

# HIGHWAY MAINTENANCE SERVICES

## WINTER MAINTENANCE MANUAL

2010 / 11



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**YO10 3DS**



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## 1.0 **STATEMENT OF THE SERVICE**

- 1.1 The aim of the winter maintenance service is, as far as is reasonably possible, to allow the safe movement of traffic, pedestrians and cyclists, on York roads, footways and cycleways in times of adverse winter weather. It also seeks to keep delays and accidents to a minimum.
- 1.2 The service uses MeteoGroup for weather forecasting and Vaisala Ice Prediction Service. A Communities & Neighbourhoods Duty Officer determines what precautionary action to take and when to deploy the operational resources for clearing of snow and ice.
- 1.3 The winter maintenance season for York is between 1st November and 31st March, however, monitoring of the weather will begin in October and extend through until April.
- 1.4 In times of exceptionally severe weather conditions, the Winter Maintenance Group will be convened to co-ordinate the winter maintenance service. (See Annex 14)
- 1.5 Precautionary treatment will be undertaken before ice forms or snow settles on the highway. The precautionary treatment will only be to footways and carriageways on the defined network, which excludes most footways, cycleways and all car parks. Snow clearance is based on a priority network for carriageways and footways. The treatment is co-ordinated with the NYCC, East Riding and the Highways Agency (A-one+) to ensure a reasonable continuity of treatment, this does not necessarily mean that similar treatments will apply.

If there is a formal diversion route in place for traffic management reasons this route will be treated for the duration of the diversion.

### 1.6 The treatments are:-

- precautionary treatment by lorry mounted spreaders of Safecote on the primary gritting routes;
- clearance of snow on carriageways by ploughing and when necessary, the application of Safecote and/or grit sand;
- clearance of snow and ice on footways by powered footway snow ploughs and shovelling and, where necessary, the application of salt and grit sand;
- clearance of snow and ice on footstreet carriageways by trailer gritter and snow ploughs;
- approximately 265 salt bins located throughout the area for resident use on footways.
- temporary salt bags placed in predefined locations when instructed by the Winter Maintenance Group

- 1.7 Primary gritting routes include
- all classified roads
  - links between villages and main roads
  - public transport and school bus routes
  - access roads to park and ride sites.

- 1.6 Secondary gritting routes include
- roads with minimum width 5m that are not regularly obstructed by parked cars
  - links between other roads (no cul de sacs)
  - roads serving areas of dense population, care homes or schools
  - form part of a logical route
- Secondary routes will only be treated when instructed by the Winter Maintenance Group.

- 1.7 The service will issue information to its customers to keep them advised of the action being taken and the level of service expected. This will be done as publicity through the media, displays and leaflets, and Ward Committees.

## 2.0 **ROLES AND COMMUNICATION**

### **Roles**

- 2.1 Communities & Neighbourhoods are responsible for the management operation and co-ordination of the winter maintenance service. They will monitor the weather and respond to changing conditions. A Duty Officer is responsible for decision making and issuing of instructions to the Operations Supervisor for treatments. Communities & Neighbourhoods are also responsible for monitoring and reviewing the service to the benefit of the City Council customers and, as far as possible, provide an information service and advice about the service.

### **Communication**

- 2.2 Road conditions in winter can change very quickly. It is vital that effective liaison and communication exists between the Weather Centre, Duty Officer, Operations Supervisor, Police, media, Emergency Services, public transport, NYCC, A-one+ and Council Members.
- 2.3 The Duty Officer and Operations Supervisor will communicate by email, fax and telephone, but particularly by telephone out of hours, Bank Holidays and weekends. See Annex 2 for rotas and telephone numbers. Duty Officers and Supervisors will keep mobile telephones operational at all times so that quick contact can be made when necessary.
- 2.4 The Duty Officer will issue an instruction using Form A (see Annex 3) every day (except Bank Holidays and weekends) to the Supervisor as soon as possible after the midday forecast is issued. Subsequent instructions may be issued by telephone and confirmed as soon as possible using Form A.
- 2.5 The midday instruction will be emailed or faxed to NYCC, East Riding and A-one+ Operational Units.
- 2.6 At the judgement of the Duty Officer, Press Releases will be issued for immediate release to Radio York and Minster FM when it is appropriate for the travelling public to be made aware of sudden changes in weather and the action being taken. This may be by telephone.
- 2.7 Any calls received by the Customer Centre concerning winter maintenance should be referred to the Duty Officer.
- 2.8 In times of prolonged severe weather, the press and radio will be advised when the Winter Maintenance Group has been convened and regular updates on the service will be issued to the media.
- 2.9 In October each year a leaflet, advising of the winter maintenance service is produced and is available throughout the winter season in all the Council's libraries and Departmental receptions.
- 2.10 The information contained within this leaflet is also placed on the council web site.
- 2.11 Customers are made aware of the existence of the leaflet and web site information in October via ward newsletters and posters on notice boards.

2.12 In times of severe weather, the Duty Officer will contact the public transport team to advise them of any problems and the actions being taken.

### 3.0 **OPERATIONAL PROCEDURE**

#### 3.1 **Pre Season Activities**

##### *Highway Maintenance Services*

- Order service from MeteoGroup.
- Order service from Vaisala.
- Review previous season.
- Review and amend routes for treatment and snow clearance.
- Review and amend Winter Maintenance Manual.
- Prepare Duty Officer rotas.
- Co-ordinate with adjacent Authorities/Agencies.
- Advise Police of arrangements.
- Inspection of vehicles and materials.
- Agree communications.
- Issue pre season Instructions to Operations.
- Establish communications with media.
- Publish information leaflet advising the public of the service.

#### 3.2 *Operations*

- Establish stockpiles of materials.
- Servicing of plant and equipment.
- Review and amend routes.
- Carry out driver training.
- Calibration of spreaders.
- Order new salt bins as instructed.
- Put out salt bins and fill.
- Prepare Supervisor/Driver rotas.
- Prepare Supervisor/Footway Operatives rotas (Dec to Feb only incl)
- Review Method Statement.



- Carry out trial runs on routes.

## **Winter Season Daily Activities**

### **3.3 Highway Maintenance Services**

- Check weather forecast
  - early morning
  - early afternoon
  - early evening
  - late evening
- Take advice from MeteoGroup.
- Make decision on proposed action.
- Issue Report/Instruction to:
  - Operations
  - NYCC/A-one+
- Convene the Winter Maintenance Group (when necessary).
- Carry out network inspections.
- Issue publicity releases (when necessary).
- Accept telephone reports/requests and issue instructions.
- Weekend arrangement - Duty Officer to advise Supervisor by telephone
- Co-ordinate winter maintenance activities.

### **3.4 Operations**

- Accept instructions from Duty Officer.
- Mobilise:
  - Drivers
  - Gritters
  - Loaders
  - Fitters
  - Labour
- Carry out treatment.
- Advise Duty Officer of problems.
- Advise Duty Officer when treatment complete.
- Complete treatment logs. (see Annex 6)
- Complete daily reports.
- Telephone reports/requests diverted to Duty Officer.

- Prepare equipment for next action.
- Carry out start and mid season calibration of spreaders.
- Attend Winter Maintenance Group.
- Refill salt bins as instructed by Duty Officer.

### 3.5 Post Season Activities

- Stand down Supervisor/Duty Officer.
- Carry out post season overhaul of equipment.
- Take in salt bins, clean and store.
- Carry out review of service.

### 3.6 Carriageways Treatment

#### *Primary Routes*

- Treatment of route network as drawings in Annex 5.
- Priority snow clearing network as drawing in Annex 6.
- Routes as drawings 1 to 10 in Annex 7.
- Streets included in routes as Annex 8.
- Speed of spreading Optimum gritting at 30mph., where permitted and where applicable
- Precautionary treatment 10g/m<sup>2</sup>.
- Pre-snow treatment 15g/m<sup>2</sup> (x 2 dependant upon when salting last taken place).
- Post-snow salting 15g/m<sup>2</sup> to 30g/m<sup>2</sup>.
- Target times 1 hour mobilisation time.  
2 hours treatment time.
- Mobilisation time time taken from receipt of instruction to leaving depot.
- Treatment time time from leaving depot to completion of treatment.

#### *Secondary Routes*

- Route network as drawing in Annex 16

- Streets included in routes as Annex 16.
- Treatment as specified by Winter Maintenance Group

### 3.7 **Footways Treatment**

- Treatment when the temperature is expected to remain below Zero up to 12 noon the following day.
- Treatment when there are prolonged temperatures of Zero or less and before and after heavy snow.
- Salt bins located through the area for self-help.
- Snow clearance by powered footway ploughs, shovelling as instructed by Duty Officer.
- Application of sand/salt as instructed by Duty Officer.
- Application of Safecote to footways by manual salt spreaders.

*Priority Footways* Annex 10  
 Footstreets and routes from  
 Railway Station/Car Parks  
 Acomb  
 Haxby  
 Old School Court  
 William Plows Avenue  
 Wentworth Road  
 Scarcroft Hill  
 St Helen's Road  
 Bishopthorpe Road  
 Clarence Street / Wigginton Road

Schedule of salt bin locations Annex 11

Schedule of temporary salt bag locations Annex 17

### 3.8 **Off Road Cycle Route Treatment**

- Spreading of grit sand to all cycle routes at start of winter period
- Repeat application to high priority network first then medium priority network depending on resources available
- Snow clearance carried out to network in order of priority
- All treatment carried out in consultation with Council Cycling Officer
- Schedule of Cycle Routes Annex 12

### 3.9 **For standard conditions and actions and chart showing the decision making process See Annex 13.**

#### 4.0 **EQUIPMENT**

Operational Vehicles - will be properly garaged and available for inspection and consist of:

- Lorry mounted salt spreaders - 10 no.  
2 no. standby.
- Loading Shovel 1 no.
- Towed Spreader 1 no. (and 1 standby/spare)
- Towed Sand Spreader 1 no.
- Footway / cycleway Spreader - 3 no.
- Spreader calibration manufacture setting undertaken pre- and mid season  
certification to Duty Officer  
mechanism checked and cleared regularly.
- Snowploughs checked for soundness pre- and mid season  
mechanism checked and cleaned regularly.
- Salt Bins 256 no. approximately
- Training of Operatives winter maintenance operators qualification  
awarded by the City and Guilds Institute.
- Reserve Vehicles in exceptional circumstances, seek assistance  
of local contractors.
- Manual Salt Spreaders 8 no.

## 5.0 **MATERIALS**

Safecote

The precoated salt to be used for winter maintenance operations is in accordance with BS3247 1991 and is a suitable grade so as to be fit for the purpose.

Stockpile

- 2900 tonnes - start of season.
- 1000 tonnes - minimum stockpile.
- 60 tonnes/operation.
- Storage at Hazel Court

Sand

The grit sand to be used for winter maintenance operations is a suitable grade so as to be fit for the purpose.

Stockpile

- 50 tonnes - start of season.
- 25 tonnes - minimum stockpile.
- Storage at Hazel Court

## 6.0 **WEATHER FORECASTING**

- 6.1 During the winter season the weather forecasting service will be provided by the MeteoGroup Roadcast or similar organisation.
- 6.2 Forecast Procedure  
Weather forecasts are web based and provided by MeteoGroup which operates on GMT throughout the year.
- 6.3 Mon - Fri Office Hours  
A 24 hour advanced forecast is available for the Duty Officer at around 1 pm and a decision can then be made by the Duty Officer whether or not to treat the network but this is dependant on the confidence level of MeteoGroup Roadcast forecast. If a decision is made to carry out treatment then the Duty Officer will make the necessary arrangements with the supervisor. However if the forecast is marginal, a further update is obtained at 1800 hours. Again depending on the confidence level of the MeteoGroup forecast a decision is taken at this time. If the forecast is still marginal the Duty Officer will monitor the weather using a home based laptop computer and action treatment if required.
- 6.4 Mon - Fri outside office hours, weekends and public holidays.  
The procedure is as outlined in 6.3 except that the Duty Officer uses the dedicated home based laptop computer. The Duty Officer will inform the operations supervisor by telephone as soon as the decision is made. The Duty Officer will also update Senior Officers and the Directorate elected member.
- 6.5 All forecasts and decisions are logged on a hard paper file for record purposes and to be used should a third party public liability claim subsequently arise as a result of winter weather.
- 6.6 A Consultancy Service is provided by the MeteoGroup Forecaster and the Duty Officer must make good use of this service especially when the need arises to discuss marginal forecasts, when we can expect significant levels of snowfall or anything whatsoever which will aid the Duty Officer in the decision making process.
- 6.7 Significant changes to the forecast.  
The MeteoGroup Roadcast office will notify the Duty Officer immediately if there is a significant change to any earlier forecast. This can be done at the 1800 hours electronic update or by telephone. If this change occurs out of office hours the forecaster will telephone the Duty Officer on their home and/or mobile telephone. A significant change is defined as a 2 degree difference in temperature or a change in temperature or an unforeseen precipitation forecast.

## 7.0 **SPECIFICATION**

### **Precautionary Salting**

- 7.1 Precautionary salting shall only be carried out on defined roads and footways, normally under the following circumstances:
- a) on wet roads where a weather forecast indicates that freezing conditions may occur.
  - b) on roads where a hoarfrost is predicted (this occurs when the road surface temperature is below zero and at or below dew point).
  - c) in the absence of forecast information when falling temperatures reach +1°C providing that account has been taken of the prevailing humidity, residual salinity and cloud cover - advice should be sought from the MeteoGroup Roadcast in the event of any doubt about these matters.
- 7.2 The decision making process is contained in Annex 13 of this manual.
- 7.3 Meteorological information will be obtained direct from the MeteoGroup Roadcast office and/or via Vaisala.
- 7.4 Precautionary treatment shall be carried out at a minimum rate of 10g/m<sup>2</sup>. When freezing conditions occur, or are expected to occur after rain, precautionary salting rates shall be increased to 15g/m<sup>2</sup> or 20g/m<sup>2</sup> in exceptional conditions. In these conditions treatment shall be delayed to reduce loss of salt by run off unless freezing conditions coincide with rainfall.
- 7.5 Where ice and/or snow has formed on the road surface, Safecote shall be spread at a rate of 2 x 15g/m<sup>2</sup>. In these conditions priority shall be given to high category roads (Annex 6).
- 7.6 In the event of sustained low temperatures account shall be taken of the need to increase the rate of spread of salt by approximately 1.0g/m<sup>2</sup> for every 1°C drop in temperature below -5°.
- Below -11°C the action of salt is ineffective.**
- 7.7 Water from thawing snow can spread across the carriageway and freeze. Additional treatment may be required to deal with this (based on Duty Officers instructions).

### **Black Ice**

- 7.8 Black Ice forms when roads and footways, which have not been treated, are covered with a film of water after rainfall or with melting snow and there is a sharp drop in temperature (a sudden loss of cloud cover) and a thin sheet of ice forms on the surface. Under these conditions the action of Safecote will be less effective and sand will need to be spread on the surface, this will be done at the Duty Officers instruction.

### **Snow Clearing**

- 7.9 Operational Stages

For the purposes of this plan, there are three operational stages in snow clearing:

- Stage 1        Light Falls of undisturbed accumulation of snow reaching a depth less than 35mm
- Stage 2        Moderate Falls of snow reaching a depth of from 35mm to 100mm, or light falls associated with drifting.
- Stage 3        Heavy Falls of over 100mm or moderate fall associated with drifting.

- 7.10 When continuous snow is forecast the precautionary spreading rate shall be increased to a continuous 15g/m<sup>2</sup> or 20g/m<sup>2</sup> depending on the anticipated severity of the snowfall. The presence of Safecote will melt the initial snowfall and provide a wet surface beneath subsequent snow, thus easing the work of ploughing. The Duty Officer will provide advice on the spread rate.
- 7.11 When a light snowfall occurs and precautionary treatment has not been carried out, dispersal may be effected by spreading Safecote at a rate of up to 2 x 15g/m<sup>2</sup>. Where a succession of treatment runs are undertaken prior to or during snowfall these are to be clockwise then anti-clockwise and repeating as required, directed by WMDO. The action of traffic will accelerate this process. It will not normally be necessary to plough except where local drifting has occurred.
- 7.12 Road ploughing shall be undertaken as soon as the depth of snow exceeds 35mm, with the use of side blades, supplemented by Safecote spread at the rate of 15g/m<sup>2</sup>. Only in exceptional circumstances should repeated applications of Safecote be used as an alternative to ploughing in rural areas. In urban areas where problems may be experienced in ploughing the carriageway due to a build up of snow in channels it may be necessary to make more than one salting run.
- 7.13 When heavy snowfalls occur it may be found useful to plough continuously, to prevent build up and compaction by traffic. Such ploughing can be combined with simultaneous treatment at 15g/m<sup>2</sup>. However once snow depths of 120mm have been reached, when tackling snowdrifts or on gradients, it may be necessary to continue ploughing without Safecote treatment. In these conditions the weight of a Safecote load will aid vehicle traction. In certain circumstances snow may be loaded into vehicles and removed from site to allow the carriageway to be cleared (based on Duty Officer's instructions). Any snow removed within the City Centre will be taken to the River Ouse for disposal.
- 7.14 In the event of such extreme conditions that road blockages due to snow are likely to occur throughout the City, resources shall be concentrated on the defined snow clearance routes (Annex 6).
- 7.15 The decision making process in the event of snow clearing operations is contained in Annex 13 of this manual.
- 7.16 Ploughing should be carried out to avoid the creation of irregular windows in the carriageway and the build up of snow across road junctions, against gates, bridge parapets, fences and walls. This applies particularly to level crossings where close co-operation with the railway service provider must be maintained.
- 7.17 If hard packed snow conditions should occur sharp sand or small aggregate can be spread through tailboard or by towed gritters. Reversion to Safecote should be made as soon as possible since abrasives contribute little to the removal of snow and ice and may block drains and gullies.



- 7.18 Every effort should be made to remove slush from carriageways by the use of side blades particularly when the current weather forecast indicates that freezing conditions are expected.
- 7.19 With regards to snow clearance at railway level crossings, from bridges over railway and rail systems and from roads in the vicinity of railways the Council does comply with the guidance given in the Department of Transport Circular Roads No. 18/77. A copy of this is attached in Annex 3.

### **Treatment of Footways**

- 7.20 Precautionary treatment of some strategic footways will be carried out when the footways are expected to remain below Zero up to 12noon the following day and or where there is a prolonged period of Sub-Zero temperatures, or when snow is forecast to fall and give accumulations. (See Annex 10 for details).
- 7.21 In central urban areas and at other approved locations shown in Annex 10 the treatment of snow or heavy frost may be carried out by the application of Safecote or a grit/Safecote mixture as and when directed by the Duty Officer. Snow exceeding 25mm in depth should be removed prior to this treatment. Only in prolonged adverse weather conditions should treatment be extended to other footways.
- 7.22 If Black Ice forms at locations around the City Centre the Duty Officers will make an early decision whether to apply grit sand to the affected areas.
- 7.23 Highway Maintenance Services have established a priority listing of footways to be treated in accordance with item 3.7 and shown in Annex 10.
- 7.24 Communities & Neighbourhoods will have men on standby for footway treatment between the period December to February (inclusive). The remainder of time will be similar subject to WMDO's discretion or if occasional treatment needed manned by volunteers of Communities & Neighbourhoods .

### **Safecote**

- 7.25 Rock salt pre-coated with Safecote complying with British Standard BS3247.1991 shall be used for the winter maintenance of the defined roads. BS3247.1991 specifies the essential properties of the salt and includes details of test procedures for determining these properties.
- 7.26 Reserves of Safecote will be held within the general stockpiles contained in Communities & Neighbourhoods, Hazel Court depot.
- 7.27 Safecote will be made available from 1 October each year by Communities & Neighbourhoods Operations for use until the conclusion of the winter maintenance period (generally 30 April the following year) or as directed by the Winter Maintenance Duty Officer.

- 7.28 During this period it will be Communities & Neighbourhoods Operations responsibility to ensure that the Safecote is maintained in a suitable condition to ensure its correct application by Communities & Neighbourhoods Operations winter maintenance vehicles to the road surface.
- 7.29 The Safecote moisture content will vary dependent on the method of storage used and Communities & Neighbourhoods Operations shall take action as necessary to maintain the Safecote to the requirements of BS3247.1991, during the period of responsibility.
- 7.30 Safecote, when evenly distributed across the carriageway surface, will offer protection against the formation of ice generally in accordance with the details given below:

Rate of Application	Minimum Temperature
10/15 g/m <sup>2</sup>	-3/-4°C
15/20 g/m <sup>2</sup>	-4/-6°C
25/30 g/m <sup>2</sup>	-10/-12°C

- 7.31 In exceptional circumstances Communities & Neighbourhoods Operations will be required to apply an abrasive aggregate either separately or in addition to rock salt as directed by the Duty Officer.

### **Restriction in salt supply**

- 7.32 In order to conserve salt stocks in times of restricted supply the following mixes will be introduced when levels drop to:

Stock level	Location	Mix (salt:grit sand)
1000t	All routes	3:1
500t	City centre routes (1,2,3,4,9)	1:1
	Remaining higher speed routes	3:1
250t	All routes	1:1

All these options will be ratified by the Winter Maintenance Group dependent on prevailing conditions and weather forecasts.

