
<b>TRAVEL</b>	A462 High Road to Mill Lane	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Mill Lane to Lucknow Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Lucknow Road, Coppice Lane to A462	<b>TURN RIGHT</b>

**(Continued...)**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 06 (continued)**

<b>TRAVEL</b>	A462 Wesley Road, Coltham Road, Straight Road, High Road to Bentley Lane	<b>TURN LEFT</b>
<b>GRIT</b>	Bentley Lane to Bloxwich Lane	<b>TURN LEFT</b>
<b>TRAVEL</b>	Bloxwich Lane to Cavendish Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Cavendish Road to Stephenson Avenue	<b>TURN RIGHT</b>
<b>GRIT</b>	Stephenson Avenue to r/b	<b>TURN LEFT</b>
<b>GRIT</b>	Stephenson Avenue to A34 Green Lane	<b>TURN LEFT</b>
<b>TRAVEL</b>	A34 Green Lane to Green Lane r/b	<b>TURN LEFT</b>
<b>TRAVEL</b>	Leamore Lane to Darwin Road	<b>TURN LEFT</b>
<b>GRIT</b>	Darwin Road to Stephenson Avenue	<b>TURN RIGHT</b>
<b>GRIT</b>	Stephenson Avenue to Bloxwich Lane	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Bloxwich Lane to Leamore Lane	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Leamore Lane to Fryer's Road (on left)	<b>STRAIGHT</b>
<b>GRIT</b>	Leamore Lane to Darwin Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Darwin Road to Stephenson Avenue	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Stephenson Avenue to Stephenson Square	<b>TURN LEFT</b>
<b>GRIT</b>	Stephenson Square to Edison Road	<b>TURN LEFT</b>
<b>GRIT</b>	Edison Road to Stephenson Avenue	<b>TURN RIGHT</b>
<b>GRIT</b>	Stephenson Avenue to Cavendish Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Cavendish Road to Edison Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Edison Road to Stephenson Square	<b>TURN LEFT</b>
<b>TRAVEL</b>	Stephenson Square to Stephenson Avenue	<b>TURN RIGHT</b>
		<b>(Continued...)</b>

**DEPOT : APEX ROAD  
ROUTE NUMBER : 06 (continued)**

<b>TRAVEL</b>	Stephenson Avenue to Darwin Road (on left)	<b>STRAIGHT</b>
<b>GRIT</b>	Stephenson Avenue to Edison Road (on right)	<b>STRAIGHT</b>
<b>TRAVEL</b>	Stephenson Avenue to r/b	<b>TURN RIGHT</b>
<b>GRIT</b>	Reedswood Way to Six Towers Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Reedswood Way to Bloxwich Lane r/b	<b>STRAIGHT</b>
<b>TRAVEL</b>	Bloxwich Lane to A454	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A454 Wolverhampton Road to M6/A454 r/b	<b>STRAIGHT</b>
<b>TRAVEL</b>	B4464 Wolverhampton Road West to Bentley Mill Way	<b>TURN LEFT</b>
<b>GRIT</b>	Bentley Mill Way, Cemetery Road to A4038 Walsall Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A4038 Walsall Road to Heath Road r/b	<b>TURN RIGHT</b>
<b>GRIT</b>	Heath Road, The Green to A462 r/b	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A462 Midland Road to Willenhall Street	<b>TURN LEFT</b>
<b>GRIT</b>	Willenhall Street to A462 St Lawrence Way r/b	<b>STRAIGHT</b>
<b>TRAVEL</b>	A462 St Lawrence Way r/b to New Street	<b>STRAIGHT</b>
<b>GRIT</b>	New Street to Church Street	<b>TURN RIGHT</b>
<b>GRIT</b>	Church Street, Victoria Road to Bull Street	<b>TURN RIGHT</b>
<b>GRIT</b>	Bull Street to A4038 Walsall Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A4038 Walsall Road to A462 Darlaston Road (on left)	<b>STRAIGHT</b>
<b>GRIT</b>	A4038 Walsall Road, Pinfold Street, Moxley Road to A41 r/b	<b>STRAIGHT</b>
<b>TRAVEL</b>	A41 r/b 2 <sup>nd</sup> exit to A41 High Street	<b>STRAIGHT</b>
<b>GRIT</b>	A41 High Street to A4098	<b>TURN LEFT</b>
<b>GRIT</b>	A4098 Great Bridge Road to Bradley Lane	<b>TURN RIGHT</b>

**(Continued...)**



**DEPOT : APEX ROAD  
ROUTE NUMBER : 06 (continued)**

<b>GRIT</b>	Bradley Lane to boundary	<b>STRAIGHT</b>
<b>TRAVEL</b>	Bradley Lane to Wallace Road	<b>U-TURN</b>
<b>TRAVEL</b>	Bradley Lane to A4098 Great Bridge Road	<b>TURN RIGHT</b>
<b>GRIT</b>	A4098 Great Bridge Road to boundary	<b>STRAIGHT</b>
<b>TRAVEL</b>	A4098 Great Bridge Road to Constantine Way	<b>U-TURN</b>
<b>TRAVEL</b>	A4098 Great Bridge Road to Bull Lane	<b>TURN RIGHT</b>
<b>GRIT</b>	Bull Lane to A41	<b>TURN LEFT</b>
<b>TRAVEL</b>	A41 to A41/A4444/A4038 r/b	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A4038 Moxley Road to start of dual c-way section	<b>STRAIGHT</b>
<b>GRIT</b>	A4038 Moxley Road to end of dual c-way section	<b>STRAIGHT</b>
<b>TRAVEL</b>	A4038 Pinfold Street to St Lawrence Way (on left)	<b>STRAIGHT</b>
<b>GRIT</b>	A4038 Walsall Road to A462 Darlestone Road	<b>STRAIGHT</b>
<b>TRAVEL</b>	A4038 Walsall Road to Old Park Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Old Park Road to boundary	<b>U-TURN</b>
<b>TRAVEL</b>	Old Park Road to Franchise Street	<b>TURN RIGHT</b>
<b>GRIT</b>	Franchise Street to B4200	<b>TURN LEFT</b>
<b>GRIT</b>	B4200 Park Lane to A4038 r/b	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A4038 Walsall Road to Heath Road/Walsall Road r/b	<b>TURN LEFT</b>
<b>TRAVEL</b>	Heath Road to Station Street	<b>TURN LEFT</b>
<b>GRIT</b>	Station Street to Bull Street	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Bull Street to Victoria Road	<b>TURN RIGHT</b>
		<b>(Continued...)</b>