## 8.0 **EXTREME WEATHER POLICY**

8.1 Extreme weather is defined as being either  
when snow is lying on the ground which is a minimum of 50 mm deep and  
the weather forecast is for severe conditions to last for more than 3 days  
or  
a prolonged cold spell is forecast, where temperatures remain below  
freezing for at least 5 days.

8.2 In the event of extreme weather the Winter Maintenance Group (WMG) will be  
convened by the Director or Assistant Director of Communities and  
Neighbourhoods. The group will comprise representatives from  
Adults, Children & Education  
Emergency Planning  
Highway Maintenance  
Marketing and Communications  
Network Management  
York Customer Centre  
IT & T

and will be chaired by the Director or Assistant Director of Communities and  
Neighbourhoods, or the Chief Executive.

8.3 A confidential list of names and contact details for members of the WMG is  
included in Annex 14. It is the responsibility of the individual departments  
concerned to ensure that this list is kept up to date.

NOTE: ANNEX 14 IS A RESTRICTED CIRCULATION DOCUMENT

8.4 During the extreme weather, all road and footpath treatments carried out by City of  
York Council (both on and off the public highway) will be coordinated by the WMG.

8.5 All operations instructed by the WMG will be dependant on resources of labour,  
plant and materials available, including the availability of salt.

8.6 The WMG will instruct the treatment of secondary routes and footpaths. The  
secondary route network is shown in Annex 16. The secondary footpaths will be  
defined by the WMG in accordance with prevailing conditions. Priority for  
secondary footpath treatment will be given to elderly persons' homes, local  
shopping areas and schools, as listed in Section 10. The criteria for secondary  
footpath treatment will depend on the layout and use of each individual location.

8.7.1 The WMG will instruct the placement of temporary salt bags in the locations shown  
in Annex 17.

8.7.2 The WMG will consider treatment of surface level car parks subject to the  
availability of resources.

## 9.0 **CROSS BOUNDARY ARRANGEMENTS**

- 9.1 There are no cross boundary arrangements with A ONE + (Highways Agency), East Riding of Yorkshire Council and North Yorkshire County Council. All routes are curtailed at the boundary.

## 10.1 POST OFFICE LOCATIONS

Acomb PO  
65 Front Street, Acomb  
Tel: 798301

Beckfield Lane PO  
147 Beckfield Lane  
Tel: 785910

Bishopthorpe PO  
25-27 Main Street, Bishopthorpe  
Tel: 706186

Broadway PO  
44 Broadway  
York  
Tel: 627290

Brockfield PO  
60 Brockfield Park Drive  
Tel: 624768

Copmanthorpe PO  
9 The Shopping Centre, Copmanthorpe  
Tel: 706287

Crichton Avenue PO  
1 Intake Avenue  
Tel: 622804

Dringhouses PO  
14 Tadcaster Road  
Tel : 706438

Dunnington PO  
29 York Street, Dunnington  
Tel: 481320

Eastholme Drive PO  
Costcutter Store  
20 Eastholme Drive  
Tel: 628391

Foss Mount PO  
191-193 Huntington Road  
Tel: 624619

Haxby PO  
41 The Village  
Tel: 763395

Heslington PO  
13 Main Street, Heslington  
Tel: 412171

Heworth PO  
73 East Parade  
Tel: 424641

Hopgrove PO  
Orchard Nurseries  
48 Hopgrove Lane South  
Tel: 421153

Huntington PO  
43 North Moor Road, Huntington  
Tel: 769180

Lendal PO  
22 Lendal  
Tel: 0845 7223344

Market Place PO  
4 Colliergate  
Tel: 651398

Melrosegate PO  
204 Melrosegate  
Tel: 411964

Micklegate PO  
95 Micklegate  
Tel: 622059

## **POST OFFICE LOCATIONS**

Naburn PO  
The Reading Rooms  
Front Street, Naburn  
Tel: 644100

New Earswick PO  
20 Hawthorn Terrace, New Earswick  
Tel: 761757

Skelton PO  
52 Fairfields Drive, Skelton  
Tel: 470837

Stockton on the Forest PO  
52 The Village, Stockton on the Forest  
Tel:

Strensall PO  
53-55 The Village, Strensall  
Tel: 490301

Tang Hall Lane PO  
192-194 Tang Hall Lane  
Tel: 412959

Upper Poppleton PO  
Station Road, Upper Poppleton  
Tel: 794365

Walmgate Bar PO  
101 Walmgate  
Tel: 623956

Wheldrake PO  
58 Main Street, Wheldrake  
Tel: 449382

Woodthorpe PO  
61 Moorcroft Road  
Tel: 707329

## 10.2 SCHOOL LOCATIONS

### **Special Schools**

Applefield School  
Bad Bargain Lane  
Tel: 553900

### **Nursery School**

Elvington Under Fives  
The Green Unit, Dauby Lane  
Tel: 607515

Happy Jays Nursery  
Audax Close  
Tel: 479261

Kaleidoscope/Acorn  
Queen Annes Road  
Tel: 642547

Ladybirds Kinder Class  
St. Andrews Church, Huntington Road  
Tel: 750363

Rainbow Playgroup  
Carr Jnr School, Ostman Road  
Tel: 798996 + 07821351869

St Aelreds R C Primary School  
216 Fifth Avenue  
Tel: 422800

St Paul's Nursery School  
12 St Paul's Square, Holgate Road  
Tel: 622291

Straylands Private Day Nursery  
Fairfield, Malton Road  
Tel: 416306

### **Primary Schools**

Acomb Primary  
West Bank, Acomb  
Tel: 798453

Archbishop of York's CE Junior  
Bishopthorpe  
Tel: 706272

Badger Hill Primary  
Crossways, Hull Road  
Tel: 410213

Bishopthorpe Infant  
Sim Balk Lane, Bishopthorpe  
Tel: 707506

Burton Green Primary (N)  
Burton Green, Clifton  
Tel: 655028

Carr Infant  
Ostman Road, Acomb  
Tel: 798266

Carr Junior  
Ostman Road, Acomb  
Tel: 798996

Clifton Green Primary  
Kingsway North, Clifton  
Tel : 627270

Clifton Without Junior  
Rawcliffe Lane, Clifton Without  
Tel: 624568

Copmanthorpe Primary  
Low Green, Copmanthorpe  
Tel: 705400

## SCHOOL LOCATIONS

### Primary Schools (cont...)

Derwent Infant (N)  
Osbalwick Lane, Osbalwick  
Tel: 410009

Derwent Junior  
Osbalwick Lane, Osbalwick  
Tel: 413231

Dringhouses Primary  
St Helen's Road, Dringhouses  
Tel: 706493

Dunnington CE Primary (VC)  
Pear Tree Lane, Dunnington  
Tel: 489615

Elvington CE Primary (VC)  
Dauby Lane, Elvington  
Tel: 608398

English Martyrs RC Primary (VA)  
Hamilton Drive, Acomb  
Tel: 791370

Fishergate Primary (N)  
Fishergate, York  
Tel: 623511

Haxby Road Primary (N)  
154 Haxby Road, York  
Tel: 653218

Headlands Primary  
Oak Tree Lane, Haxby  
Tel: 762356

Hempland Primary  
Whitby Avenue, Stockton Lane  
Tel: 421065

Heworth CE Primary  
53 Heworth Road, Heworth  
Tel: 424742

Hob Moor Community Primary  
Green Lane, Acomb  
Tel: 555000

Huntington Primary  
North Moor Road, Huntington  
Tel: 768636

Knavesmire Primary (N)  
Campleshon Road, York  
Tel: 653279

Lakeside Primary  
Oakdale Road, Clifton Without  
Tel: 691473

Lord Deramore's Primary (VC)  
School Lane, Heslington  
Tel: 410457

Naburn CE Primary (VC)  
Naburn  
Tel: 633287

New Earswick Primary (VA)  
Hawthorn Terrace, New Earswick  
Tel: 768228

Osbalwick Primary  
The Leyes, Osbalwick  
Tel: 411036

Our Lady's RC Primary (N) (VA)  
Windsor Garth, Acomb  
Tel: 791646



## SCHOOL LOCATIONS

### Primary Schools (cont...)

Park Grove Primary  
Park Grove, York  
Tel: 659727

Poppleton Ousebank Primary  
Main Street, Upper Poppleton  
Tel : 795930

Poppleton Road Primary  
Poppleton Road, York  
Tel: 798789

Ralph Butterfield Primary  
Station Road, Haxby  
Tel: 768325

Rawcliffe Infant (N)  
Eastholme Drive, Clifton  
Tel: 624772

Robert Wilkinson Primary (VC)  
West End, Strensall  
Tel: 490306

Rufforth Primary  
Wetherby Road, Rufforth  
Tel: 738347

Scarcroft Primary  
Moss Street, York  
Tel: 653569

Skelton Primary  
Brecksfield, Skelton  
Tel: 470344

St Aelred's RC Primary (N) (VA)  
Fifth Avenue, Tang Hall  
Tel: 422800

St Barnabas' CE Primary (VC)  
Jubilee Terrace, Leeman Road  
Tel: 653323

St George's RC Primary (N) (VA)  
1 Winterscale Street, York  
Tel: 636427

St Lawrence's CE Primary (VA)  
Heslington Road, York  
Tel: 625131

St Mary's CE Primary (VC)  
School Lane, Askham Richard  
Tel: 707125

St Oswald's CE Primary  
Heslington Lane, Fulford  
Tel: 555421

St Paul's CE Primary (VC)  
St Paul's Terrace, Holgate Road  
Tel: 625240

St Wilfred's RC Primary (VA)  
Monkgate, York  
Tel: 659726

Stockton-on-the-Forest Primary  
The Village, Stockton-on-the-Forest  
Tel: 400366

Tang Hall Primary (N)  
Sixth Avenue, Heworth  
Tel: 424765

Westfield Community Primary  
Askham Lane, Acomb  
Tel: 798451

## **SCHOOL LOCATIONS**

### **Primary Schools (cont...)**

Wheldrake with Thorganby CE Primary  
(VA)  
North Lane, Wheldrake  
Tel: 448564

Wigginton Primary  
Westfield Lane, Wigginton  
Tel: 761647

Woodthorpe Primary  
Summerfield Road, Woodthorpe  
Tel: 705462

Yearsley Grove Primary  
Yearsley Grove, Huntington  
Tel: 656681

### **Secondary Schools**

All Saints' RC (VA)  
Nunnery Lane, York  
Tel: 647877

Archbishop Holgate's CE School (VC)  
Hull Road, York  
Tel: 411341

Burnholme Community College  
Bad Bargain Lane, York  
Tel: 415906

Canon Lee School  
Rawcliffe Drive, York  
Tel: 560000

Fulford School  
Fulfordgate, Fulford  
Tel: 633300

Huntington School  
Huntington Road, York  
Tel: 752100

Joseph Rowntree School  
Haxby Road, New Earswick  
Tel: 552100

York High School  
Cornlands Road, Acomb  
Tel: 555000

Manor CE School (VA)  
Millfield Lane, York  
Tel: 798722

Millthorpe School  
Nunthorpe Avenue, York  
Tel: 686400

### 10.3 **SHELTERED HOUSING LOCATIONS**

#### **City of York Council**

Marjorie Waite Court  
Evelyn Crescent, Clifton  
Tel: 612595/551871

Honeysuckle House  
Herdsman Road, Dringhouses  
Tel: 552624

Lovell House  
Wains Road, Dringhouses  
Tel: 552626

The Glebe  
The Manor Beeches, Dunnington  
Tel: 552617

Delwood  
Main Street, Fulford  
Tel: 552620

Glen Lodge  
2 Sixth Avenue, Heworth  
Tel: 422837

Gale Farm Court  
Front Street, Acomb  
Tel: 552294

Alex Lyon House  
St Aelred's Close, Fifth Avenue  
Tel: 552618

Barstow House  
St. Benedicts Road  
Tel: 654246

City Mills  
Skeldergate  
Tel: 552619

Helmsley House  
The Groves,  
March Street, York  
Tel: 552623

Moatside Court  
Lord Mayor's Walk  
Tel: 552628

Lincoln Court  
Ascot Way, Windsor Garth  
Tel: 552622

Esplanade Court  
Marygate  
Tel: 552628

Bootham Square  
Bootham Square, York  
Tel: Warden Lorna 07767318131

#### **Joseph Rowntree Housing Trust**

Sandacre Court  
Beckfield  
Tel: 781544

Dower Court  
William Plows Avenue  
Tel: 416650

Red Lodge  
New Earswick  
Tel: 762111

Old School Court  
Upper Poppleton  
Tel: 750700

#### **York Housing Association**

Margaret Philipson Court  
Aldwark  
Tel: 632075

## **SHELTERED HOUSING LOCATIONS**

Bretgate  
Navigation Road  
Tel: 658171

Lichfield Court  
Albemarle Road  
Tel: 656044

### **Anchor Trust**

Saddlebrook Court  
Herman Walk, Foxwood  
Tel: 790696

Elm Tree Gardens  
Oak Rise, Acomb  
Tel: 789433

Guardian Court  
Water Lane, Clifton  
Tel: 652494

Barleyfields  
Shipton Road, Clifton  
Tel: 629879

## 10.4 CARE HOME LOCATIONS

### **Older People: Local Authority Homes**

Fordlands Road  
1 Fordlands Road, Fulford  
Tel: 630048

Grove House  
40-48 Penley's Grove Street  
Tel: 628250

Haxby Hall  
York Road, Haxby  
Tel: 768944

Morrell House  
388 Burton Stone Lane  
Tel: 658998

Oakhaven  
144 Acomb Road  
Tel: 791599

Oliver House  
20 Bishophill Junior  
Tel: 653301

Willow House  
Long Close Lane  
Tel: 630437

Windsor House  
22 Ascot Way  
Tel: 798004

Woolnough House  
52 Woolnough Avenue, Tang Hall  
Tel: 413656

### **Adults: Local Authority Homes**

77 Flaxman Avenue  
Tang Hall  
Tel: 426428

### **Older People: Private & Voluntary Homes**

Broadway Lodge  
151 Fulford Road  
Tel: 621884

Connaught Court  
The Royal Masonic Benevolent Institution  
St Oswald's Road, Fulford  
Tel: 626238

Galtres Care Home LLP  
Ox Carr Lane, Strensall  
Tel: 491300

Grimston Court Residential Home  
Hull Road  
Tel: 489343

Ivy Lodge Retirement Home  
Briergate, Haxby  
Tel: 760629

Lamel Beeches  
JRHT. 105 Heslington Road  
Tel: 416904

Lime Tree House  
Chantry Green, Main Street, Upper  
Poppleton  
Tel: 795280

**Old People: Private & Voluntary Homes (cont)**

The Lodge  
Main Street, Heslington  
Tel: 430781

The Oaks  
JRHT. Hartrigg Oaks, Haxby Road, New Earswick  
Tel: 750700

Parkside  
98-100 Bishopthorpe Road  
Tel: 642444

Red Lodge  
JRHT. Hawthorne Terrace, New Earswick  
Tel: 762111

Rosevale Residential Home  
33 The Village, Wigginton  
Tel: 764242

Somerset Nursing Home  
1 Church Lane, Wheldrake  
Tel: 448313

York Rise Nursing & Residential Home  
Belle Vue Terrace  
Tel: 612670

**Adults: Private & Voluntary Homes**

Alder House  
JRHT. Alder Way, New Earswick  
Tel: 750453

1 Arbor Close  
**mencap**, Huntington  
Tel: 750313

2 Arbor Close  
**mencap**, Huntington  
Tel: 750390

3 Arbor Close  
**mencap**, Huntington  
Tel: 750499

Charles Court  
JRHT, Northfields, Strensall  
Tel: 491589

Christmas Lodge  
196 Mount Vale  
Tel: 647442

The Lifestyles  
55-59 Wentworth Road, Scarcroft Hill  
Tel: 645650

14 Derwent Road  
United Response, **Fulford**  
Tel: 640551

The Dexters  
21 Penley's Grove Street  
Tel: 644675

Dormary Court  
JRHT. Huntington Road  
Tel: 764901

The Graver's Care Home  
17 Wigginton Road  
Tel: 645510

Haisthorpe House  
139 Holgate Road  
Tel: 654638

**Adults: Private & Voluntary Homes  
(cont...)**

34 Maple Avenue  
**mencap**, Bishopthorpe  
Tel: 708870

35 Staindale Close  
**United Response**, Rawcliffe  
Tel: 672372

8 The Village  
**United Response**, Haxby  
Tel: 750308

22 Witham Drive  
**mencap**, Huntington  
Tel: 750307

Woodlands Respite Care Centre  
Thief Lane, Hull Road  
Tel: 430600

65 York Road  
**Milbury Care Services**, Haxby  
Tel: 761846

**Other (Small) Private & Voluntary  
Homes**

85 Moorgate  
Acomb  
Tel: 339185

Red Oaks  
27 Hawthorne Terrace, New Earswick  
Tel: 768126

Wishing Well  
37 Leven Road, Dringhouses  
Tel: 337566

Yearsley Villa Residential Home  
177 Huntington Road  
Tel: 634759

5 Navigation Road  
**MENCAP**  
Tel: 655530

1 Greenfields  
**MENCAP**  
Tel: 632881

## 10.5 NURSING HOME LOCATIONS

Birchlands Nursing Home  
Moor Lane, Haxby  
Tel: 760100

The Retreat  
107 Heslington Road  
Tel: 412551

Blair Atholl Hospital  
122 York Road, Haxby  
Tel: 768738

Somerset Nursing Home  
1 Church Lane, Wheldrake  
Tel: 448313

Connaught Court  
St Oswalds Road, Fulford  
Tel: 626238

South Park Care House  
Gale Lane, Acomb  
Tel: 784198

Dunnington Lodge Nursing Home  
34 Church Street  
Tel: 488676

Stockton Hall  
Main Building, The Village, Stockton-on-Forest  
Tel: 400500

Fulford Nursing Home  
43 Heslington Lane  
Tel: 654269

St Leonard's Hospice  
185 Tadcaster Road  
Tel: 708553

Lamel Beeches Nursing Home  
105 Heslington Road  
Tel: 416904

The Meadowbeck Care Home  
1 Meadowbeck Close  
Osbalwick Lane  
Tel: 424244

Moorlands Care Home  
10 Moor Lane, Strensall  
Tel: 491694

Woodlands Respite Care  
120 Thief Lane, Hull Road  
Tel: 430600

Christmas Lodge  
196 Mount Vale  
Tel: 647442

York House Ventures Ltd  
The Retreat, 107 Heslington Road  
Tel: 412666

Mulberry Court Care Home  
Clifton Park, Shipton Road  
Tel: 671122

York Rise Nursing & Residential Home  
Belle Vue Terrace  
Tel: 612670

The Oaks  
Hartrigg Oaks, Haxby Road, New Earswick  
Tel: 768266 / 750700

Nuffield Hospital  
Haxby Road  
Tel: 715000



## WINTER GRITTING

2010 - 2011

## DUTY ROTA

TEAM	DATE		SUPERVISOR	WMDO
A	01 NOV		Sean	Bill
B	08 NOV		Nick	Michael
A	15 NOV		Sean	Bill
B	23 NOV		Nick	Michael
A	29 NOV		Sean	Bill
B	06 DEC		Nick	Michael
A	13 DEC		Sean	Bill
B	20 DEC		Nick	Michael
A	27 DEC		Sean	Bill
B	03 JAN		Nick	Michael
A	10 JAN		Sean	Bill
B	17 JAN		Nick	Michael
A	24 JAN		Sean	Bill
B	31 JAN		Nick	Michael
A	07 FEB		Sean	Bill
B	14 FEB		Nick	Michael
A	21 FEB		Sean	Bill
B	28 FEB		Nick	Michael
A	07 MAR		Sean	Bill
B	14 MAR		Nick	Michael
A	21 MAR		Sean	Bill
B	28 MAR		Nick	Michael



**FORM A**

**WINTER MAINTENANCE 2010/2011  
CITY OF YORK COUNCIL**

**DAILY WINTER MAINTENANCE OPERATIONS INSTRUCTION**

**DATE OF FORECAST**

**FORECAST INFORMATION**


<b>R.S.Temp:</b>	<b>Road State:</b>
Hazards (Confidence); RST(     ), Ice (     ), Frost (     ), Snow (     )	

**ACTION REQUIRED**

**OPERATIONS INSTRUCTIONS**


**PRECAUTIONARY OPERATIONS DEFINED HIGHWAY NETWORK**

EVENING GRIT	TO COMMENCE AT
	SPREAD RATE
MORNING GRIT	TO COMMENCE AT
	SPREAD RATE

**OTHER OPERATIONS**

CARRIAGEWAY PLOUGHING	
FOOTWAYS	P1
	P2
CYCLEWAYS	

**COMMENTS**


**INSTRUCTION ISSUED BY:**  
WMDO

**DATE / TIME**

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CIRCULAR ROADS NO 18/77

MRH/K

**Department of Transport**  
2 Marsham Street London SW1P 3EB

Direct line 01-212  
Switchboard 01-212 3434

The Town Clerk	Your reference
The Chief Executive Officer	
The Greater London Council	Our reference
County Councils	HM1/922/1
District Councils	Date
London Borough Councils	28 June 1977
The Common Council of the City of London	

Dear Sir

**WINTER MAINTENANCE –  
SNOW CLEARING AT RAILWAY LEVEL CROSSINGS, FROM ROAD BRIDGES OVER  
RAILWAY AND ROAD SYSTEMS AND FROM ROADS IN THE VICINITY OF RAILWAYS.**

1. Circular ROADS No. 15/74, prepared in consultation with British Rail, gave guidance in its appendix on the execution of snow ploughing operations at railway crossings, and emphasised the need for local liaison between railway and highway authorities.
2. Experience during the recent winter has pointed the need to extend advice on winter maintenance activities on over-rail bridges and on over-road bridges and on roads in the vicinity of railways. Paragraphs 9 and 10 of the attached appendix contains that advice after appropriate consultation with British Rail and the opportunity has also been taken to make an increase in emphasis throughout the appendix. Circular Road No. 15/74 is accordingly superseded and copies of it should be destroyed.
3. Reference should also be made to Circular Roads 37/75 concerning safety to automatic half barrier level crossings and to current Traffic Sign Regulations.

Yours faithfully

J L HAMMOND

Note: Any correspondence concerning this Circular should be addressed to the Department of Transport, Highways Management 1 Division, 2 Marsham Street, London SW1P 3EB. Telephone enquiries should be made to 01-212-7110 or 7111. (Distribution enquiries 01-212-4944).

## SNOW CLEARING AT LEVEL CROSSINGS; FROM ROAD BRIDGES OVER RAILWAY SYSTEMS AND FROM ROADS PROXIMATE TO RAILWAYS.

### **1. CLEARANCE TO BE EFFECTED BY HIGHWAY AUTHORITY**

British Rail rarely need to use snow ploughs, and even when they do so the result may be unsatisfactory for highway purposes. It has, therefore, been agreed that the appropriate highway authority should continue its ploughing operation over crossings situated on roads which are being cleared. There must, however, be proper liaison between the highway and rail authorities and care must be taken that snow does not build up across the tracks or against gates and barriers.

### **2. GUIDANCE ON THE USE OF VARIOUS VEHICLE TYPES – MECHANICAL SAFETY**

#### 2.1 Snow-Ploughs, Snow Blowers and Snow Cutters of the Rotary Type.

Rotary equipment should NEVER be used to clear snow from any type of level crossing since there is a danger of the lower blade and support shoes fouling the rails.

#### 2.2 Department of Transport/Ploughing/Salt Vehicles.

These may be used for snow clearance at level crossings subject to observance of paragraphs 3 and 6 below.

#### 2.3 Local Authority Vehicles

Winter maintenance equipment, owned or operated by local authorities, varies considerably. Close cooperation is therefore essential between an authority and British Rail about the machinery available and how it can be used with safety and to the fullest advantage for clearing snow from, and spreading salt on, level crossings.

### **3. GUIDANCE RELATED TO VARIOUS TYPES OF LEVEL CROSSING**

#### 3.1 Unmanned Crossings with Automatic Half Barriers

These are connected by telephone to the signal box controlling that particular section of line. The driver of a snow-plough must always obtain permission by telephoning the controlling signalman for safety clearance before proceeding on the crossing.

It is essential that snow be cleared from both lanes of a carriageway at half barrier crossings for a distance of at least 45 metres on either side of the crossing. If one lane is cleared and the other left covered with snow, even for a short time, road users may be tempted to weave around one of the half barriers in order to get on to the clear lane. With the opposite half barrier closed vehicles could be trapped or staff on the crossing with a train approaching. After the snow has been cleared the driver must park his plough at a safe distance from the railway track and return on foot to report to the signal man as quickly as possible that he is now clear of the crossing. In so doing he must confirm to the signalman that snow has not been built up across the track in such quantity as to impede trains.

#### 3.2 Unmanned Crossings Controlled by Miniature Red/Green Lights

These too are connected by telephone to the appropriate signal box. Again the driver of the snow plough must always obtain permission by telephoning the controlling signalman for safety clearance before proceeding on to the crossing and subsequently report that he is clear in the same way as for crossings with automatic half barriers.

3.3 Closed Circuit Television and Remotely Controlled Crossings Operated by a Signalman located some way from the Crossing.

These are also connected by telephone to the appropriate signal box and here again the driver of the snow-plough must always obtain permission by telephoning the controlling signalman before proceeding on to the crossing and subsequently report that he is clear.

3.4 Manually Controlled Crossings Operated by either a Crossing Keeper or a Signalman Located Adjacent to the Crossing

Snow-plough drivers must at all times obtain clearance from the signal-man or crossing keeper before driving on the level crossing.

3.5 Unmanned Uncontrolled Crossings, Usually Having Farm Type Gates or, Occasionally without Gates.

These are generally on minor roads; ploughing of unmanned uncontrolled crossings must only be carried out in accordance with prior arrangement made with British Rail.

**4. EFFECTS OF PLOUGHING OPERATIONS**

4.1 Snow-plough drivers must ensure, so far as it is possible, that accumulated snow is not deposited on railway tracks. Passing trains and rail snow-ploughs tend to leave windows of snow across the path of the carriageway. It is therefore suggested that highway authorities and British Rail co-ordinate plans which can be put into effect if and when this occurs.

4.2 After the crossing has been cleared the snow-plough driver must park his vehicle at a safe distance from the crossing, then return on foot to ensure that no solid objects have been deposited by the blade on or near the rails.

**5. CROSSINGS UNSUITTABLE FOR PLOUGHING**

There are some crossings which are dangerous or impossible to plough; for instance where the road descends steeply on both sides of the crossing, or where the rail protrudes to such an extent that plough blades might be fouled. For such crossings the local highway authority should consult the appropriate Divisional Civil Engineer of British Rail about the methods best employed to clear the snow.

**6. PRIVATELY OWNED CROSSINGS**

Where a level crossing is privately owned, agreement should be obtained from the owner by the local authority so that the authority can take the same action as they would in the case of a public crossing. Ploughing of unmanned uncontrolled crossings should only be carried out in accordance with prior arrangements made with British Rail – see paragraph 3.5 above.

**7. VEHICLES TRAVERSING LEVEL CROSSING FITTED WITH SNOW PLOUGHS IN THE TRAVELLING POSITION (ie NOT IN USE)**

When Department-owned vehicles are driven over level crossings, otherwise than for snow-clearing, the plough should always be locked in the raised position. Rotary ploughs should follow the requirements of the signs at level crossings concerning slow vehicles as set out in Diagram 649 of Traffic Signs (Amendment) and (Disqualification for offences) Regulations 1969.

## **8. GENERAL STANDARD OF CARE**

Apart from the operational requirements detailed above, highway authorities must take special care to ensure that the strictest safety precautions are taken when winter maintenance vehicles are negotiating level crossings. All snow-plough drivers must be conversant with provisions of the Highway Code and in particular those parts about the use of level crossings.

## **9. SNOW CLEARING FROM ROADS OVER OR NEAR RAILWAY LINES**

9.1 Snow ploughs of all types can throw snow and slush distances of 10 to 15 metres (the rotary type even more) when driven at speed. Drivers of snow plough vehicles must, therefore, be made aware of road bridges over railways and stretches of road near to railways, where they should operate at an appropriate speed in order to prevent thrown snow building up on railway lines or becoming a hazard to passing trains.

9.2 Particular care must be taken where there is a danger of thrown snow damaging or creating an electrical path from overhead railway electric power lines.

9.3 Care must be taken to avoid packing snow against bridge parapets, fences or walls such that, for instance, children could climb nearer to and so tamper with overhead electric power lines.

## **10. SNOW CLEARING FROM ROADS OVER OTHER ROADS AND ON DUAL CARRIAGEWAYS**

10.1 The opportunity is taken to draw attention to similar problems in relation to road-over-road bridges where drivers of ploughs should be aware of the dangers of throwing snow on to the lower road which would become a hazard to traffic and pedestrians.

10.2 Excessive speed when ploughing snow on to the central reserves of dual carriageway roads can result in danger to oncoming traffic in the opposite carriageway. Drivers should adjust their speed to prevent this happening.



JMC/K

Room S6/18  
**Department of the Environment**  
2 Marsham Street London SW1P 3EB

Direct line 01-212 8338  
Switchboard 01-212 3434

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The Town Clerk	Your reference
The Chief Executive Officer	
The Greater London Council	Our reference
County Councils	HM1/922/1
District Councils	Date
London Borough Councils	11 August 1977
The Common Council of the City of London	

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Dear Sir

**WINTER MAINTENANCE –  
SNOW CLEARING AT RAILWAY LEVEL CROSSINGS, FROM ROAD BRIDGES  
OVER RAILWAY AND ROAD SYSTEMS AND FROM ROADS IN THE VICINITY OF RAILWAYS**

1. The following amendment should be made to Circular Roads 18/77 dated 28 June 1977. In paragraph 7 of the Appendix the second sentence should now read – “Rotary ploughs should follow the requirements of the signs at level crossings concerning slow vehicles as set out in diagram 649 of The Traffic Signs Regulations and General Directions 1975.”

Yours faithfully

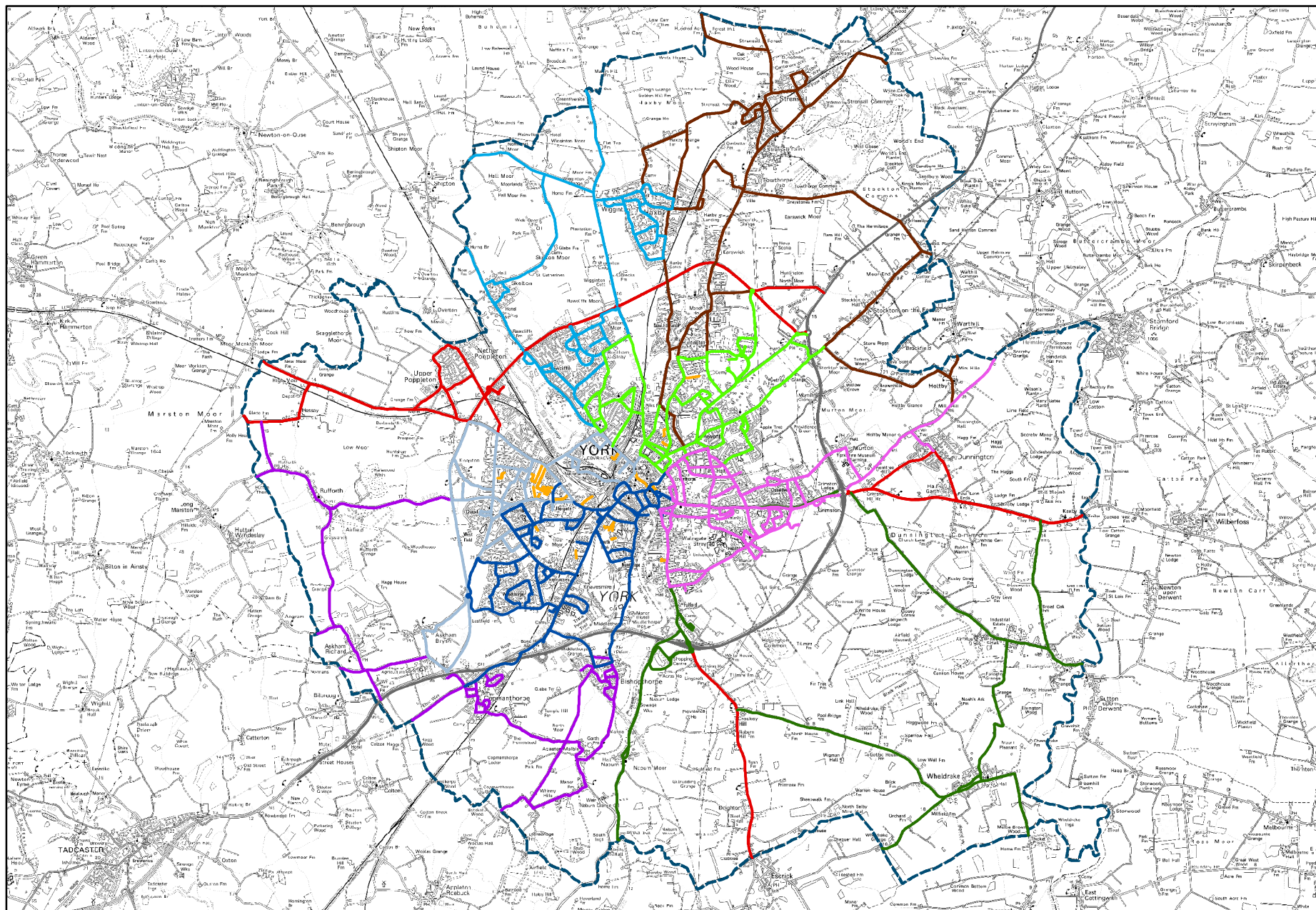
J L HAMMOND

**WINTER MAINTENANCE 2010/11  
CITY OF YORK COUNCIL**

**DAILY WINTER MAINTENANCE OPERATIONS REPORT**

DATE	<input type="text"/>	SUPERVISOR	<input type="text"/>
WEATHER	<input type="text" value="DRY / FOG / RAIN / SLEET / SNOW - state depth"/>		
OPERATION	<input type="text" value="PRE SALTING AND GRITTING / PLOUGHING / SALTING AND PLOUGHING"/>		
ROUTE 1	TIME OUT <input type="text"/>	TIME IN	<input type="text"/>
NAME OF DRIVER	<input type="text"/>	ROAD STATE	<input type="text" value="DRY / WET / SLUSH / SNOW"/>
DRIVER COMMENTS AFTER OPERATION	<input type="text"/>		
ROUTE 2	TIME OUT <input type="text"/>	TIME IN	<input type="text"/>
NAME OF DRIVER	<input type="text"/>	ROAD STATE	<input type="text" value="DRY / WET / SLUSH / SNOW"/>
DRIVER COMMENTS AFTER OPERATION	<input type="text"/>		
ROUTE 3	TIME OUT <input type="text"/>	TIME IN	<input type="text"/>
NAME OF DRIVER	<input type="text"/>	ROAD STATE	<input type="text" value="DRY / WET / SLUSH / SNOW"/>
DRIVER COMMENTS AFTER OPERATION	<input type="text"/>		
ROUTE 4	TIME OUT <input type="text"/>	TIME IN	<input type="text"/>
NAME OF DRIVER	<input type="text"/>	ROAD STATE	<input type="text" value="DRY / WET / SLUSH / SNOW"/>
DRIVER COMMENTS AFTER OPERATION	<input type="text"/>		
ROUTE 5	TIME OUT <input type="text"/>	TIME IN	<input type="text"/>
NAME OF DRIVER	<input type="text"/>	ROAD STATE	<input type="text" value="DRY / WET / SLUSH / SNOW"/>
DRIVER COMMENTS AFTER OPERATION	<input type="text"/>		
ROUTE 6	TIME OUT <input type="text"/>	TIME IN	<input type="text"/>
NAME OF DRIVER	<input type="text"/>	ROAD STATE	<input type="text" value="DRY / WET / SLUSH / SNOW"/>
DRIVER COMMENTS AFTER OPERATION	<input type="text"/>		
ROUTE 7	TIME OUT <input type="text"/>	TIME IN	<input type="text"/>
NAME OF DRIVER	<input type="text"/>	ROAD STATE	<input type="text" value="DRY / WET / SLUSH / SNOW"/>
DRIVER COMMENTS AFTER OPERATION	<input type="text"/>		
ROUTE 8	TIME OUT <input type="text"/>	TIME IN	<input type="text"/>
NAME OF DRIVER	<input type="text"/>	ROAD STATE	<input type="text" value="DRY / WET / SLUSH / SNOW"/>
DRIVER COMMENTS AFTER OPERATION	<input type="text"/>		
ROUTE 9	TIME OUT <input type="text"/>	TIME IN	<input type="text"/>
NAME OF DRIVER	<input type="text"/>	ROAD STATE	<input type="text" value="DRY / WET / SLUSH / SNOW"/>
DRIVER COMMENTS AFTER OPERATION	<input type="text"/>		
ROUTE 10	TIME OUT <input type="text"/>	TIME IN	<input type="text"/>
NAME OF DRIVER	<input type="text"/>	ROAD STATE	<input type="text" value="DRY / WET / SLUSH / SNOW"/>
DRIVER COMMENTS AFTER OPERATION	<input type="text"/>		
OTHER OPERATIONS	<input type="text"/>		
FOOTWAYS	<input type="text" value="PRE SAND / PRE SALT / SNOW CLEARANCE"/>		
TIME OUT	<input type="text"/>	TIME IN	<input type="text"/>
CYCLE ROUTES	<input type="text" value="PRE SAND / PRE SALT / SNOW CLEARANCE"/>		
TIME OUT	<input type="text"/>	TIME IN	<input type="text"/>





**Primary Grit Routes**

Route no.

- 1
- 10
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

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**GRITTING ROUTES MASTERPLAN**

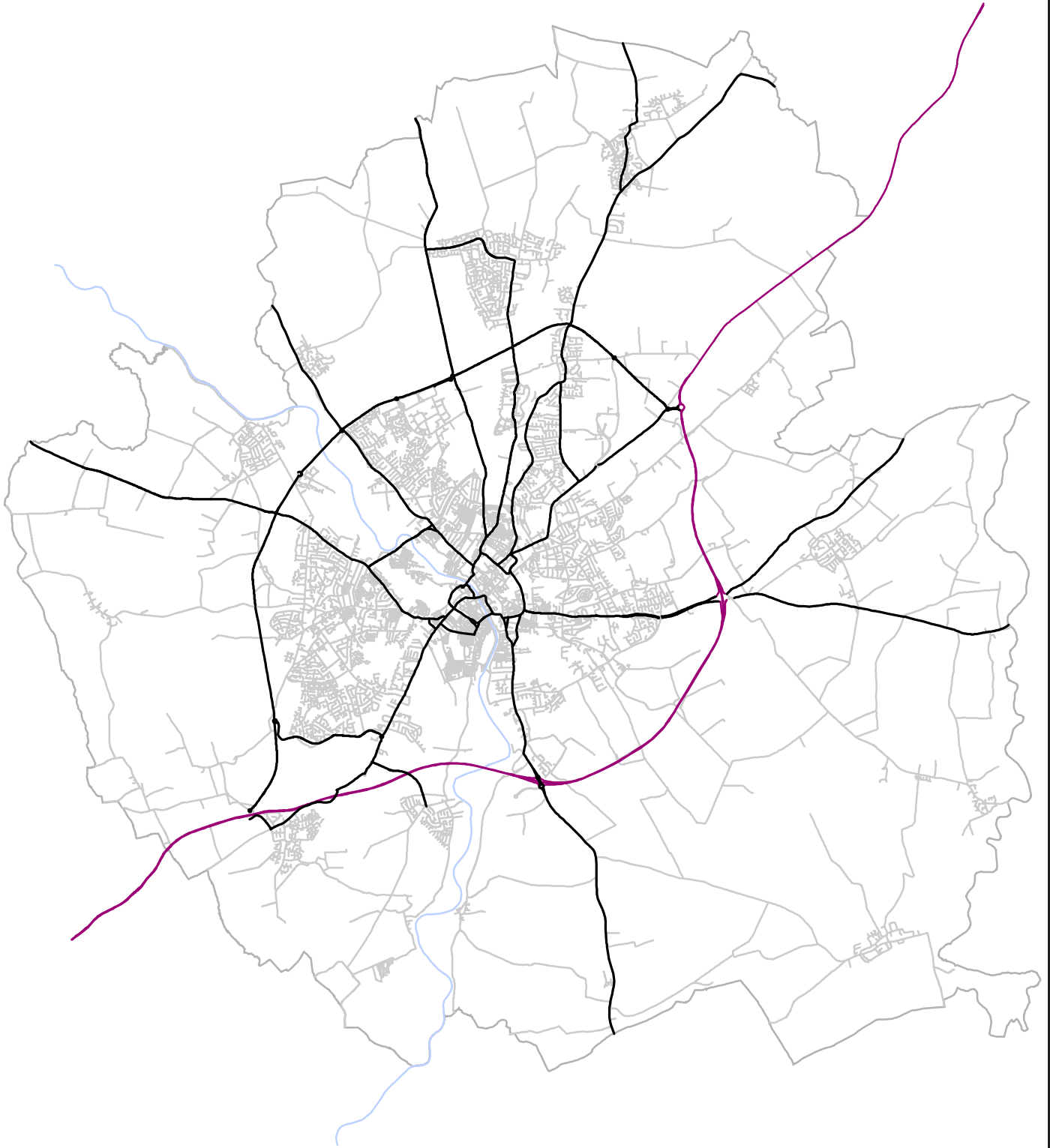
Drawn by BJH

Date OCT 2010

Scale 1:125,000



- City of York snow clearance
- A64 (cleared by Highways Agency)