**DEPOT : APEX ROAD  
ROUTE NUMBER : 06 (continued)**

<b>GRIT</b>	Victoria Road to Richards Street/The Flatts r/b	<b>TURN LEFT</b>
<b>GRIT</b>	Richards Street, Bentley Road South to Willenhall Road (on left)	<b>U-TURN</b>
<b>TRAVEL</b>	Bentley Road South to The Green	<b>TURN RIGHT</b>
<b>TRAVEL</b>	The Green to The Green r/b	<b>TURN LEFT</b>
<b>TRAVEL</b>	A462 The Green to Addenbrooke Street	<b>TURN RIGHT</b>
<b>GRIT</b>	Addenbrooke Street, Rough Hay Road to Hall Street	<b>TURN LEFT</b>
<b>GRIT</b>	Hall Street to Wolverhampton Street	<b>TURN LEFT</b>
<b>GRIT</b>	Wolverhampton Street to Stafford Road	<b>TURN LEFT</b>
<b>GRIT</b>	Stafford Road to Willenhall Street	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Willenhall Street to A462 St Laurence Way r/b	<b>U-TURN</b>
<b>TRAVEL</b>	Willenhall Street to Stafford Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	Stafford Road to Wolverhampton Street	<b>TURN LEFT</b>
<b>GRIT</b>	Wolverhampton Street to Park Street	<b>TURN RIGHT</b>
<b>GRIT</b>	Park Street to Willey Avenue	<b>TURN RIGHT</b>
<b>GRIT</b>	Willey Avenue to Heathfield Lane	<b>STRAIGHT</b>
<b>GRIT</b>	Park Road to Forge Road	<b>TURN RIGHT</b>
<b>GRIT</b>	Forge Road to Wolverhampton Street	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Wolverhampton Street to Park Street (on right)	<b>STRAIGHT</b>
<b>GRIT</b>	Wolverhampton Street to A4038	<b>TURN RIGHT</b>
<b>GRIT</b>	A4038 Moxley Road to Dangerfield Lane	<b>TURN LEFT</b>
<b>GRIT</b>	Dangerfield Lane to Woden Road West	<b>TURN LEFT</b>

**(Continued...)**

**WALSALL  
COUNCIL**

**DEPOT : APEX ROAD  
ROUTE NUMBER : 06 (continued)**

<b>TRAVEL</b>	Woden Road West to A462 Darlaston Road	<b>TURN LEFT</b>
<b>GRIT</b>	A462 Darlaston Road to A4038 Walsall Road	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A4038 Walsall Road to Ave Road	<b>TURN LEFT</b>
<b>GRIT</b>	Ave Road to Bull Street	<b>TURN LEFT</b>
<b>TRAVEL</b>	Bull Street to Victoria Road	<b>TURN LEFT</b>
<b>TRAVEL</b>	Victoria Road to New Street (on left)	<b>STRAIGHT</b>
<b>GRIT</b>	Church Street to A462	<b>TURN RIGHT</b>
<b>TRAVEL</b>	A462 Blockall Close to Addenbrooke Street	<b>TURN LEFT</b>
<b>TRAVEL</b>	Addenbrooke Street, Rough Hay Way to Willenhall Street	<b>TURN RIGHT</b>
<b>TRAVEL</b>	Willenhall Street to Hall Street East	<b>TURN LEFT</b>
<b>GRIT</b>	Hall Street East to Rough Hay Road	<b>STRAIGHT</b>
<b>TRAVEL</b>	Hall Street to Wolverhampton Street	<b>TURN RIGHT</b>
<b>GRIT</b>	Wolverhampton Street to Wrenbury Drive (on left)	