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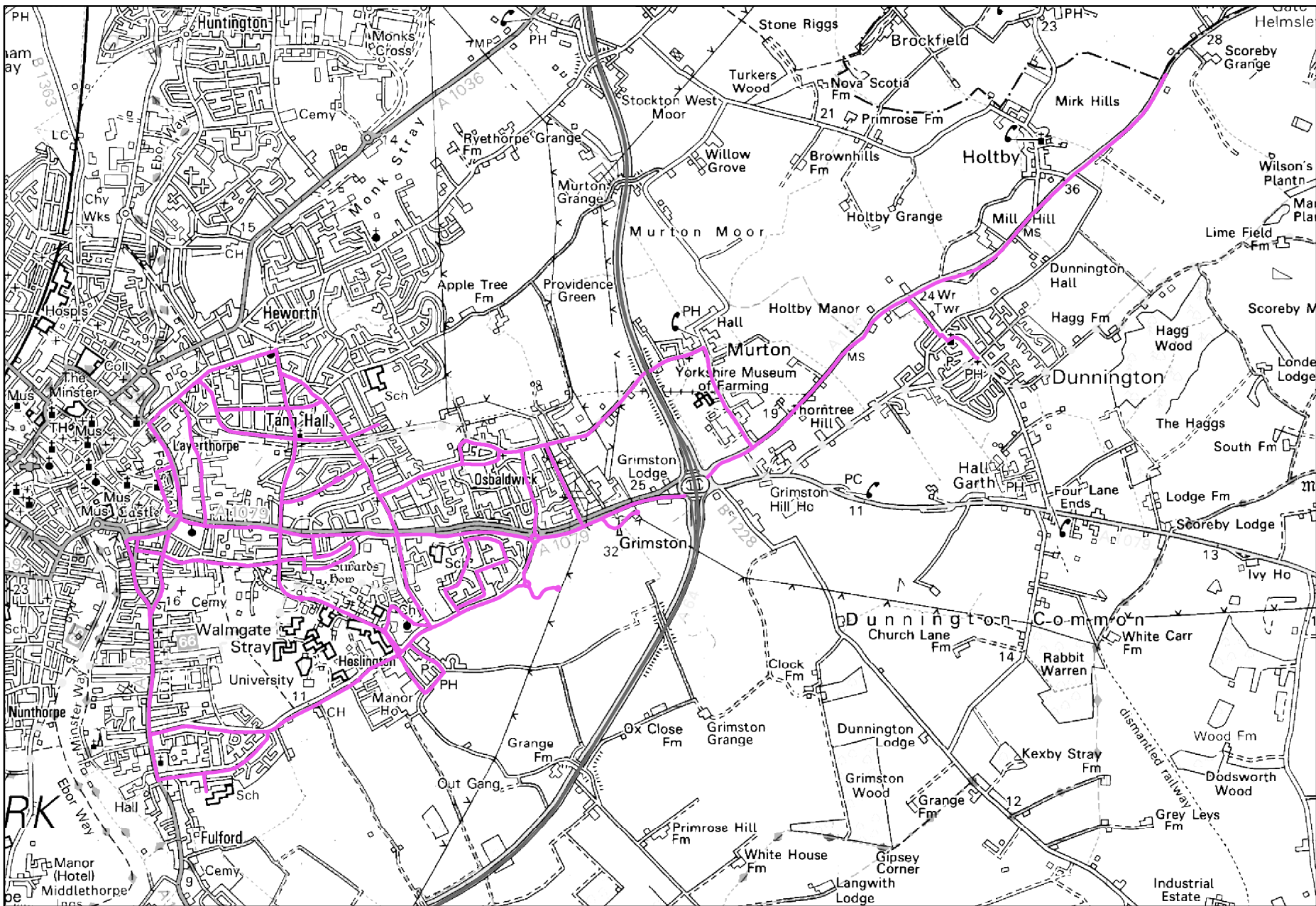
### Snow clearance routes




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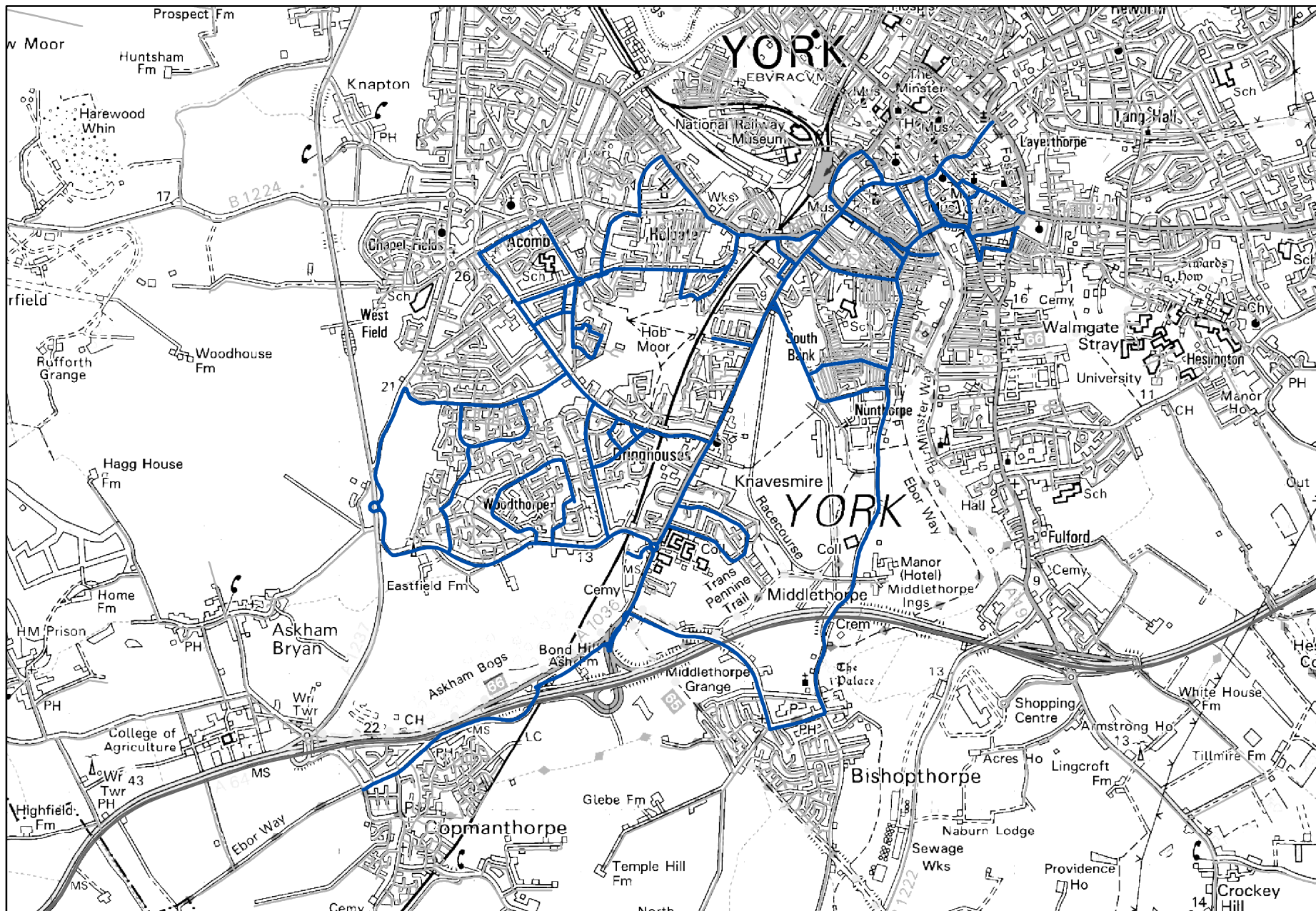
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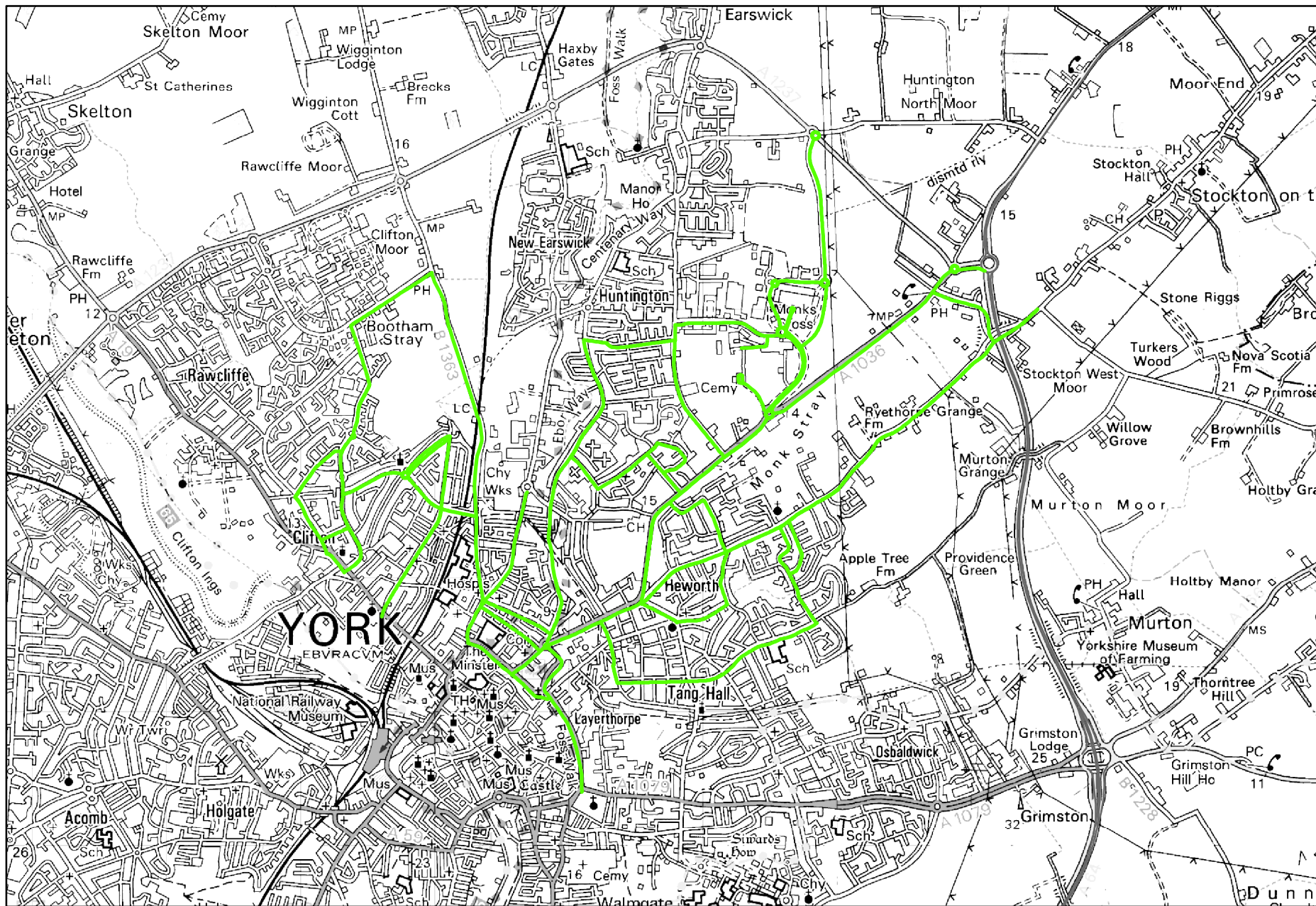
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	<h1>GRIT ROUTE 1</h1>			
	Drawn by   BJH	Date   OCT 2010	Scale   1:40,000	



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	<h2>GRIT ROUTE 2</h2>			
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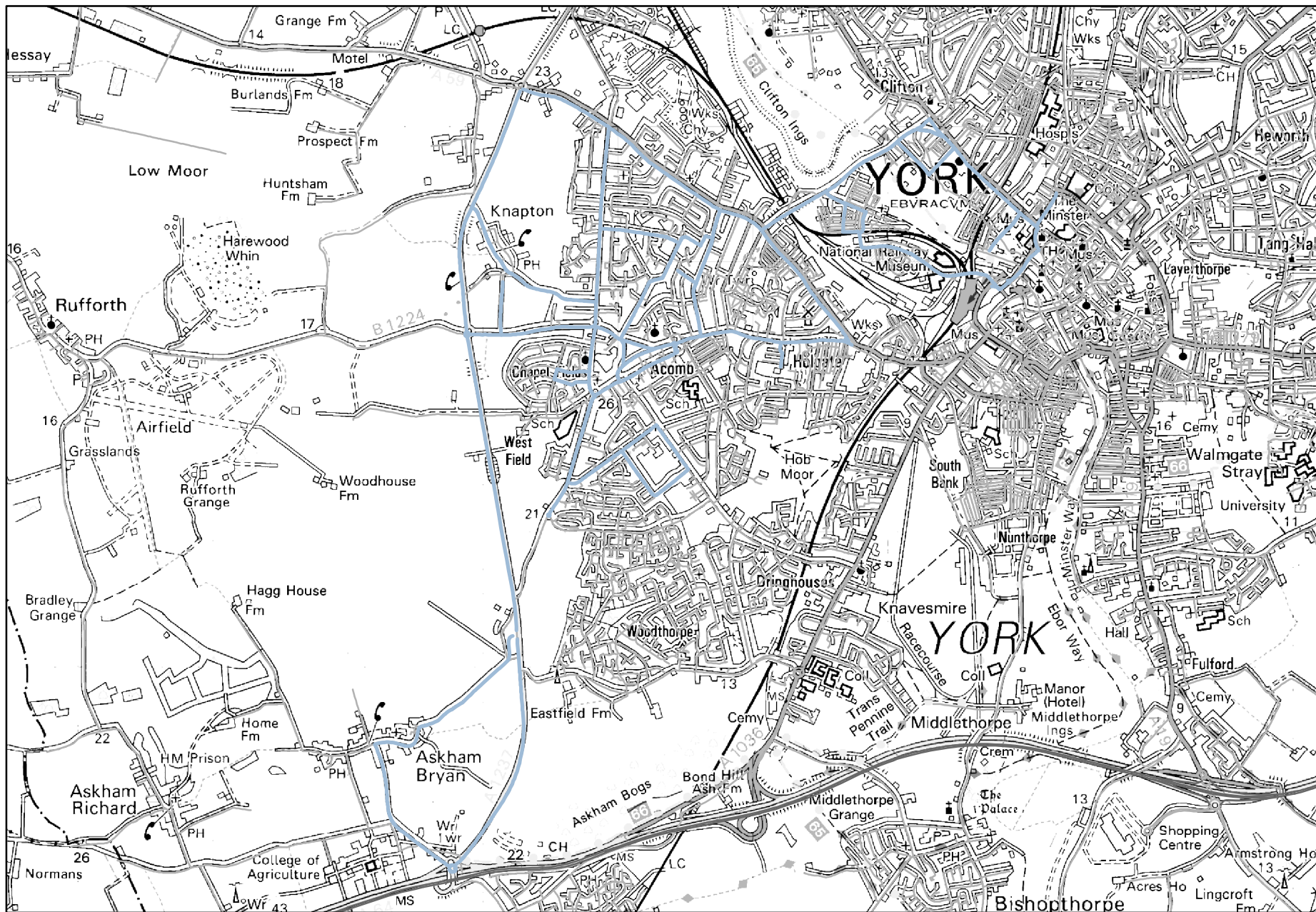
## GRIT ROUTE 3

Drawn by BJH


Date OCT 2010

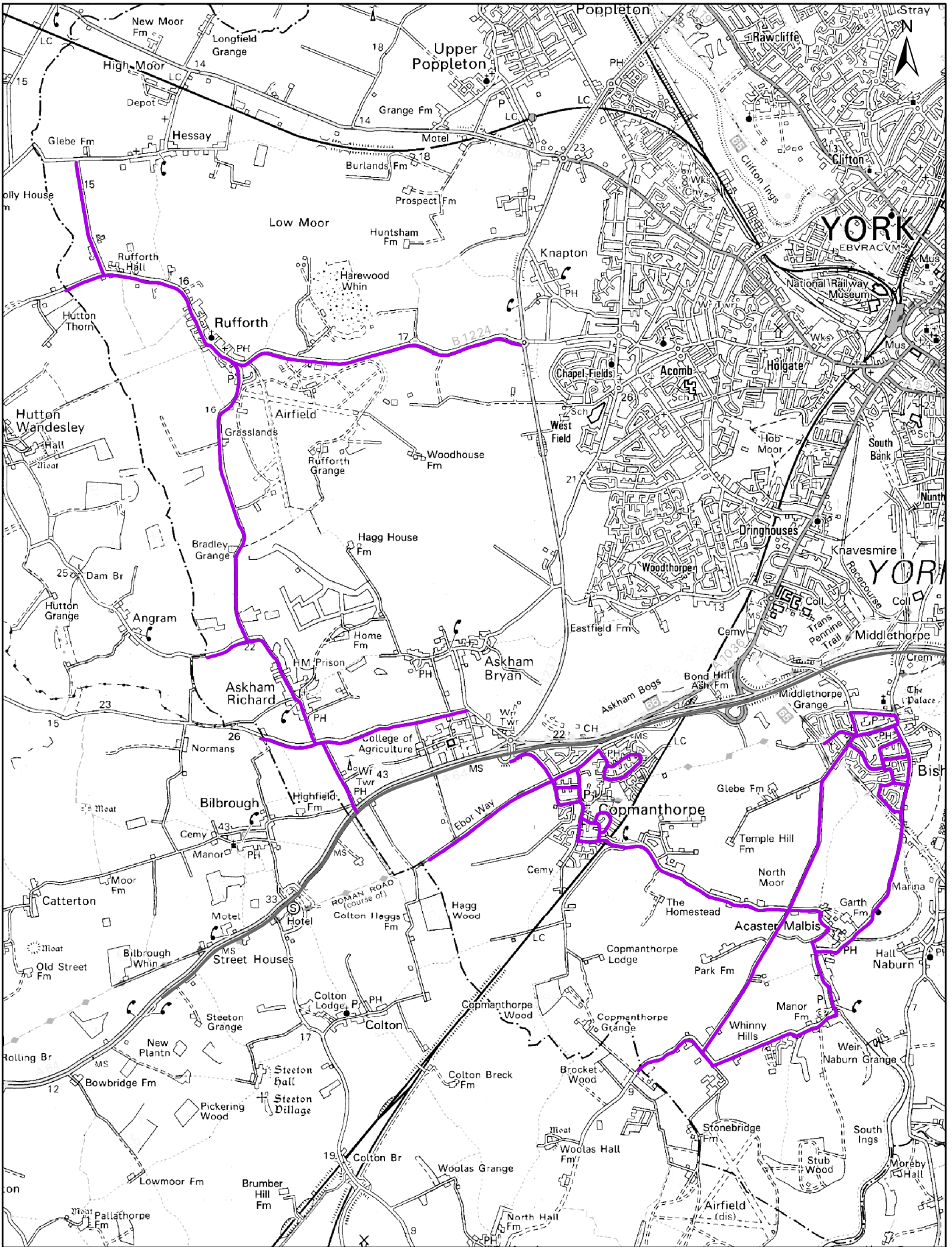
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	<h1>GRIT ROUTE 4</h1>			
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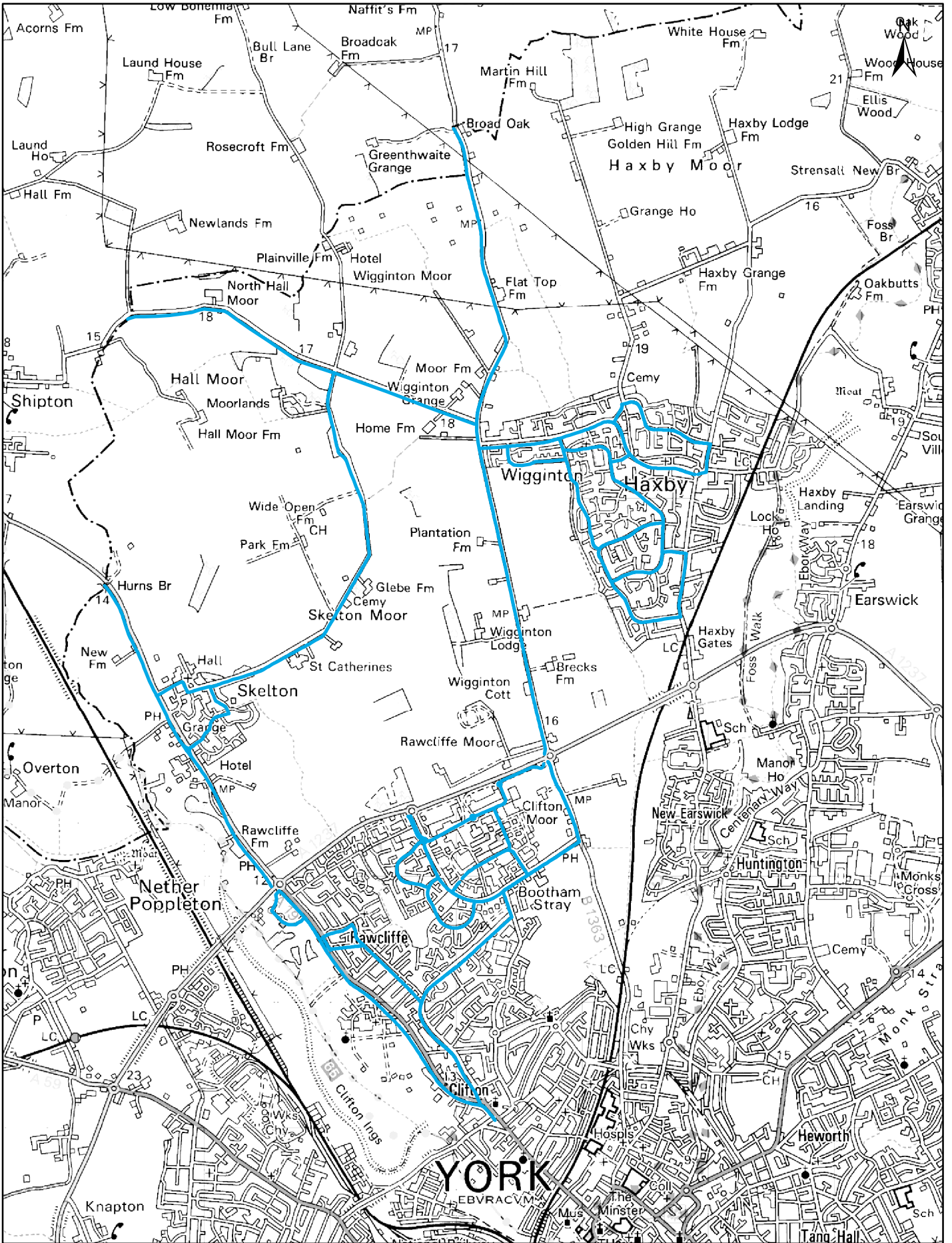
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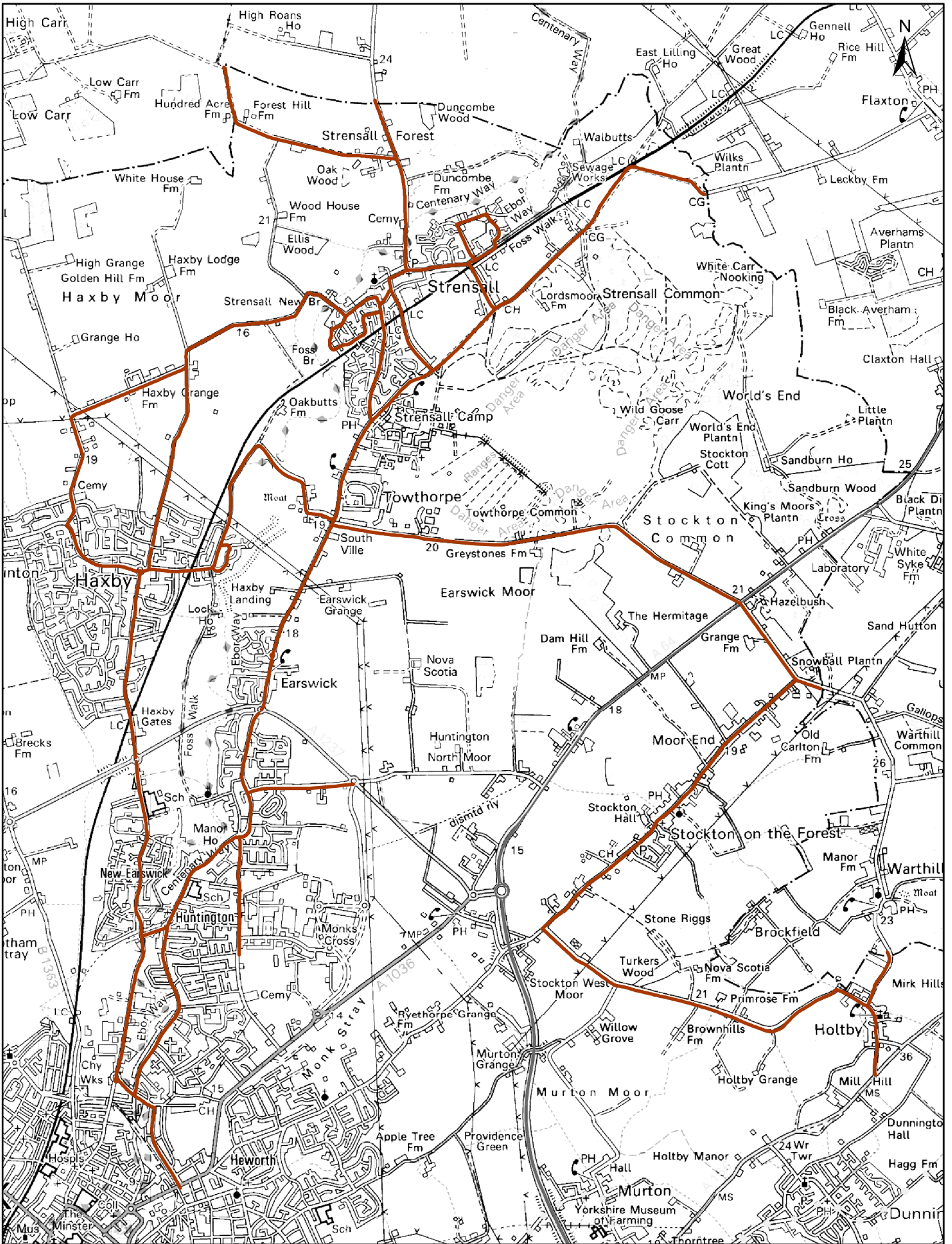
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Date OCT 2010