**End of Route. Return to Depot.**



**Town and District centres**  
**Footway Treatment Routes**

## Walsall Town Centre – Hand Gritting

Footway gritting route No. 1

Road	Instruction / Direction
<b><u>START GRITTING</u></b>	
STAFFORD ST JUNCTION OF	PROCEED TO
LITTLETON ST	
TOWNEND SQUARE	TURN INTO
ST PAULS STREET TO HATHERTON	
ROAD	TURN LEFT
HATHERTON ROAD TO LICHFIELD ST	
<b><u>STOP GRITTING</u></b>	RETURN TO
HATHERTON STREET	
<b><u>START GRITTING</u></b>	
HATHERTON STREET TO LITTLETON	
ST	
LITTLETON STREET TO LOWER	TURN RIGHT
FORSTER ST	
LOWER FORSTER ST TO HATHERTON	TURN RIGHT
ROAD	
HATHERTON ROAD TO LICHFIELD ST	TURN LEFT
LICHFIELD ST TO JUNCTION OF	TURN LEFT
BROADWAY	
<b><u>STOP GRITTING</u></b>	
LICHFIELD ST JUNCTION HATHERTON	RETURN TO
ROAD	
<b><u>START GRITTING</u></b>	
LICHFIELD ST TO LEICESTER ST	PROCEED TO
LICHFIELD STREET	TURN RIGHT
DARWALL ST TO BRIDGE ST	TURN LEFT
DARWALL ST TO HATHERTON ST	TURN AROUND
DARWALL TO TOWER STREET	TURN AROUND
TOWER ST TO LICHFIELD ST	TURN LEFT
<b><u>STOP GRITTING</u></b>	
LICHFIELD ST JUNCTION BRIDGE ST	PROCEED TO
<b><u>START GRITTING</u></b>	
BRIDGE ST TO ST PAULS ST	INTO
ST PAULS ST TO BUTLERS PASSAGE	TURN LEFT
BUTLERS PASSAGE	TURN RIGHT
PARK ST	TURN LEFT
WISEMORE	PROCEED TO
MARSH ST TO STATION ST	TURN LEFT
STATION ST TO PARK ST	TURN LEFT
STATION ST TO BRIDGEMAN ST	TURN AROUND
BRIDGEMAN ST TO BRADFORD PLACE	TURN LEFT
BRADFORD PLACE TO BRADFORD ST	TURN RIGHT
BRADFORD ST TO VICARAGE PLACE	TURN RIGHT
<b><u>STOP GRITTING</u></b>	TURN AROUND
BRADFORD ST JUNCTION BRADFORD	PROCEED TO
PLACE	
<b><u>START GRITTING</u></b>	
BRADFORD PLACE	PROCEED TO
BRADFORD ST	PROCEED TO
THE BRIDGE	PROCEED TO
BRIDGE ST	
<b><u>STOP GRITTING</u></b>	

## Walsall Town Centre – Hand Gritting

Footway gritting route No. 2

<b>Road</b>	<b>Instruction / Direction</b>
<b><u>START GRITTING</u></b>	
LOWER RUSHALL ST AT JUNCTION OF BROADWAY	PROCEED ALONG
LOWER RUSHALL ST TO WHITTIMERE ST	TURN RIGHT
WHITTIMERE ST TO INTOWN ROW	
GRIT ALL INTOWN ROW	RETURN TO
LOWER RUSHALL ST	TURN RIGHT
LOWER RUSHALL ST TO WAREWELL ST	TURN LEFT
WAREWELL ST TO UNION ST	TURN RIGHT
UNION ST TO PADDOCK LANE	TURN RIGHT
PADDOCK LANE TO BALL ST	TURN RIGHT
BALL ST TO WAREWELL ST	TURN AROUND, RETURN TO
PADDOCK LANE	TURN RIGHT
PADDOCK LANE TO ABLEWELL ST	TURN RIGHT
ABLEWELL ST TO TANTARRA ST	TURN LEFT
TANTARRA ST ABLEWELL ST	TURN LEFT
ABLEWELL ST TO BOTT LANE	TURN LEFT
BOTT LANE TO UNION ST	TURN LEFT
UNION ST TO PADDOCK LANE	TURN LEFT
<b><u>STOP GRITTING</u></b>	PROCEED ALONG
PADDOCK LANE TO ABLEWELL ST	TURN LEFT
<b><u>START GRITTING</u></b>	
UPPER RUSHALL ST	PROCEED TO
PEAL ST	PROCEED TO
DUDLEY ST TO JUNCTION OF UPPER HALL LANE	FOLLOW
UPPER HALL LANE TO CALDMORE ROAD	TURN LEFT
CALDMORE ROAD TO DUDLEY ST	
<b><u>STOP GRITTING</u></b>	RETURN TO
CALDMORE ROAD JUNCTION UPPER HALL ST	
<b><u>START GRITTING</u></b>	
CALDMORE RD JUNCTION UPPER HALL LANE TO JUNCTION LOWER HALL LANE	PROCEED TO
LOWER HALL LANE TO END	TURN RIGHT
<b><u>STOP GRITTING</u></b>	TURN AROUND AND PROCEED TO
JUNCTION NEWPORT ST	TURN RIGHT
<b><u>START GRITTING</u></b>	
NEWPORT ST TO LITTLE NEWPORT ST	TURN LEFT
LITTLE NEWPORT ST TO END	
<b><u>STOP GRITTING</u></b>	TURN AROUND AND RETURN TO
NEWPORT STREET	TURN LEFT
<b><u>START GRITTING</u></b>	
NEWPORT ST TO BRADFORD ST	
<b><u>STOP GRITTING</u></b>	TURN LEFT AND PROCEED TO
BRADFORD ST JUNCTION WITH CALDMORE ROAD	

<p><b><u>START GRITTING</u></b>  CALDMORE ROAD TO BRADFORD LANE  BRADFORD LANE TO VICARAGE PLACE  VICARAGE PLACE TO MOUNTRATH ST  MOUNTRATH ST TO CALDMORE ROAD  CALDMORE TO VICARAGE PLACE  VICARAGE PLACE TO JUNCTION BRADFORD ST  <b><u>STOP GRITTING</u></b>  DUDLEY ST JUNCTION GEORGE ST  <b><u>START GRITTING</u></b>  GEORGE ST TO HIGH ST  HIGH ST TO GOODALL ST  GOODALL ST TO BRIDGE ST  <b><u>STOP GRITTING</u></b>  GOODALL ST JUNCTION FREER ST  <b><u>START GRITTING</u></b>  FREER ST TO UPPER BRIDGE ST  UPPER BRIDGE ST TO LOWER RUSHALL ST  <b><u>STOP GRITTING</u></b></p>	<p>TURN RIGHT</p> <p>TURN LEFT  TURN LEFT  TURN RIGHT  TURN RIGHT</p> <p>TURN AROUND AND PROCEED TO TURN LEFT</p> <p>TURN RIGHT  TURN LEFT</p> <p>TURN AROUND AND RETURN TO</p> <p>TURN RIGHT  TURN RIGHT</p>
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## Darlaston Town Centre – Hand Gritting