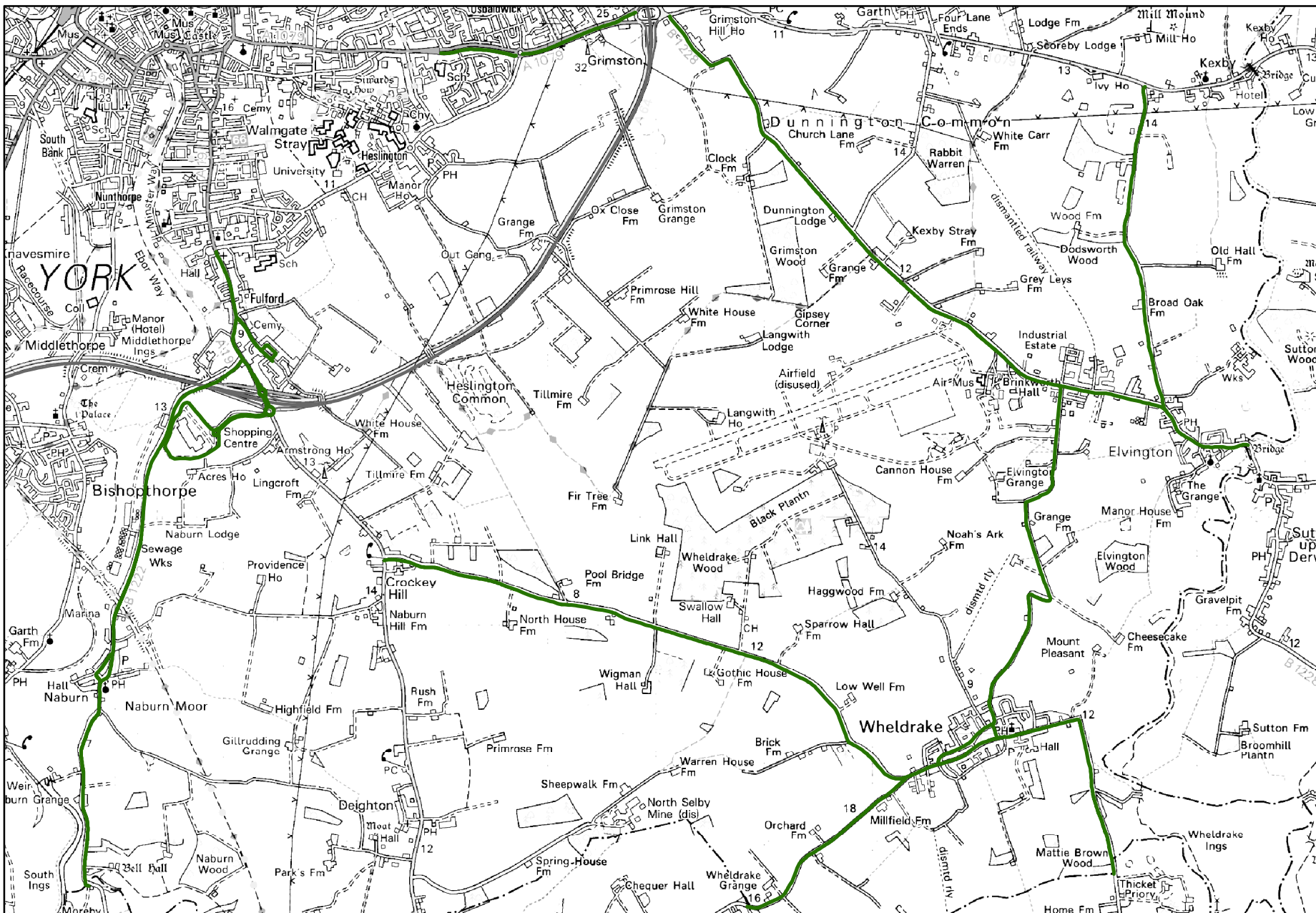
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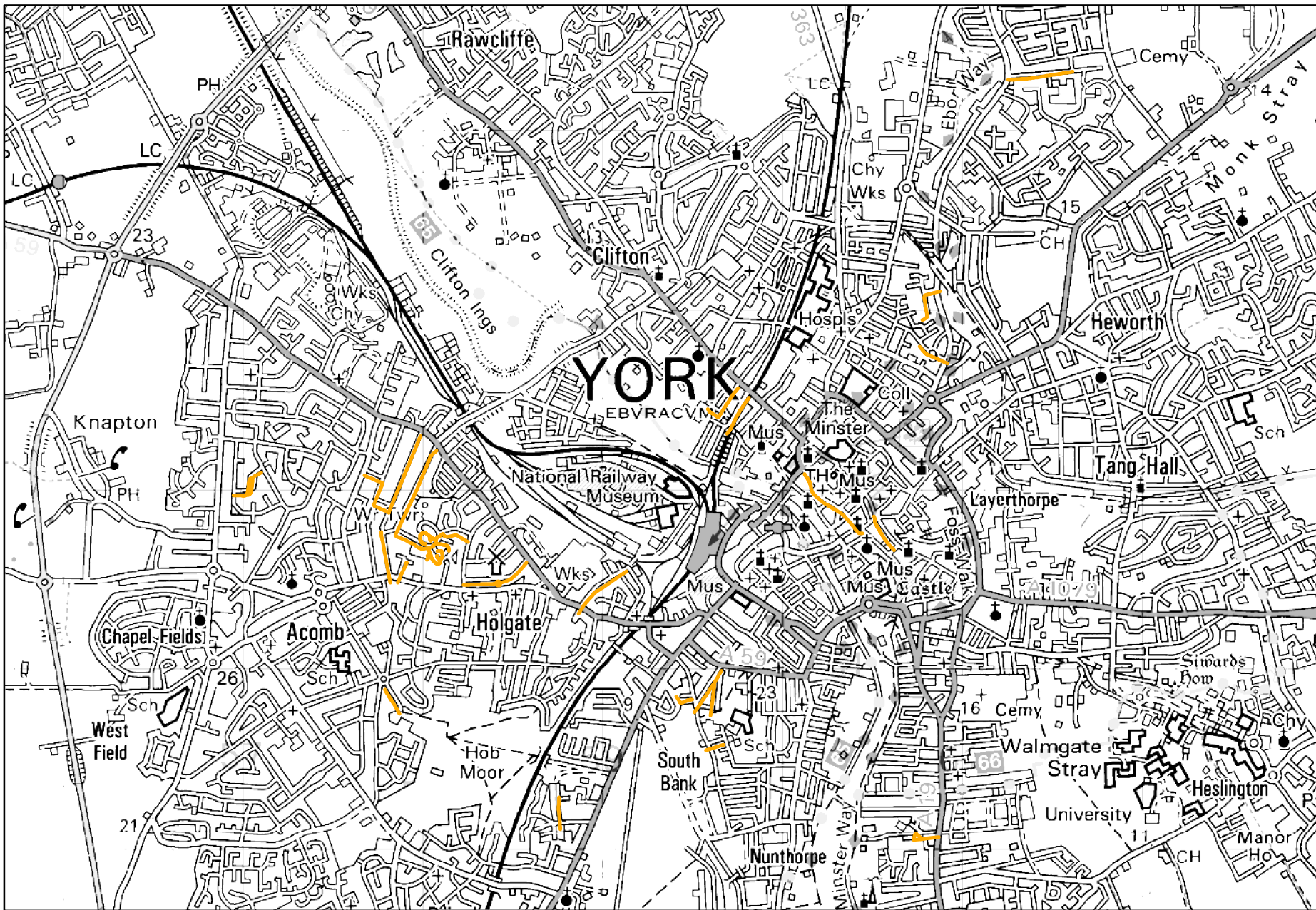


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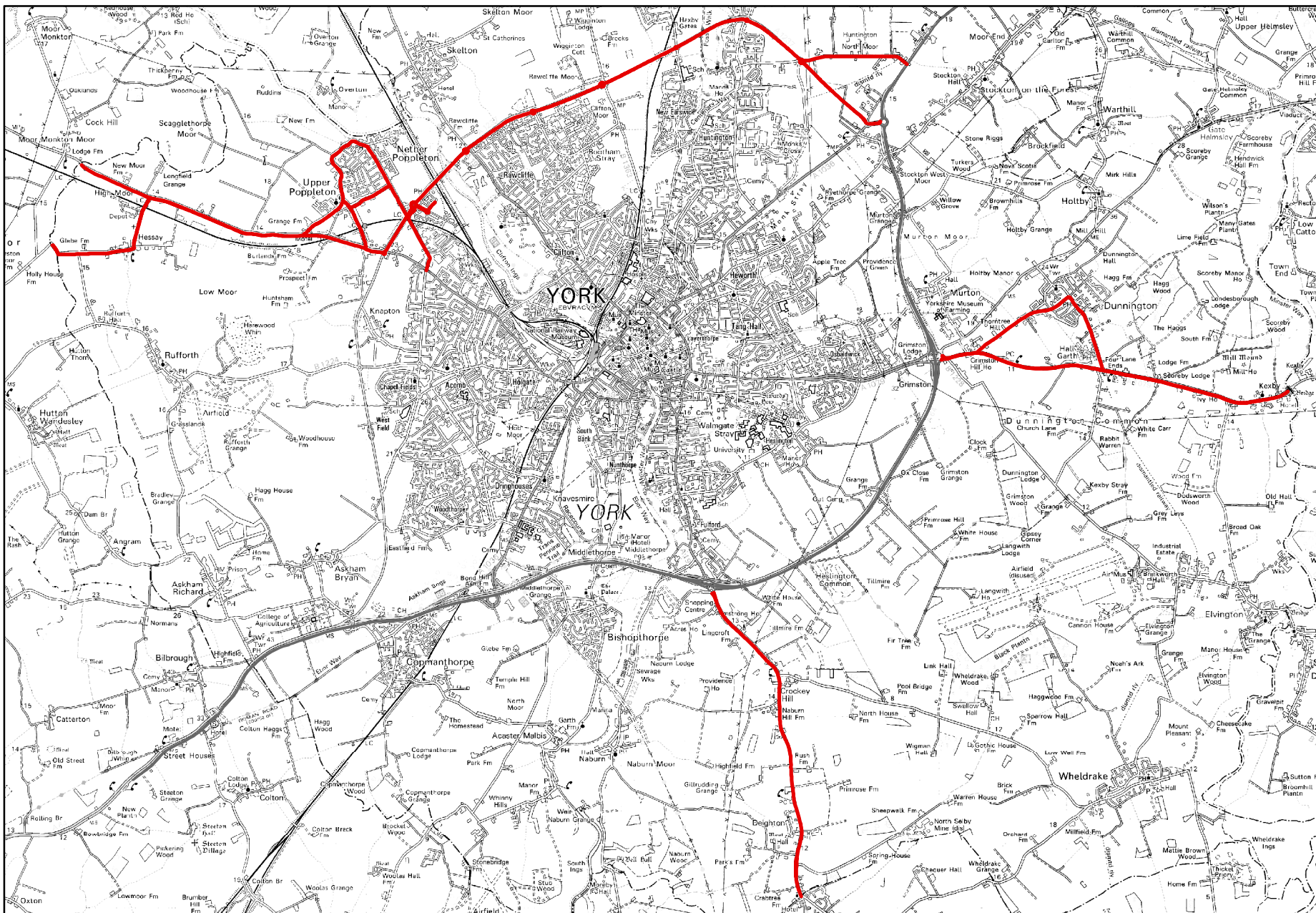
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	<h2>GRIT ROUTE 8</h2>			
	Drawn by <b>BJH</b>	Date <b>OCT 2010</b>	Scale <b>1:50,000</b>	




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	<b>GRIT ROUTE 9</b>			
	Drawn by BJH	Date OCT 2010	Scale 1:30,000	



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	<h1 style="text-align: center;">GRIT ROUTE 10</h1>			
	Drawn by <b>BJH</b>	Date <b>OCT 2010</b>	Scale <b>1:85,000</b>	

**STREETS INCLUDED ON PRIMARY GRITTING ROUTES****ANNEX 8**

A1036	Barkston Avenue
A1079	Barons Crescent
A1237	Beckfield Lane
A166	Bellhouse Way
A19	Birstwith Drive
A59	Bishopgate Street
A64 (trunk road) H Agency grit route	Bishopthorpe Road
Acaster Lane	Blake Street (T)
Acomb Road	Bland Lane
Acomb Wood Drive	Blossom Street
Acorn Way	Bootham
Alcuin Avenue	Bootham Terrace (T)
Algarth Road	Boroughbridge Road
Almsford Road	Bouthwaite Drive (T)
Alness Drive	Bowness Drive
Applecroft Road	Bradley Lane
Appleton Road	Bramham Avenue
Ascot Way	Bramham Road
Asda access road Monks Cross	Brecks Lane, Strensall
Ashford Place	Brecksfields
Ashley Park Road	Bridge Street
Askham Bar access road	Broad Lane, Appleton Roebuck to Acaster Malbis
Askham Bryan Lane	Broadway
Askham Fields Lane	Brockfield Park Drive
Askham Lane	Brockfield Road
Askham Richard road to Angram	Brompton Road
Askham Richard road to Healaugh	Burdyke Avenue
Atterwith Lane	Burnsall Drive (T)
Audax Road	Burton Green
B1222 (Naburn)	Burton Stone Lane
B1224 (Wetherby)	Byland Avenue
B1228 (Elvington)	Campleshon Road
B1363 (Wigginton)	Carr Lane
Bad Bargain Lane	Castle Mills Bridge (Tower Street)
Balmoral Terrace	Cemetery Road
Barbican Road	Chaloners Road
Barfield Road	Church Balk, Dunnington

Notes: Not all streets listed will be gritted the entire length.

(T) denotes streets gritted by tow gritter.



## **STREETS INCLUDED ON PRIMARY GRITTING ROUTES**

Church Lane, Bishopthorpe	Eastfield Crescent
Church Lane, Wheldrake	Eastholme Drive
Church Street, Dunnington	Elmfield Avenue
Clarence Street	Elvington Lane
Clementhorpe	Enfield Crescent
Clifford Street	Fairfields Drive
Clifton	Fawcett Street
Clifton Green	Field Lane
Clifton Moor/B1363/A1237 access road	Fifth Avenue
Clifton Moorgate	Fishergate
Collingwood Avenue	Flaxman Croft
Common Lane, Holtby	Flaxton Road, Strensall
Common Road, Dunnington	Fordlands Road
Copmanthorpe Lane, Bishopthorpe	Foss Bank
Copmanthorpe Road, Bishopthorpe	Foss Islands Road
Coppergate	Fossgate (T)
Corban Lane, Wigginton (H Agency grit route)	Fossway
Cornlands Road	Fourth Avenue
Cowper Lane	Foxwood Lane
Crichton Avenue	Front Street, Acomb
Cross Moor Lane	Front Street, Naburn
Crossfield Crescent	Fulfordgate
Crossways	Fulford Cross (T)
Dalton Hill, Wheldrake	Fulford Road
Dalton Terrace	Gale Lane
Dane Avenue (T)	Garfield Terrace
Danebury Drive	Garrow Hill Avenue
Danesfort Avenue	George Hudson Street
Darling Lane	Gillygate
Dauby Lane, Elvington	Glebe Avenue (T)
Davygate (T)	Glen Road
Deramore Drive	Grantham Drive
Dodsworth Avenue	Grassholme
Driffield Terrace	Great North Way
Eason View	Green Dike
East Parade	Green Dykes Lane
Eastfield Avenue	Green Lane, Acomb (T)
	Green Lane, Clifton

Notes: Not all streets listed will be gritted the entire length.

(T) denotes streets gritted by tow gritter.