Footway gritting route No. 3

<b>Road</b>	<b>Instruction / Direction</b>
<b><u>START GRITTING</u></b>	
NEW STREET JUNCTION OF CHURCH STREET	PROCEED TO
JUNCTION OF ST LAWRENCE WAY	TURN LEFT
ST LAWRENCE WAY TO JUNCTION PINFOLD STREET	TURN RIGHT
PINFOLD STREET TO END OF SHOPS	TURN AROUND
PINFOLD STREET TO KING STREET PRECINCT	TURN LEFT
KING STREET PRECINCT TO THE FOLD	TURN LEFT
THE FOLD	TURN LEFT
KING STREET PRECINCT TO NEW STREET	TURN RIGHT
VICTORIA ROAD TO SLATER STREET	TURN AROUND
RETURN TO JUNCTION OF CRESCENT ROAD AND VICTORIA ROAD	TURN LEFT
CRESCENT ROAD TO PICTUREDROME WAY	TURN RIGHT
PICTUREDROME WAY TO INCLUDE ALLEY WAY	
FROM PICTUREDROME WAY TO KING STREET PRECINCT	TURN RIGHT
CRESCENT ROAD TO WALSALL ROAD	TURN LEFT
WALSALL ROAD TO END OF SHOPS	
<b><u>STOP GRITTING</u></b>	

**Willenhall Town Centre – Hand Gritting**

Footway gritting route No. 4

<b>Road</b>	<b>Instruction / Direction</b>
<b><u>START GRITTING</u></b>	
WAKES GROUND CAR PARK	PROCEED TO
WALSALL ST TO JUNCTION OF BATH ST	TO END AND RETURN
WALSALL STREET TO BILSTON ST	TURN LEFT
BILSTON STREET TO END OF SHOPS	RETURN
NEW ROAD TO END OF SHOPS	RETURN
BUS STOP AT END OF MARKET PLACE	TURN LEFT
MARKET PLACE TO JUNCTION WOLVERHAMPTON STREET	TURN LEFT
WOLVERHAMPTON STREET TO JUNCTION OF GOMER STREET	TURN RIGHT
GOMER ST TO HEALTH CENTRE	RETURN TO
<b><u>STOP GRITTING</u></b>	
JUNCTION WOLVERHAMPTON STREET AND MARKET PLACE	TURN LEFT
<b><u>START GRITTING</u></b>	
STAFFORD STREET (TO INCLUDE ALL ALLEYWAYS) TO TEMPLE BAR ISLAND	RETURN TO
<b><u>STOP GRITTING</u></b>	
STAFFORD STREET TO JUNCTION OF UNION STREET	TURN LEFT
<b><u>START GRITTING</u></b>	
UNION ST TO JUNCTION OF LICHFIELD ST	TURN RIGHT
LICHFIELD ST TO JUNCTION OF CLEMSON STREET	TURN LEFT
CLEMSON ST TO END	TURN LEFT, PROCEED TO
LOWER LICHFIELD ST	TURN RIGHT
LOWER LICHFIELD ST TO JUNCTION LICHFIELD ST	TURN RIGHT
LICHFIELD ST TO ANGEL PASSAGE	TURN LEFT
ANGEL PASSAGE TO MARKET PLACE	TURN LEFT
MARKET PLACE TO PASSAGEWAY	TURN LEFT
PASSAGEWAY TO LICHFIELD ST	TURN LEFT
LICHFIELD ST TO CROSS ST	TURN LEFT
CROSS ST TO MARKET PLACE	RETURN TO
LICHFIELD ST	TURN RIGHT
LICHFIELD ST TO JUNCTION OF WALSALL ST	
<b><u>STOP GRITTING</u></b>	

## **Bloxwich Town Centre – Hand Gritting**

Footway gritting route No. 5

<b>Road</b>	<b>Instruction / Direction</b>
<b><u>START GRITTING</u></b>	
THE PINFOLD BY HEALTH CENTRE	PROCEED TO
HIGH STREET	TURN RIGHT AND PROCEED TO
ALONG HIGH STREET TO JUNCTION	
PARK ROAD	PROCEED ALONG
PARK ROAD TO JUNCTION TO	
JUNCTION CEMETERY WAY	TURN RIGHT
CEMETERY WAY TO END	RETURN TO
JUNCTION PARK ROAD	TURN RIGHT
PARK ROAD TO JUNCTION OF	TURN LEFT
LICHFIELD ROAD	
LICHFIELD ROAD TO JUNCTION OF	TURN LEFT
HIGH STREET	
HIGH STREET TO JUNCTION OF	TURN RIGHT
WOLVERHAMPTON ROAD	
WOLVERHAMPTON ROAD TO SAMUEL	TURN LEFT
ST	
SAMUEL ST TO JUNCTION HIGH	TURN RIGHT
STREET	
HIGH STREET TO JUNCTION MARKET	TURN INTO
PLACE	
MARKET SQUARE, GRIT MARKET	
SQUARE (INCLUDING WALK WAY TO	
ELMORE ROW CAR PARK)	TURN RIGHT INTO
ELMORE ROW	PROCEED TO
JUNCTION TO ELMORE GREEN	TURN LEFT
ELMORE GREEN TO JUNCTION HIGH	TURN AROUND PROCEED TO
STREET	
CHURCH MOAT WAY JUNCTION	
ELMORE GREEN	TURN RIGHT
CHURCH MOAT WAY TO JUNCTION	
ELMORE ROAD	TURN RIGHT
ELMORE ROW TO HIGH STREET	
<b><u>STOP GRITTING</u></b>	