## **STREETS INCLUDED ON PRIMARY GRITTING ROUTES**

Greengales Lane, Wheldrake	Jewbury
Greenshaw Drive	Jockey Lane
Grimston Bar Park and Ride roundabout	Kathryn Avenue
Haleys Terrace	Keble Park North
Hallcroft Lane	Keble Park South
Hamilton Drive	Kent Street
Hamilton Drive East	Kettlestring Lane
Hamilton Drive West	Kingsland Terrace
Harcourt Street	Kingsway North (north end)
Hauling Lane	Kingsway West
Hawthorn Grove	Knapton Lane
Haxby Moor Road	Knavesmire Avenue
Haxby Road	Knavesmire Road
Hazelbush Lane	Lamplugh Crescent
Heath Ride	Lawrence Street
Hebden Rise (T)	Layerthorpe
Hempland Lane	Leeman Road
Heslington Lane	Leeside
Heslington Road	Lendal Bridge
Heworth Green	Lindsey Avenue (T)
Heworth Road	Link Road, Huntington
Heworth Village	Livingstone Street
Hob Moor Drive	Longwood Road
Hob Moor Terrace (T)	Long Ridge Lane
Hodgson Lane	Lord Mayors Walk
Holgate Road	Lords Moor Lane
Holly Bank Road	Low Moor Lane
Holly Tree Lane	Low Lane
Holtby Lane	Low Ousegate
Hopgrove Lane South	Lowther Street
Horseman Drive	Lycett Road
Horseman Lane	Main Street, Askham Bryan
Howard Drive	Main Street, Bishopthorpe
Howe Hill Close (T)	Main Street, Copmanthorpe
Hull Road	Main Street, Elvington
Huntington Road	Main Street, Fulford
Intake Lane, Bishopthorpe	Main Street, Heslington
James Street	Main Street, Hessay

Notes: Not all streets listed will be gritted the entire length.

(T) denotes streets gritted by tow gritter.

## **STREETS INCLUDED ON PRIMARY GRITTING ROUTES**

Main Street, Knapton	Mount Vale
Main Street, Naburn	Murton Lane, Murton
Main Street, Poppleton	Murton Way
Main Street, Wheldrake	Museum Street
Malton Road	Naburn Designer Park and Ride route
Malvern Avenue (T)	Naburn Lane
Manor Drive North (T)	Navigation Road
Manor Drive South (T)	Nessgate
Manor Heath	New Lane, Huntington
Maple Avenue	New Road, Hessay
Martello Way	Newland Park Close
Marygate	Newland Park Drive
Melrosegate	North Lane, Huntington
Merchant Way	North Lane, Wheldrake
Merchantgate	North Moor Road, Huntington
Micklegate	Nunnery Lane
Middlecroft Drive	Oak Tree Lane
Middlethorpe Drive	Oakdale Road
Middlethorpe Grove	Oaken Grove
Mill Lane, Bishopthorpe	Osballdwick Lane
Mill Lane, Hessay to Rufforth	Osballdwick Link Road
Mill Lane, Heworth	Osballdwick Village
Mill Lane, Wigginton	Ostman Road
Millfield Lane, Poppleton	Ouse Bridge
Monkgate	Ox Carr Lane
Monks Cross Drive	Paragon Street
Monks Cross Link	Park Gate
Monkton Road	Park Grove (T)
Montague Road	Parliament Street (T)
Moor Lane, Copmanthorpe	Pavement
Moor Lane, Dringhouses	Peasholme Green
Moor Lane, Haxby	Penleys Grove Street
Moor Lane, Skelton	Philadelphia Terrace (T)
Moor Lane, Strensall	Piccadilly
Moor Lane, Wigginton	Poppleton Road
Moorcroft Road	Pottery Lane, Strensall
Moorgate	Prices Lane
Moorlands Road, Skelton	Princess Road

Notes: Not all streets listed will be gritted the entire length.

(T) denotes streets gritted by tow gritter.

## **STREETS INCLUDED ON PRIMARY GRITTING ROUTES**

Pulleyn Drive	Stamford Bridge Road
Queen Annes Road (T)	Station Avenue
Queen Street	Station Rise
Queen Victoria Street	Station Road
Ramsey Avenue, Bishopthorpe	Station Road, Copmanthorpe
Ramsay Close (T)	Station Road, Haxby
Rawcliffe Bar park and ride access road	Station Road, Poppleton
Rawcliffe Drive	Stillingfleet Road (B1222)
Rawcliffe Lane	Stirling Road (Clifton Moor)
Ridgeway	Stockhill Lane, Askham Richard
Rivelin Way	Stockton Lane
Rougier Street	Straight Lane, Holtby
Ryecroft Avenue	Stray Road
Salisbury Road	Straylands Grove
Salisbury Terrace	Strensall Road
Sandy Lane, Stockton On The Forest	Sussex Road
Scarcroft Hill (T)	Stuart Road
Scarcroft Road	Tadcaster Road
School Lane, Askham Richard	Tang Hall Lane
School Lane, Copmanthorpe	Temple Lane
School Lane, Heslington	Ten Thorn Lane, Knapton
Sefton Avenue	Thanet Road
Selby Road	The Avenue, Clifton
Sheriff Hutton Road to boundary	The Green, Acomb
Shipton Road	The Mount
Sim Balk Lane	The Stonebow
Skeldergate	The Village, Haxby
Skeldergate Bridge	The Village, Skelton
Sowerby Road (T)	The Village, Stockton On The Forest
St. Denys Road	The Village, Strensall
St. Giles Road	The Village, Wigginton
St. Giles Way	Thief Lane
St. Helens Road	Thompson Drive
St. James Mount (T)	Thorganby Road
St. Leonards Place	Top Lane
St. Maurices Road	Tower Street
St. Nicholas Avenue (Naburn Shopping Site)	Townend Street
St. Stephens Road	Towthorpe Moor Lane

Notes: Not all streets listed will be gritted the entire length.

(T) denotes streets gritted by tow gritter.

## **STREETS INCLUDED ON PRIMARY GRITTING ROUTES**

Towthorpe Road	Yearsley Grove (T)
Tranby Avenue	York Road, Acomb
Tudor Road	York Road, Askham Bryan
Turnmire Road	York Road, Askham Richard
University Road	York Road, Dunnington
Usher Lane	York Road, Elvington
Walmer Carr	York Road, Haxby
Walmgate	York Road, Naburn
Water End	York Road, Strensall
Water Lane	York Road, Wigginton
Wentworth Road (T)	York Street, Dunnington
West Bank	
West End, Strensall	
West Nooks	
West Pit Lane	
West Thorpe	
Westfield Lane	
Westfield Road	
Westminster Road	
Wetherby Road	
Wheatfield Lane	
Wheldrake (Main Street to boundary at Thicket)	
Wheldrake Lane (to boundary towards Escrick)	
Wheldrake Lane (Wheldrake to Crockey Hill)	
Wheldrake Lane (Wheldrake to Elvington)	
Whip Ma Whop Ma Gate (T)	
White Rose Way	
Wigginton Road	
Wilton Rise (T)	
Windmill Lane	
Windmill Rise (T)	
Windsor Garth	
Woodlands Grove	
Woodlea Avenue	
Woodlea Bank	
Yarburgh Way	

Notes: Not all streets listed will be gritted the entire length.  
(T) denotes streets gritted by tow gritter.

## GRIT ROUTE 1

- GRIT** Right James St, Left Layerthorpe, Left onto Foss Islands Rd, Right Navigation Rd, Left Walmgate, Left Foss Islands Rd, turn round at Morrisons roundabout, Left Foss Islands Road, Barbican Rd, Cemetery Rd, Right onto Fulford Rd, Fishergate, Right onto Paragon St, Fawcett St, Kent St.
- TRAVEL** Right onto Cemetery Rd to Fulford Rd.
- GRIT** Left onto Fulford Rd, Right Fulford Rd, Left onto Broadway, Right onto Heslington Lane, Left into Fulfordgate turn round at School, Left onto Heslington Lane, Right onto Fulford Rd, Right Broadway, Heslington Lane, University Rd, Right onto Thief Lane, Right Newland Park Close, Left Newland Park Drive, Left Thief Lane, Right Garrow Hill Avenue, Left onto Hull Rd, Lawrence St, Barbican, Barbican Rd, Heslington Rd, Left onto Green Dykes Lane, Melrosegate to mini roundabout, Right onto Tang Hall Lane, Left onto Fifth Ave (turn round at end), Straight over Tang Hall Lane onto Fifth Ave, across Melrosegate, Right onto Fourth Ave, Right Tang Hall Lane, Right onto Hull Rd.
- TRAVEL** Right onto Melrosegate.
- GRIT** Right onto Alcuin Ave, Right onto Tang Hall Lane, Left onto Osbaldwick Lane, Around Osbaldwick Village, Murton Way to A166, Left to Stamford Bridge turn round at Cost Cutters, TRAVEL back on A166, GRIT Left Dunnington turn round at Main St, Left onto Grimston Bar, Hull Rd to Roundabout, Tranby Ave, Osbaldwick Link, left Hull Rd, Right to Park & Ride, Turn round at Roundabout, left onto Hull Rd, Left Windmill Lane, Left Field Lane, Left Sussex Road, Right onto Crossways, Right Yarburgh Way, Right Deramore Drive, Left Eastfield Cres, Left Field La to Hull Rd.
- TRAVEL** Hull Rd, Left onto Green Dykes Lane, University Rd.
- GRIT** University Rd (from roundabout), Left onto Field Lane, Right School Lane, Right Low Lane, Right Main St, Right Field Lane, Left Innovation Way, left University Road, left Field Lane, right at new roundabout (new bus interchange), right at roundabout, right field lane.
- TRAVEL** Left onto Hull Rd, Right onto Tang Hall Lane.
- GRIT** Melrosegate from Tang Hall Lane to East Parade, East Parade, Left onto Harcourt St, Right onto Fifth Ave, Reverse down Glen Rd, Layerthorpe.
- TRAVEL** Return to Depot.

## **GRIT ROUTE 2**

- GRIT** Peasholme Green, The Stonebow, Pavement, Coppergate, Left Tower St, Paragon St, Right Barbican Rd, Right Kent St, Fawcett St, Fishergate, Tower St, Skeldergate Bridge, Bishopgate St, Left Clementhorpe turn round J/W Terry Ave, Nunnery Lane, Left Blossom St, The Mount, Right Dalton Terr, Right Holgate Rd, Left Blossom St, Left Queen St, Station Rd, Rougier St, George Hudson St, Left Bridge St, Low Ousegate, Clifford St.
- TRAVEL** Tower St.
- GRIT** Piccadilly, Merchantgate, Walmgate, St Deny's Rd, Right Piccadilly.
- TRAVEL** Coppergate, Low Ousegate, Bridge St.
- GRIT** Micklegate.
- TRAVEL** Blossom St, The Mount.
- GRIT** Scarcroft Rd, Left Bishopthorpe Rd, Nunnery Lane, Prices Lane, Left Skeldergate. Bishopthorpe Rd, Right Campleshon Rd, Right Knavesmire Ave, Queen Victoria St, Balmoral Terr.
- TRAVEL** Right Bishopthorpe Rd, Campleshon Rd to Knavesmire Ave.
- GRIT** Knavesmire Rd, Right Mount Vale, Left Dalton Terr, Left Driffield Terr, Love Lane, Left Knavesmire Rd, Turn Round in Layby, Left Mount Vale, Tadcaster Rd, Left Middlethorpe Dr, Lycett Rd, Middlethorpe Grove, Right Tadcaster Rd, Left St Helens Rd, Eason View, Right Turnmire Road, Thanet Road, Eason View, Leaside, Right West Thorpe, Right Thanet Rd, Right Eason View, Right Chaloners Rd, Right Thanet Rd.
- TRAVEL** Right West Thorpe, Leaside, Right Eason View.
- GRIT** Left Chaloners Rd, Left Moor Lane, Right into Park & Ride Turn Round at Roundabout at Park & Ride Height Barrier, Right Tadcaster Rd, Under A64 to Copmanthorpe, turn round at Fox & Hounds Pub, Tadcaster Rd, Left Pulleyn Dr turn round at end of road.
- TRAVEL** Tadcaster Rd, Right St Helens Rd, Thanet Rd.

## **GRIT ROUTE 2 (Cont'd)**

- GRIT** Right Danesfort Ave, Left Stuart Rd, Right Tudor Rd, Right Kingsway West, Windsor Garth, Ashford Place, Ascot Way, Right Kingsway West, Left Danesfort Ave, Right Gale Lane, Right Tudor Rd, Hamilton Dr, Right Collingwood Ave, Left Hob Moor Dr, Holly Bank Rd, Right Hamilton Dr, Left Holgate road, Poppleton Road, Left Grantham Drive, Right Acomb Road, Left Moorgate.
- GRIT** Right Hamilton Dr, Right Green Lane, Front St, Gale Lane, Right Foxwood Lane, Left Askham Lane to Ring Road, Turn Round.
- TRAVEL** Askham Lane, Right Foxwood.
- GRIT** Right Bellhouse Way (full loop), Right Acomb Wood Dr, Alness Dr, Left Moor Lane, Right through Layby, Left to Ring Road, Turn Round, Moor Lane, Left Moorcroft Rd, Acorn Way, Rycroft Ave, Grassholme, Left Moor Lane.
- TRAVEL** Right Tadcaster Rd.
- GRIT** Left Sim Balk Lane, Left Main St, Left Bishopthorpe Rd to Campleshon Rd.
- TRAVEL** Bishopthorpe Rd, Left Tower St, Left Piccadilly, Right Merchantgate.
- GRIT** Walmgate to J/W Foss Islands Rd.
- TRAVEL** Return to Depot.



## **GRIT ROUTE 3**

- GRIT** Left onto James St, Right Lawrence street, Left James St, Right Lawrence street, Right Foss Islands Rd, Jewbury, St Maurice's Rd, Monkgate, Right Foss Bank, Right down slip road.
- TRAVEL** Jewberry, St Maurice's Rd, Monkgate.
- GRIT** Heworth Green, Right Heworth Rd, Left Heworth Village, Left Hempland Lane to Stockton Lane.
- TRAVEL** Left Stockton Lane to Roundabout.
- GRIT** Stockton Lane, Right Algarth Rd, Applecroft, Left Ashley Park Rd, Left Stockton Lane, Left Algarth, Applecroft, Stray Rd, Right Bad Bargain Lane, Fourth Ave, Right Fifth Ave, Right Harcourt St, Mill Lane.
- TRAVEL** Left Heworth Green, round roundabout back to Malton Rd.
- GRIT** Malton Rd, Left Monks Cross, Left Park and Ride, Left Monks Cross right at roundabout, turn around at roundabout at Asda, Left at roundabout, Left Malton Rd, turn around at A64 roundabout, Left Hopgrove Lane South, Left Stockton Lane, Turn around at Holtby Lane End, Stockton Lane, right Straylands Grove, Right Malton Rd, Left Elmfield Ave, Right Monkton Road, Barfield Rd, Sefton Ave, Right Elmfield Ave, Left Monkton Rd, Right Byland Ave, Right Huntington Rd, Right Brockfield Park Dr, Right New Lane.
- TRAVEL** Left Malton Rd, Left Monks Cross.
- GRIT** Right slip road to rear of Asda, turn around at Roundabout, Right Monks Cross, 3<sup>rd</sup> Exit on roundabout to rear of Monks Cross, Second Roundabout, Left A1237, Turn around at Roundabout.
- TRAVEL** Monks Cross, Right at roundabout, Left at Round about,
- GRIT** Right at roundabout, Left Aldi, to entrance of Park & Ride, Left Jockey Lane to New Lane.
- TRAVEL** Left New Lane, Right Brockfield Park Drive, Left Huntington Rd.
- GRIT** JNC of Mini roundabout Byland Ave, Huntington Rd, Right Penleys Grove St, Right Clarence St, Right Lowther St.
- TRAVEL** Right Monkgate

## **GRIT ROUTE 3 (Cont'd)**

- GRIT** Right Lord Mayors Walk, Right Clarence St, Left Wigginton Rd, Left Clifton Moorgate (Bumper Castle), Left Water Lane, Right Brompton Rd, Right Rawcliffe Lane, Right Rawcliffe Dr, Right Water Lane, Left Burdyke Ave, Round Roundabout, Left Burton Green, Right Burton Stone Lane.
- TRAVEL** Right Clifton.
- GRIT** Right Water Lane. To bottom of Brompton Rd
- TRAVEL** Right Burdyke Ave
- GRIT** Crichton Ave.
- TRAVEL** Right Wigginton Rd to J/W Haxby Rd.
- GRIT** Haxby Rd from Wigginton Rd to Haleys Terr.
- TRAVEL** Return to Depot.

# GRIT ROUTE 4

- GRIT** Gillygate, St Leonards Place, Museum St
- TRAVEL** Lendal Bridge.
- GRIT** Station Rd, Station Ave.
- TRAVEL** Lendal Bridge, Museum St, St Leonards Place.
- GRIT** Bootham, Left Marygate, Left Bootham, Clifton, Clifton Green, Left Water End, Left Westminster Rd, Left The Avenue, Left Clifton Green, Right onto Water End, Right onto Clifton, Right onto Clifton Green, Left onto Water End, Left onto Poppleton Rd, Right Acomb Rd, Left onto West Bank (turn round at end), Left onto Acomb Rd, York Rd, Left at Roundabout, Right onto Front St, Askham Lane, Turn round at roundabout with Foxwood Lane, Right onto Cornlands Rd, Right onto Gale Lane, Right onto St Stephens Rd.
- TRAVEL** Left onto Cornlands rd, Right onto Askham Lane.
- GRIT** Ridgeway, Bramham Ave, Left onto Bramham Rd, Left onto Barkston Ave, Left onto Ridgeway, Right onto York Rd, Right The Green to Askham La, Front St, Left York Rd, turn round at Beckfield La roundabout, Left onto Carr Lane, Left Woodlea Bank turn round, Left Carr Lane, Right onto Boroughbridge Rd, Right onto Carr Lane, Left onto Almsford Rd, Woodlea Ave, Right onto Danebury Ave.
- TRAVEL** Right onto Acomb Green.
- GRIT** Right onto Beckfield Lane, Right onto Ostman Rd.
- TRAVEL** Left onto Danebury Drive, Woodlea Ave, Right onto Almsford Rd, Left onto Carr Lane.
- GRIT** Left onto Boroughbridge Rd, A1237 from Boroughbridge Rd to Copmanthorpe roundabout, Right Askham Bryan, Right Askham Bryan Lane to A1237.
- TRAVEL** Left A1237 to Wetherby Rd.
- GRIT** Right Wetherby Rd, Left Beckfield La, Left Knapton La, Ten Thorn La, Main St, Left A1237, Left Wetherby Rd, Left Bland La.
- TRAVEL** Right onto Knapton La, Left Beckfield La, Right Boroughbridge Rd, Left onto Water End.

## **GRIT ROUTE 4 (Cont'd)**

**GRIT** Right onto Salisbury Rd, Salisbury Terr, Right onto Kingsland Terr, Right onto Garfield Terr, Right onto Livingston St, Right onto Salisbury Terr, Right onto Kingsland Terr, Left onto Leeman Rd to Station Rise.

**TRAVEL** Return to Depot.

## **GRIT ROUTE 5**

- GRIT** Holgate Rd from The Mount to The Fox Pub, Poppleton Rd, Boroughbridge Rd Jnc with Car Lane.
- TRAVEL** Boroughbridge Rd, Left A1237
- GRIT** Right Wetherby Road to Boundary, turn round, Return to Mill Lane, Left towards Hessay to T Jnc, turn around, back to Wetherby Rd, Left to Rufforth, Right onto Bradley Lane to T Jnc right to Boundary, Turn around and Return to Jnc, to Askham Richard, Right at junction to boundary, turn round and return towards Staggered Crossroads, Right to Buckles Inn, Turn Around, Return to Staggered Cross Roads, Right York Rd to j/w Askham Fields Lane.
- TRAVEL** Right A1237 Roundabout
- GRIT** From Roundabout over A64, Left Manor Heath, School Lane, Left Horseman Lane, Left Horseman Dr, Right Manor Heath, Right Hallcroft Lane, Top Lane Right Merchant Way, Left Flaxman Croft, Right Merchant Way, Left Top Lane, Left Horseman Lane, Main Street, Left Station Rd, Left St Giles Way, 2<sup>nd</sup> Right Barons Crescent, Right St Giles Way, Left Main Street Left Station Rd, Temple Lane over Cross Roads, Cowper Lane to Acaster Malbis, Left Hauling Lane, Acaster Lane to Bishopthorpe, Left into Keble Park North.
- TRAVEL** Right Acaster Lane, Hauling Lane to Mill Lane.
- GRIT** Left Mill Lane, Intake Lane to T Jnc Right to Boundary, Turn Around back to Appleton Rd, Left to Bishopthorpe, Left Bridge Rd, to T Jnc, Turn Around, Back to Appleton Road, Left Main St, Left
- GRIT** Bishopthorpe Rd, Left Church Lane, Left Sim Balk Lane, Right Appleton Rd, Right Copmanthorpe Lane, Turn Around at the end, Return
- GRIT** Right Appleton Rd, Left Maple Ave, Left Montague Rd, Right Acaster Lane, Right Ramsey Ave, Left Montague Rd, Right Acaster Lane, Right Ramsey Ave, Left Montague Rd, Left Lamplugh Cres,, Right Lamplugh Cres, Left Keble Park North, Left Acaster Lane to Main Street.
- TRAVEL** Return to Depot.