## **Brownhills Town Centre – Hand Gritting**

Footway gritting route No. 6

<b>Road</b>	<b>Instruction / Direction</b>
<b><u>START GRITTING</u></b>	
SILVER STREET JUNCTION HIGH ST	PROCEED ALONG
SILVER STREET TO HIGH STREET	TURN LEFT
HIGH ST TO MARKET PLACE	TURN LEFT
MARKET PLACE	TURN LEFT
HIGH STREET TO RAVENSCROFT (TO INCLUDE ALL PASSAGEWAYS)	TURN INTO
RAVENSCROFT AND GRIT	
RAVENSCROFT INCLUDING STEPS TO CAR PARK	RETUN TO
HIGH STREET	TURN LEFT
HIGH STREET TO ISLAND	TURN AROUND
HIGH STREET TO CHURCH ROAD	TURN LEFT
CHURCH ROAD TO SHORT STREET	TURN LEFT
SHORT STREET TO GREAT CHARLES STREET	TURN AROUND
SHORT STREET TO BRICKLIN STREET	TURN RIGHT
BRICKLIN STREET TO HIGH STREET	
<b><u>STOP GRITTING</u></b>	



### **Aldridge Town Centre – Hand Gritting**

Footway gritting route No. 7

<b>Road</b>	<b>Instruction / Direction</b>
<b><u>START GRITTING</u></b> ROOKERY LANE JUNCTION PORTLAND ROAD PORTLAND ROAD TO LIBRARY LIBRARY TO MAGISTRATES COURT ROOKERY LANE ROOKERY LANE TO LITTLE ASTON ROAD LITTLE ASTON ROAD TO ANCHOR ROAD HIGH STREET TO END INCLUDING BAKERS LANE <b><u>STOP GRITTING</u></b>  LEIGHSWOOD ROAD  <b><u>START GRITTING</u></b> LEIGHSWOOD ROAD INFRONT OF SHOPS  JUNCTION OF ANCHOR ROAD BYPASS AND ANCHOR ROAD ANCHOR ROAD TO PORTLAND ROAD PORTLAND ROAD TO ROOKERY LANE <b><u>STOP GRITTING</u></b>	PROCEED ALONG  TURN RIGHT TURN AROUND AND RETURN TO TURN LEFT TURN LEFT  TURN LEFT    TURN AROUND AND PROCEED TO    TURN AROUND AND PROCEED TO    TURN RIGHT  TURN LEFT

### **Pelsall High Street – Hand Gritting**

Footway gritting route No. 8

<b>Road</b>	<b>Instruction / Direction</b>
<b><u>START GRITTING</u></b>  HIGH STREET JUNC CHAPEL STREET TO JUNCTION HIGHFIELD ROAD TO JUNCTION OLD TOWN LANE <b><u>STOP GRITTING</u></b>	PROCEED ALONG TURN LEFT

## **Salt Bins**

Salt bins are provided for use on the public highway in locations not treated as part of the precautionary salting route treatment.

Salt bins are located in areas where residents can gain access to salt stocks for the treatment of their road and pavement. Salt bin stocks are not for use on private property.

Requests for salt bins will be assessed against the criteria detailed within this plan. Only those locations meeting the criteria will be considered for the placement of a salt bin.

Salt bins will be regularly monitored for stock levels and will be replenished as soon as practicable. However, priority will always be given to the precautionary treatment of the defined winter treatment network should there be a need to conserve resources. During any national salt shortage a mixture of salt/grit will be used for replenishment of salt bins due to the need to conserve salt for the strategic route network

For environmental reasons, salt stocks will only be deposited at the roadside in approved salt bins.

## **LOCATION OF SALT BINS**

Subject to in year variations

Adridge Road, Streetly
Albion Road, Willenhall - side of no 48
Aldridge Road, Walsall - opp Airport Entrance
Ambergate Close, Bloxwich - outside no 6
Aviemore Crescent, Pheasey o/s no33
Banks Street, Willenhall - Junc Ames Street (End Of Belinda Close)
Bankside Crescent, streetly Junc Hundred Acre Road
Barcroft
Barr Common Close - on grass verge, Aldridge
Barr Common Road Junction of Longwood Road Aldridge opp no 42
Beacon Hill, Streetly - opp Chevrons on verge
Beacon Rd, Pheasey - on verge in service Rd Junc Hillingford Rd
Beacon Road, Pheasey - opp Bridle Lane - in bus layby
Beatrice Street, Bloxwich - Junc Green Lane
Beaufort Way, Aldridge
Beechcroft Crescent adj to no 49
Beechcroft Crescenty opp no3
Beechdale Library
Beechy Close,Pheasey - o/s no 1
Belvedere Road, Walsall - opp no 2
Bentley Drive o/s 68 - Junc Edward street - Bentley New Lane
Bentley Place - s/o 10 Bentley Drive