## **GRIT ROUTE 6**

- GRIT** Shipton Rd to A1237, turn around roundabout, Shipton Road, Left into New Park & Ride entrance, Left A19, turn round at Benningbrough Rd junction (Sidings Restaurant, 1km past York Boundary).
- TRAVEL** Return on A19.
- GRIT** Left Fairfield Drive, Brecksfields (full loop), Right The Village, Moorlands Rd turn round J/W Corban Lane (Browns Nursery), St Giles Rd.
- TRAVEL** Left Shipton Rd.
- GRIT** Left Rawcliffe Lane, Left Eastholme Drive, Left Howard Drive, Left at Mitre Pub, Left Bowness Drive grit around island, Right Eastholme Drive, Left Green Lane, Left Water Lane, Left Clifton Moorgate, 2nd left Oakdale Rd, Left Clifton Moorgate, Left at roundabout onto Longwood Rd, Rivelin Way, Left Oakdale Rd.
- GRIT** Right Clifton Moorgate
- GRIT** Left Kettlestring Lane, Right Audax Rd, Right Stirling Rd, Right at roundabout turn round at A1237 roundabout, Return on Stirling Rd, round roundabout at Screwfix, Carry on down Stirling Rd, Right Clifton Moorgate, Turn round at A1237, Left Kettlestring Lane, Left Clifton Moorgate, Left Wigginton Rd over Ring Road, left Corban Lane, turn round in farm entrance at boundary, left Wigginton Road to boundary, turn round at junction to Sutton on Forest
- TRAVEL** Back down Wigginton Rd.
- GRIT** Left Mill lane, The Village, around roundabout, Left Usher Lane, Left Oaken Grove, Left Moor Lane, Right The Village, Left Westfield Lane, Green Dike, Eastfield Ave, Left York Rd, Left Holly Tree Lane, Right Greenshaw Drive, Left Westfield Lane, Right Walmer Carr, Right Mill Lane, The Village, Right Westfield Lane, Left Greenshaw Drive, Left Westfield Road
- TRAVEL** Right The Village, Right York Road, Right Holly Tree Lane, Right Oak Tree Lane
- GRIT** Left Wheatfield Lane, Left Eastfield Ave, Left York Road, Left Holly Tree Lane, Left Oak Tree Lane, Left Eastfield Avenue.
- TRAVEL** To A1237 Turn Left onto A1237 to Roundabout at Junction With Malton Road.
- GRIT** Malton Road from Junction With A1237 to Heworth Road. ( Inc Bus Lane)
- TRAVEL** Return to Depot.

# **GRIT ROUTE 7**

- GRIT** Dodsworth Ave from Heworth Green, Fossway, Haleys Terr, Right Haxby Rd, Right Link Road, Turn Around Roundabout, Right to Haxby, Right Station Rd, Left Usher Lane to Crossmoor Lane, Turn Round Left Station Rd, 2nd Right into West Nooks Loop to Station Rd, Right Towthorpe Rd, Left at Strensall Rd Junction, Left York Rd, West End, Left West Pit La, Middlecroft Dr, Left West End, Right over bridge Haxby Moor Rd to Wigginton, Left The Village, Left Usher Lane return to West End, Left York Rd, Left The Village, Left Sheriff Hutton Rd and Turn Round at Boundary (Second Cattle Grid), Return, Right at Oak Wood, Turn Round at Boundary (Ent High Roans House).
- TRAVEL** Right Sheriff Hutton Rd, Right The Village.
- GRIT** Left Princess Rd, Moor Lane, Left Flaxton Rd to Boundary (Cattle Grid), Turn Round.
- TRAVEL** Return along Flaxton Rd.
- GRIT** Right Lords Moor Lane, Right Brecks Lane, Left Park Gate, Right Heath Ride, Right Thompson Dr, Right Brecks La, Right The Village.
- TRAVEL** Left Princess Rd, Moor Lane.
- GRIT** Right Ox Carr Lane, Strensall Rd, Huntington Rd, Left North Moor Lane, turn at roundabout, Left Huntington Road, Right Link Rd, Turn around at Roundabout, Right Huntington Rd,
- TRAVEL** Left Brockfield Park Dr
- GRIT** Left New Lane, North Moor Rd, Strensall Rd, Right to Stockton on Forest, Towards Warthill, Turn Round at Boundary, Left Through Stockton on Forest, Turn Left to Holtby, Left Towards Warthill, Turn Round at Boundary, Through Holtby Village to A166.
- TRAVEL** Return to Depot.

## **GRIT ROUTE 8**

- GRIT** Hull Rd from Black Bull, Grimston Bar Roundabout (ALL), Right Elvington Lane, Main St, Over Bridge, Turn Round.
- TRAVEL** Back through Main St.
- GRIT** Right to Kexby (Side of School) to A1079, Turn Round.
- TRAVEL** Back to Elvington, Right to Wheldrake Lane.
- GRIT** Left to Wheldrake, Right at School, Left Main St to Boundary at Thicket Priory (Thorganby), Turn Round.
- TRAVEL** Back to Wheldrake Lane.
- GRIT** Right Wheldrake Lane to School, Turn Round at Junction, Right Main St, Left Towards Escrick, Turn Round at Boundary (Wheldrake Grange).
- TRAVEL** Back to Wheldrake.
- GRIT** Left to Crockey Hill J/W A19.
- TRAVEL** Left A19, Right to Naburn.
- GRIT** Left Naburn Lane to Boundary (Moreby Hall), Turn Round.
- TRAVEL** Back to Naburn Village.
- GRIT** Left in Village to School, Left Naburn Lane to J/W A19, Right to Second Roundabout, Turn Round (Both Roundabouts) Right St Nicholas Ave (around McArthur Glen Circuit), Return on A19, Right Fordlands Rd, Left Crossfield Cres, Right Fordlands Rd, Right Fulford Rd to Heslington Lane.
- TRAVEL** Return to Depot.



# **TRAILER MOUNTED GRITTER ROUTE 9**

Fulford Cross  
Scarcroft Hill  
St James Mount  
Wentworth Road  
Philadelphia Terrace

Hob Moor Terrace

Wilton Rise  
Windmill Rise  
Green Lane  
Dane Ave  
Manor Drive South  
Hebden Rise  
Howe Hill Close  
Bouthwaite Drive  
Burnsall Drive  
Sowerby Road  
Manor Drive North  
Malvern Avenue  
Glebe Avenue  
Lindsey Avenue

Queen Annes Road  
Bootham Terrace  
Blake street  
Davygate  
Parliament Street  
Park Grove  
Ramsey Close  
Yearsley Grove

Whip Ma Whop Ma Gate  
Fossgate

# **GRIT ROUTE 10**

**GRIT** A59 from A1237 to boundary at Turn Bridge, turn round and return on A59, Right Hessay, Right Main St to boundary. Return on A59, Left Hodgson Lane, Right Station Rd.

**TRAVEL** Left A59, Left A1237

**GRIT** Right Millfield Lane to Poppleton, Left Main St, Left Long Ridge Lane, Right Millfield Lane, Right Great North Way, Left White Rose Way, Return to A1237, Right to A64 at Hopgrove Roundabout. Grit all the way around each roundabout on route.

**TRAVEL** A64 to North Lane

**GRIT** North Lane to A1237 roundabout

**TRAVEL** A1237, A64 to Grimston Bar.

**GRIT** A1079 to Kexby turn round at Kexby House.

**TRAVEL** Return on A1079 to Dunnington

**GRIT** Right Common Lane, Left Main St to A1079.

**TRAVEL** Right A1079, Left on A64 to A19.

**GRIT** Roundabouts under A64, grit A19 to Escrick turn round in junction opposite the church.

**TRAVEL** Return to depot.



**FOOTWAY SNOW CLEARANCE & PRECAUTIONARY TREATMENT ROUTES**

**Priority footways:**

City centre, footstreets and routes to station and car parks

Front Street, Acomb

Old School Court

William Plows Avenue

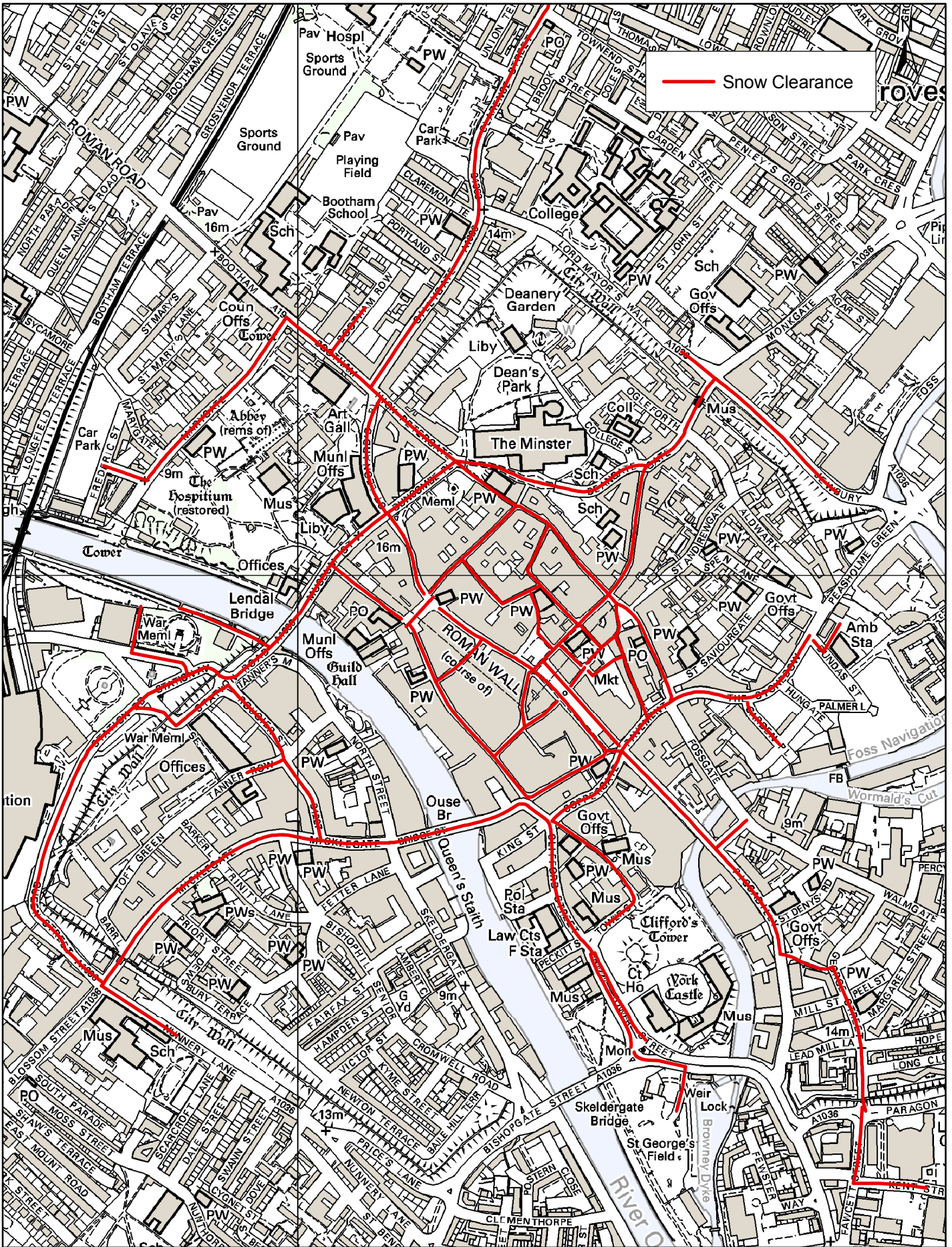
Wentworth Road, Scarcroft Hill

St Helen's Road

Bishopthorpe Road, shopping area

Clarence Street and Wigginton Road, hospital frontage





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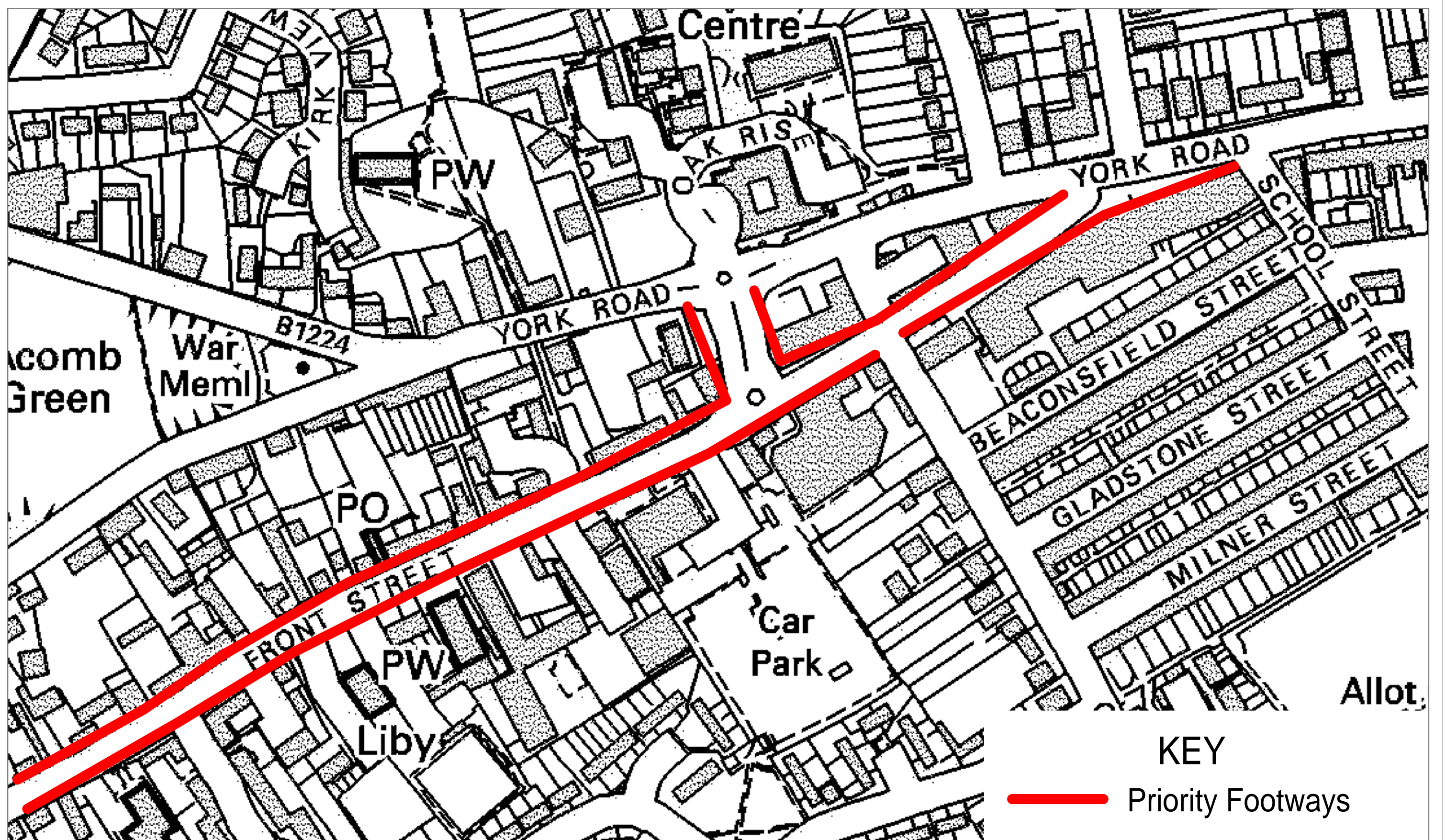
## Snow clearance - city centre footways

Drawn by

Date Oct 2010

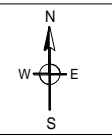
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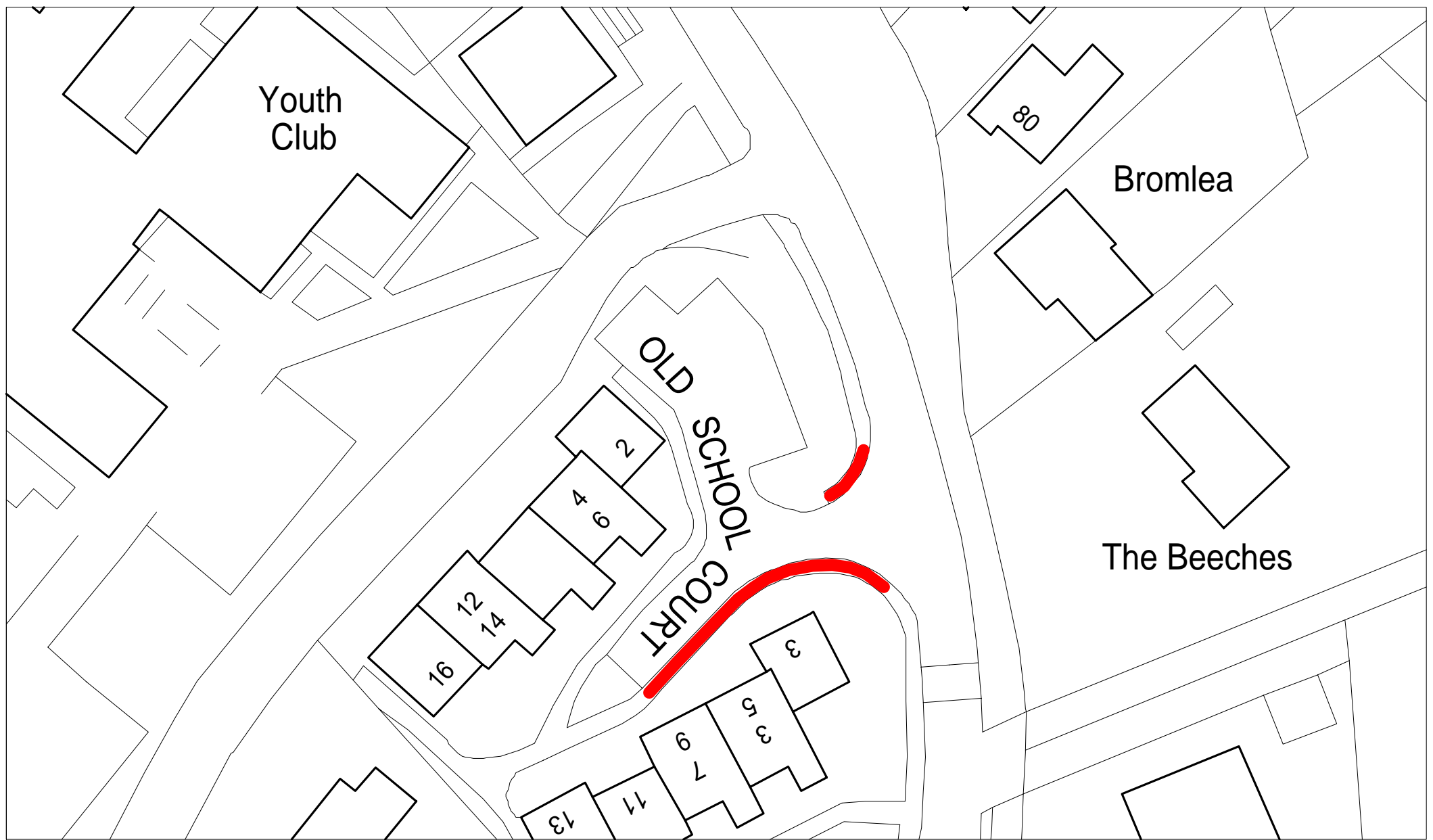




**KEY**  
 Priority Footways



WINTER MAINTENANCE (SNOW CLEARANCE) - FOOTSTREETS & SHOPPING AREAS ACOMB SHOPPING AREA			
SCALE: 1:2500	DRAWN BY: DJM	DATE: 12/10/2005	
Originating Group:	Project: WINTER MAINTENANCE	Drawing No. GRITACO	



Priority Footways



CITY OF  
**YORK**  
COUNCIL

9, St. Leonards Place, York, YO1 2ET  
Telephone: 01904 551550

WINTER MAINTENANCE (SNOW CLEARANCE FOOTWAYS)  
OLD SCHOOL COURT

SCALE: 1:500  
Originating Group:

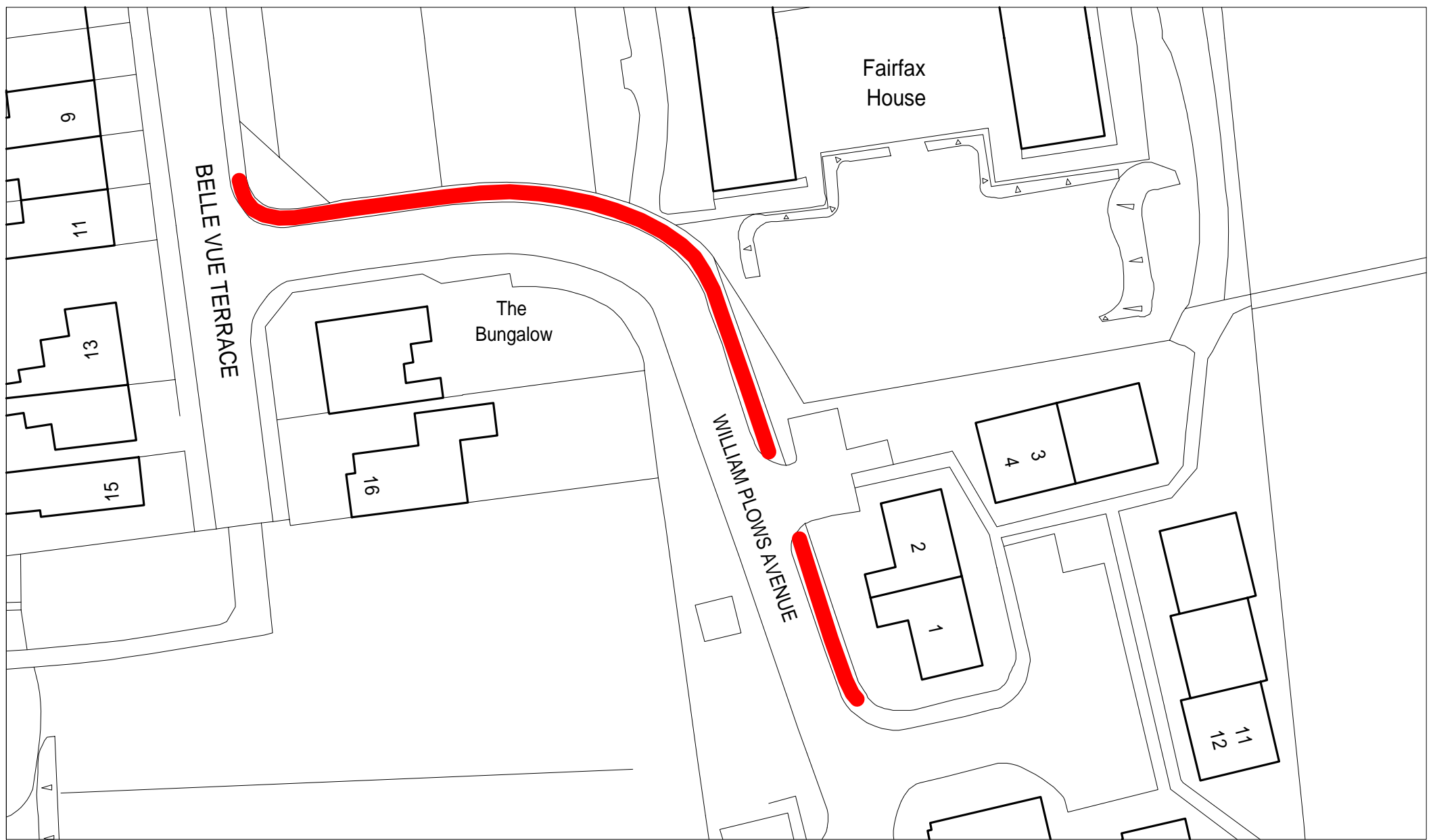
DRAWN BY: JB  
Project

DATE 14/9/2004  
Drawing No.