Berryfields Junc Linley Wood Road, Aldridge
Bescot Crescent - opp no 1, Walsall - Junc Wednesbury Road
Bilston Street, Willenhall - on bridge before Rosehill Gardens s/o LP14)
Birmingham Rd , Walsall - opp Merrions Close (on f/w)
Birmingham Road, Walsall - opp Skip Lane (on f/w)
Blackwood Avenue o/s 5
Blakemore Road, Walsall Wood - Junc Druids Walk
Blithfield Road
Bloxwich Library
Bloxwich Cemetry
Blue Cedar Drive
Boatmans Lane, Walsall Wood - Lathams Bridge near Binary House
Boundary Road, Streetly s/o no 2 - Junc Goodwood Drive
Bridge Street, Clayhanger Junc High Street
Bridgeman Street, Walsall - opp Station Street
Bridgnorth Grove, Willenhall - opp no 2
Broad Lane, Bloxwich (on embankment opp 112 Tintern crescent)
Broadway North, Walsall - opp no 36
Broadway Safer working partnership
Burnside Gardens, Park Hall, Walsall Junc Lodge Rd o/s no 30
Byeways, Bloxwich - (side of 93 Stoney Lane)
Caldmore Road, Walsall - Nest to lamp column 8 - opp no 54
Camden Street Nxt to 38, Walsall Wood - junc black cock bridge
Carlton Avenue, Pheasey - Junc Carlton Croft
Castle Street, Brownhills - Junc Castle Close
Castlefort Road, Walsall Wood - Junc Fort Crescent
Cedar Avenue, Brownhills
Charlemont Road, Walsall - Junc Camberra Road
Charlesdale Drive, Aldridge - o/s no 1
Chase Road, Brownhills
Chepstow Road, Bloxwich
Churnhill Road, Aldridge o/s shops
Clockmill Road, Pelsall - Junc Clcokmill Avenue
Coltham Road, Willenhall - Junc Wood Lane (Opp Bains Off Licence)
Comsey Road, Pheasey - o/s no 34
Co-op New Invention
Co-op Pelsall
Coppice Lane, Willenhall - opp Amery Club
Cotswold Grove, Willenhall
Countess Street
Crail Grove, Pheasey
Darlaston Library
Darlington Street - opp no 6, Junc New Cross Street
Daw End Lane junction Lime Grove
Dolphin Close
Dunbar Grove, Pheasey - o/s no 1
Earl St

Elmstead Close - opp no 1 - Junc Downham close, Walsall
Elmtree Road, Streetly - Junc Cherrywood Road o/s no 3 Elmtree
Erdington Road, Streetly - side no 119 in Hayfield Grove
Farrier Road, Pheasey - o/s no 28 Junc Crome Road
Featherstone Road junction Hardwick Road
Field Maple Drive
Field Road junction Victoria Ave
Foley Road East
Foley Road West, Streetly - o/s Foley Arms Pub
Foley Road West, Streetly - opp Hazelwood Road
Fordbrook Lane, High Heath - opp no 73
Foxwood Avenue, Birmingham - o/s 4
Garnet Avenue, Pheasey - o/s no 1
Glebe Street, Walsall - o/s Social Security Building
Gough Street, Willenhall - Junc o/s 74 Stringes Lane
Greenwood Road/Hillside, Aldridge - Junc of Hill View
Harden Road, Goscote (on Coalpool bridge opp 258 Harden Road)
Hatherton Road Multi Storey Car Park x 2
Hatherton St Car Park near WHG Building
Hawthorne Road, Shelfield - Junc Lichfield Road
Hazelwood Road, Streetly - Junc Cedar Road
Hazelwood Road, Streetly - Junc Limetree Road
Heath Acre
Hereford Close Aldridge
Helston Rd junction Cambourne Road
High Street, Walsall - Junc Goodall Street
High Street, Walsall Wood - o/s St Johns Medical Centre
Highgate Road - Junc Sandwell Ave
Highgate Road junction Avion Road
Hillcrest Gdns junction Longwood Rise Willenhall
Hillingford Avenue, Pheasey -Junc Horsley Road o/s no 32
Hillside, Brownhills junc Friezland Lane - LP 19
Hilton Road Allens Centre
Hollands Way, Walsall Wood
Hollyoak Road, Sutton Coldfield - opp no 7
Horsley Road, Pheasey - o/s no 1
Inglewood Grove- Junc Wood Lane, Streetly
Intown Row - opp 5TH Battalion - club (on carpark f/w), Walsall
Ivanhoe Road, Pheasey - o/s no 49
Kinross Crescent, Pheasey - Junc Berwick Close
Knaves Castle Avenue, Brownhills
Latimer Street, Willenhall - side of no 13
Laurel Drive junction Maxholm Road
Laurel Drive junction Mullberry Walk
Lawson Close, Aldridge - o/s no 21
Lawson Close, Aldridge, Walsall - opp no 5
Leamore Lane, Bloxwich - Junc Reaymear Close



Leighton Close, Pheasey - o/s no 16
Leighton Road - s/o 44 Great Bridge Road, Moxley
Leyland Croft on RBT
Licfield Road, Walsall Wood - Junc Coppice Road by bus shelter
Lichfield Road- s/o 162, Brownhills - Junc Shire Ridge
Lichfield Road, Sandhills, Brownhills - opp no 2
Lichfield Road, Sandhills, Brownhills - opp no 52
Lichfield Road, Sandhills, Brownhills - opp no 84
Lichfield Street side of Library
Lime Tree Road, Streetly - Junc Beechcroft Crescent o/s no 68
Lime Tree Road, Streetly - Junc Beechcroft Crescent o/s no 3
Lincoln Rd junction Princess Avenue
Linton Road, Pheasey - o/s no 12
Little London
Livingston Road, Bloxwich - Junc Green Rock Lane
Longwood Rise junction Hillcrest Gdns
Longwood Road / Beacon Hill Junc Traffic Lights
Lowlands Ave, Aldridge Road
Lowlands Avenue, Streetly - Junc with Lilac Ave -s/o 72 Lowlands
Lysway Street, Walsall - Junc Hanch Place
Marklew Close, Brownhills
Marwood Croft junction Carlton Avenue Streetly
Maybrook Road, Walsall Wood - o/s Unit 21 (opp Heath Yards)
Maybrook Road, Walsall Wood Junc Coppice Road
Maybrook Road, Walsall Wood -o/s Frieght Terminal (Frans Mass yard)
Mill Place, Harden (o/s 1 Mill Place, Junc Coalpool Lane)
Monmore Lane, Willenhall - on bridge before the garage
Netherall Park Estate
Nevison Road, Pheasey - Junc of Waverley Road
New Road, Brownhills - Junc Church road opp 38
New Street, nxt to LP 1, Walsall
New Street, Rushall - Junc Rowley Place (Rushall Mews)
New Street, Shelfield
Newquay Road, Park Hall, Walsall - opp Newquay Close
Nighwood Drive - Junc Laneside Avenue, Streetly
Norfolk New road
Old Lindons Close Streetly
Paddock Lane
Pargeter Street / Wolverhampton Road
Pelsall Village
Penryn Rd
Pheasey Library
Phoenix Rise, Darlaston - side of no 3
Pinetree Drive, Streetly Junc Whitethorn Crescent o/s no 28
Pinfold Court Darlaston
Pinfold Lane, Streetly - opp Crook Lane on verge
Pinley Grove, Pheasey - o/s no 2

Pinson Road, Willenhall - R.H. side of Middleton paper entrance)
Planetree Road, Streetly - Junc Yewtree Road opp 22
Pleck Library
Pomeroy Road, Pheasey - o/s no 59
Pommel Close
Quantock Close, Brownhills
Queslett Road, Pheasey - opp Allingham Grove - on verge
Queslett Road, Pheasey - opp no 226
Raymond Close, North Walsall - opp no 8
Reaburn Road, Pheasey - o/s Pheasy Park Primary school
Redruth Road, Park Hall, Walsall - opp no 43
Ridgeway, Aldridge - o/s no 22
Roberts Road, Coalpool o/s no 9
Rollingmill Street, Walsall -right side of Cemetary entrance
Rushall Library
Ryecroft Cemetry
Sandbeds Road , Willenhall - o/s Cenataph junc High Road
Selmans Hill, Bloxwich - opp no 54
Selvey Avenue, Streetly
Sherlock Close - Junc Lowbridge Close o/s Neighbourhood office, Willenhall
Short Street, Brownhills - o/s St James House
Simmonds Place, Brownhills - Junc Hillside
Skip Lane, Walsall - Junc Brackenwood Road
Sneyd Lane - Junc Crab Lane, Willenhall
Somerford Place, Willenhall - before the bridge on right
South Walsall Library
St Austell Road junction penryn Road
St Giles School
St Ives Road, Park Hall, Walsall - Junc Newquay Road s/o no 9
St Johns Road, Brownhills - o/s no 18
Stirling Crescent, Willenhall - Junc side of 25 The Hayes
Stirling Crescent, Willenhall - opp no 23 junc of The Hayes
Stonehurst Road -o/s no 86, Pheasey - opp Selvey Road
Stoney Lane, Bloxwich - Junc Millfield Avenue
Stoney Lane, Bloxwich - opp no 143
Stoney Lane, Bloxwich - opp no 73
Straight Road, Willenhall (s/o 48 Straight Road)
Streetly Library
Streetly Crem
Sutton Road, Streetly - at the Beacon Traffic Lights
Sutton Road, Walsall - o/s no 497
Tamworth Close, Brownhills - o/s The Flats
The Crescent, Willenhall - Right side of Robin Hood Garage
The Crescent, Willenhall (end of Fletchers Lane)
The Pines, Walsall - Junc Emery Close
Thistledown Close
Tyndale Crescent, Pheasey - opp no 74

Union Street, Walsall - opp Millsum House Flats
Upper Rushall Street, Walsall - o/s car park - Lyndon House
Vale View, Aldridge
Valley View, Brownhills - Junc Catshill Road - opp Millfield Primary
Vicarage Walk, Caldmore, Walsall - near to no 13
Victoria Road, Darlaston - op Victoria House
Wallows Lane opp 148
Walsall Road , Rushall - Pelsall Lane - opp no 2
Walsall Road Junc Station Road, Aldridge
Walsall Wood Library
Warewell Street, Walsall - Junc Balls Hill
Wayside Gdns junction Furzebank Way
Well Lane Junction Walker Road
West Bromwich Road, Walsall - next to lamp column 16 (opp 250)
Westville Road, Walsall - o/s no 4
Whetsone Lane, Aldridge - o/s no 233
Whitmere Street, Junc New Mills Street
Willenhall Lane, Bloxwich
Willenhall Lawn Cemetry
Willenhall Library
Wimpress Way, Pheasey - Junc Beacon Road
Wolverhampton Street, Darlaston - op Staffordshire Knott Pub
Wood Lane junction Forge Lane
Woodlands School
Woodside Road / Calthorpe RBT, Park Hall, Walsall
Yewtree Road, Streetly - Junc Elmtree Road opp 74

# **SALT BIN REQUEST ASSESSMENT FORM**

(For use with new requests only existing salt bin locations to remain)

Road Name \_\_\_\_\_

Name of Assessor \_\_\_\_\_

Location \_\_\_\_\_

Requested By \_\_\_\_\_

Ward \_\_\_\_\_

Date of Assessment \_\_\_\_\_

## **1. Gradient of Carriageway**

Greater than 1 in 10	100	
1 in 10 to 1 in 15	50	
1 in 16 to 1 in 30	30	
Less than 1 in 30	Nil	

## **2. Carriageway Horizontal Alignment**

Bend < 100m Radius	60	
Bend < 250m Radius	20	
Bend > 250m Radius	Nil	

## **3. Close Proximity (25m) and Falling Towards**

A road	90	
B road	75	
Classified unnumbered road	50	
Unclassified road	30	

## **4. Number of Premises for Which Only Access (cul-de-sac)**

Over 50	30	
20 to 50	20	
0 to 20	Nil	

**TOTAL SCORE** \_\_\_\_\_ (min 200 required)

**SALT BIN APPROVED - YES / NO**

## **Snow Champions**

Volunteer snow champions will be recruited from fit and active people with an interest in helping their local community. They will be provided with good practice advice and equipped to undertake snow and ice clearance from footpaths and walkways in their local community.

The Council will provide a high visibility vest, gloves, 30kg of salt and snow shovel to help them and their neighbours to maintain access to property and local community facilities when weather conditions are poor.

General advice provided to Snow champions:

- There's no law to prevent you from clearing snow and ice on the footpaths outside your property or public spaces but anyone clearing footways should be careful, use common sense and not do anything which would make the footway more dangerous to use.
- Your safety is of paramount importance so always wear your high visibility vest, warm clothing and sturdy footwear when undertaking snow clearance.
- Only clear snow from pavements and footways; do not clear snow from any roads.
- Always face oncoming traffic when working near a carriageway.
- If you are working alone, always tell a friend or relative where you are and when you are likely to return.
- If you can, start to clear the snow before it's compacted by people walking on it.
- Always bend your knees and not your back when shoveling snow.
- Spread salt as you progress to stop ice forming on the area you have cleared.
- Think carefully about where you pile snow; do not block driveways, drainage channels and never place it in the road.
- Do not use water to melt snow and ice, this will just re freeze and make the pathway more slippery.
- Always take regular breaks as snow clearance is hard work.
- Always wear your gloves to prevent salt contamination on your hands and pay particular attention to avoid salt contact with your eyes.
- Should you run out of salt, your tubs can be refilled from any of the roadside salt bins but always wear your snow champion reflective vest when doing so.



## **Communications**

The provision of timely and accurate information about current and predicted road network conditions is vital in assisting the travelling public with their journey planning decisions.

The Council will provide regular updates through a range of social media, its corporate Web site and through variable message signs located at strategic points on the road network.

Motorists are advised to be prepared for the worst, and always consider if the journey is essential prior to departure. When the journey is essential, motorists are advised to check the weather conditions first and if possible plan their journey around parts of the road network subject to treatment.

Information on current adverse weather conditions and the council winter service response to those conditions can be found on the following link:

[http://cms.walsall.gov.uk/index/transport\\_and\\_streets/highway\\_maintenance/winter\\_service.htm](http://cms.walsall.gov.uk/index/transport_and_streets/highway_maintenance/winter_service.htm)

### **Public Self Help**

Guidance has been published by the Department for Transport on how the public can assist their communities in clearing snow and ice without fear of litigation. This useful Information can be found on the following link:

[http://webarchive.nationalarchives.gov.uk/20121015000000/http://www.direct.gov.uk/en/NI1/Newsroom/DG\\_191868](http://webarchive.nationalarchives.gov.uk/20121015000000/http://www.direct.gov.uk/en/NI1/Newsroom/DG_191868)

## **Decision Making Procedure**

Decision makers will determine and coordinate the Council response to winter weather conditions. The decision maker will review the weather forecast information, data available from weather stations locate within the borough and taking account of the National Winter Service Research Group practical guide for winter service, March 2019.

All decision making is accurately recorded to aid learning and development for decision makers whilst providing an audit trail of the council's winter service response.

**SAMPLE DECISION MAKING PROCEDURE**  
(FOR GUIDANCE ONLY)

Recommended Spread Rates – Dry Salting (g/m <sup>2</sup> ) Treatment Matrix 8.6.7				
Road Surface Temperature (RST) when frost/ice is predicted	Spreader Capability			
	Fair		Good	
	Dry/Damp Road	Wet Road	Dry/Damp Road	Wet Road
At or above -1.0°C	8	8	8	8
-1.1°C to -2.0°C	8	11	8	8
-2.1°C to -3.0°C	9	17	8	13
-3.1°C to -4.0°C	12	23	9	17
-4.1°C to -5.0°C	14	28	11	21
-5.1°C to -7.0°C	20	39	15	30
-7.1°C to -10.0°C	27	54	20	40
-10.1°C to -15.0°C	38	75	28	56

# Sample Duty Officer Daily Record Sheet

Name:

Date:

Duty Officer:

Forecast and Decision Record

Time of Issue:

Forecaster's Name:

Forecast Summary	RAG	MIN RST	MIN AIR	TIME RST <0°

Action:

## **Decision Makers**

<b>Walsall Council Decision Makers</b>	<b>Division</b>	<b>Telephone Number</b>
Shabina Afzal	Traffic Management and Coordination	01922654680
Paul Baker	Highways Maintenance	01922654666
Luke Turner	Traffic Management and Coordination	01922654564
James Dodd	Traffic Safety and Operation	0192265000