GRITOSCP







Priority Footways 



9, St. Leonards Place, York, YO1 2ET  
Telephone: 01904 551550

WINTER MAINTENANCE (SNOW CLEARANCE FOOTWAYS)  
WILLIAM PLOVS AVENUE

SCALE: 1:500  
Originating Group:

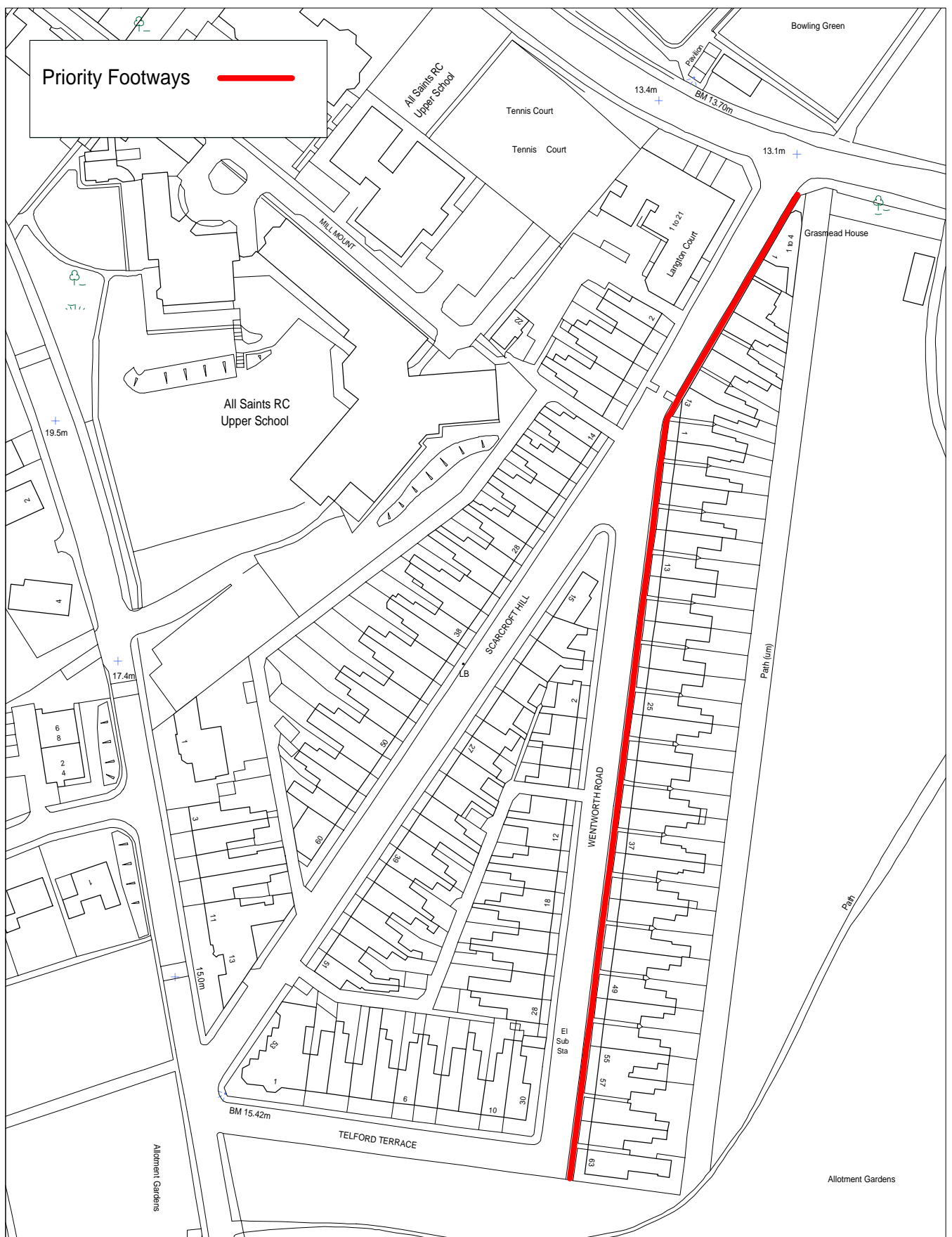
DRAWN BY: JB  
Project

DATE 14/9/2004  
Drawing No.

GRITWPA



Priority Footways



WINTER MAINTENANCE (SNOW CLEARANCE FOOTWAYS)  
WENTWORTH ROAD/SCARCROFT HILL



SCALE 1:1250  
Originating Group

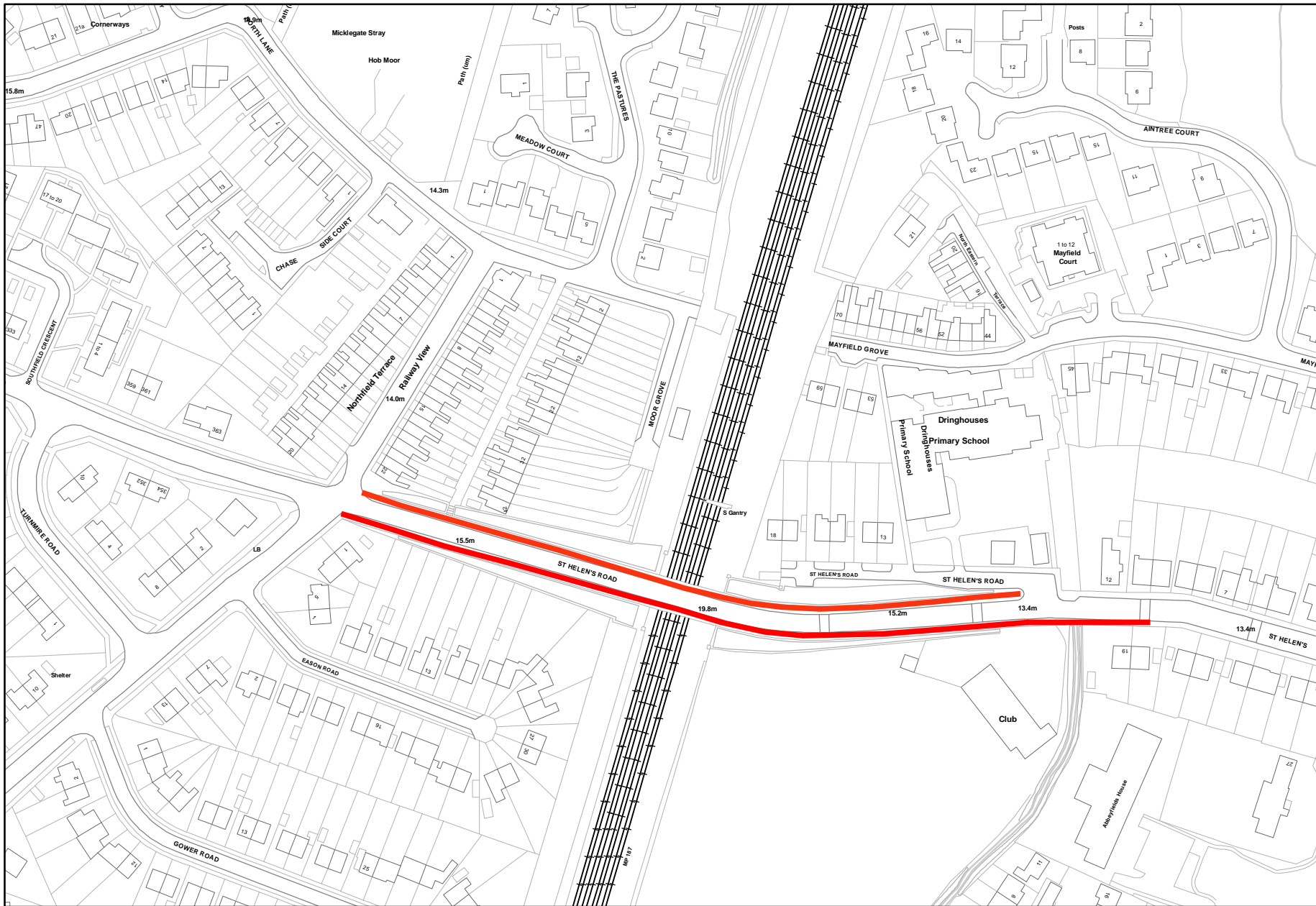
DRAWN BY JB  
Project

DATE 14/9/2004  
Drawing No. GRITWRSH

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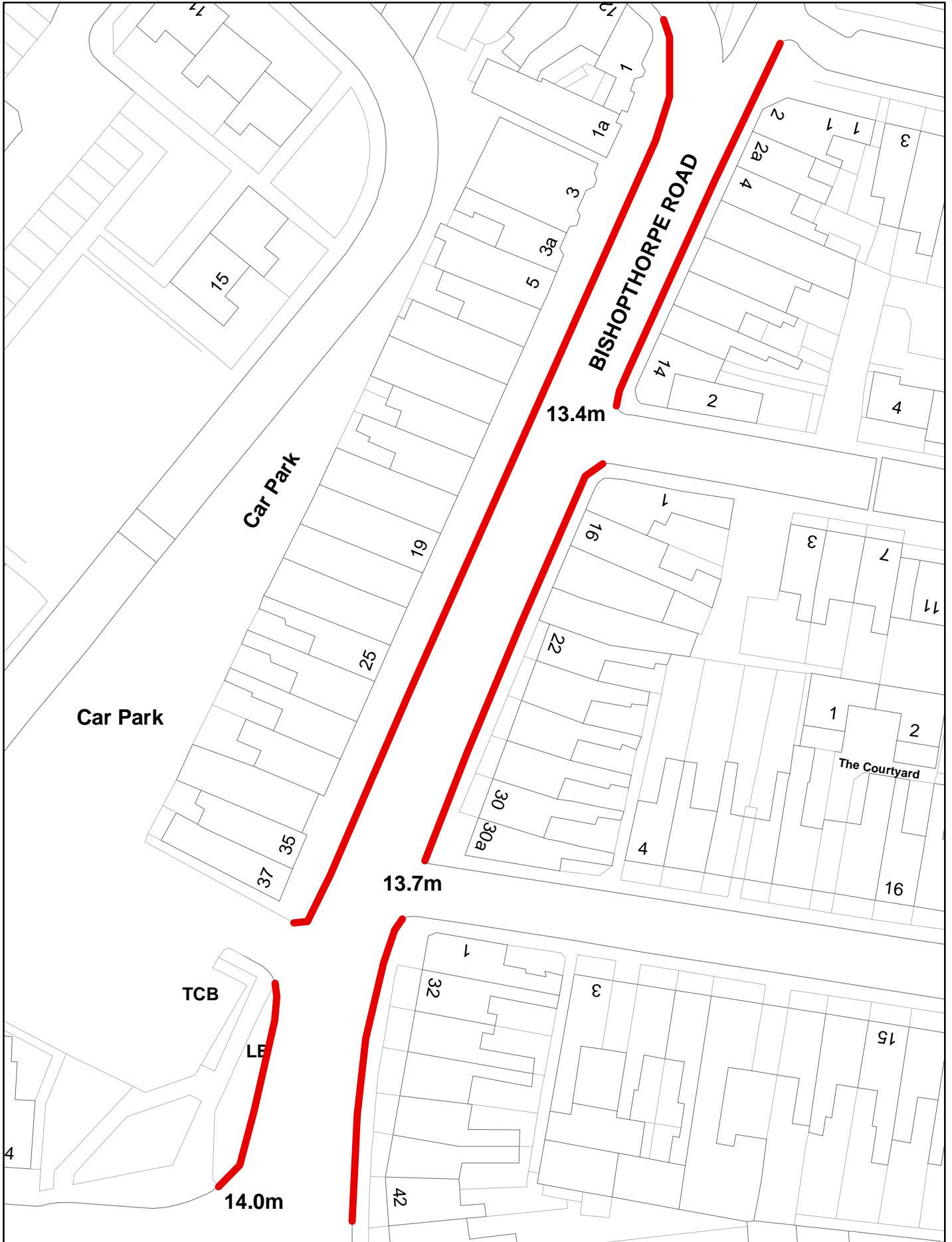


## WINTER MAINTENANCE (SNOW CLEARANCE FOOTWAYS) ST HELENS ROAD

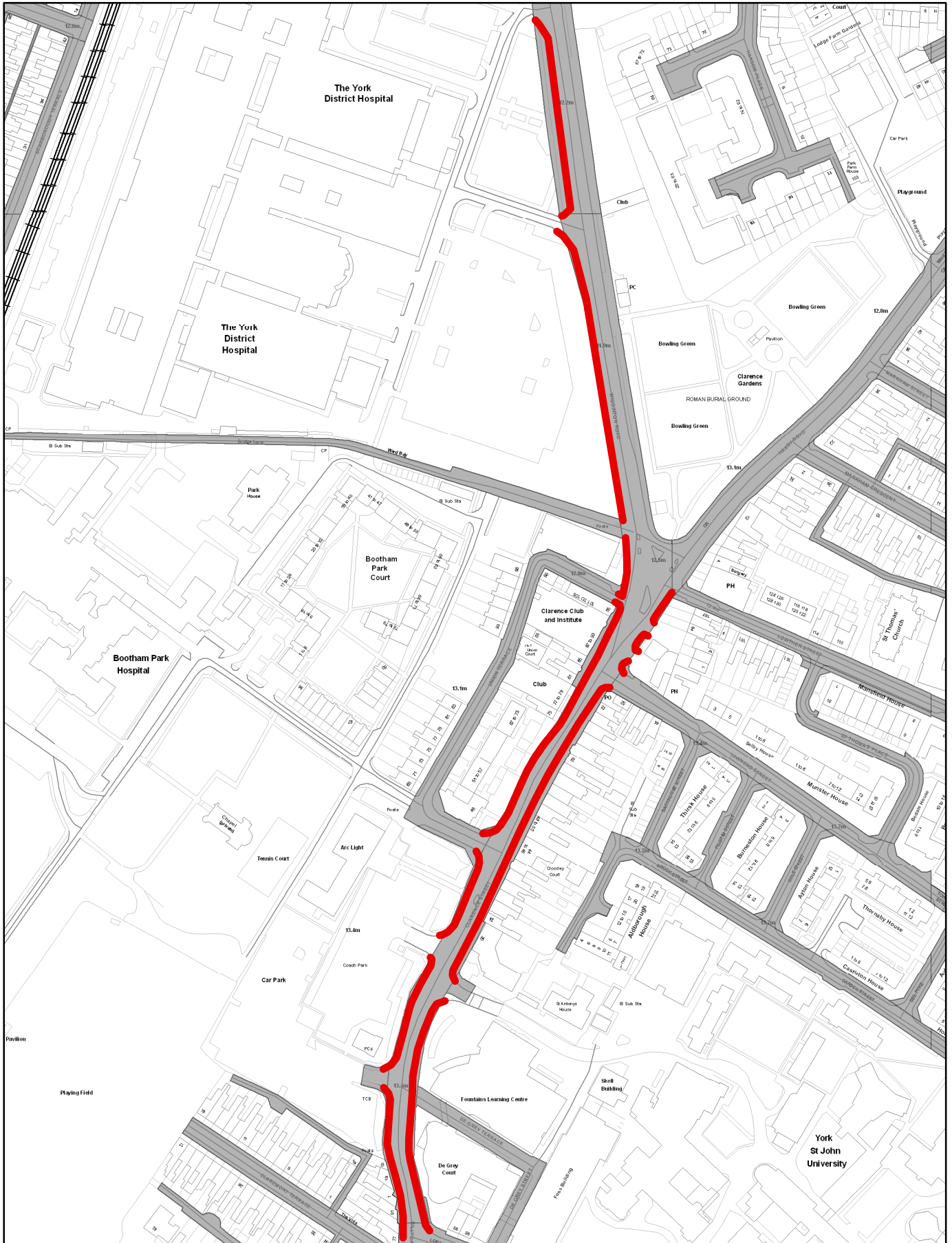
Drawn by BJH

Date Nov 2008




Scale 1:2,000



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	<b>WINTER MAINTENANCE (SNOW CLEARANCE FW) CLARENCE ST (BOTH SIDES) AND HOSPITAL FRONTAGE OF WIGGINTON ROAD</b>				
	Drawn by <b>M.V</b>	Date <b>26/08/2010</b>	Scale <b>1:2,500</b>		

## SALT BIN LOCATIONS 2010/11

ANNEX 11

STREET	LOCATION	WARD
BECKFIELD LANE	OUTSIDE NUMBER 15	ACOMB
BECKFIELD LANE	INSIDE SCHOOL GROUNDS	ACOMB
BECKFIELD LANE	OUTSIDE POST OFFICE	ACOMB
BOROUGHBRIDGE ROAD	JCN PLANTATION DRIVE OUTSIDE PO	ACOMB
GRANGER AVENUE	OUTSIDE NUMBERS 30 & 32	ACOMB
JUTE ROAD	O/S 90/92	ACOMB
KIRK VIEW	OUTSIDE NUMBER 1	ACOMB
LANGHOLME DRIVE	OUTSIDE NUMBER 70	ACOMB
LOW POPPLETON LANE	NEAR SCHOOL ENTRANCE	ACOMB
MILLGATES	AT SIDE OF NUMBER 16	ACOMB
OSTMAN ROAD	ENTRANCE TO CARR JUNIOR SCHOOL	ACOMB
OUSEBURN AVENUE	JCN BECKFIELD LANE	ACOMB
PRINCESS DRIVE	JCN BROUGHBRIDGE ROAD	ACOMB
RUNSWICK AVENUE	OUTSIDE NUMBERS 35 & 37	ACOMB
ST STEPHENS MEWS	SIDE OF 22 THE GREEN	ACOMB
STAITHES CLOSE	ON GRASS VERGE NEAR NO 9	ACOMB
WHEATLANDS GROVE	NEAR NUMBER 1	ACOMB
COPMANTHORPE LANE	NEAR ENTRANCE TO JUNIOR SCHOOL	BISHOPTHORPE
MAIN STREET (BISHOPTHORPE)	NEAR LIBRARY	BISHOPTHORPE
SIM BALK LANE	NEAR ENTRANCE TO INFANTS SCHOOL	BISHOPTHORPE
BURTON AVENUE	OUTSIDE NUMBER 6	CLIFTON
EVELYN CRESCENT	OS 18-43 MARJORIE WAITE COURT	CLIFTON
GREENCLIFFE DRIVE	OUTSIDE NUMBERS 16 & 18	CLIFTON
HAUGHTON ROAD	WALLED PARKING AREA ADJ TO GARAGE	CLIFTON
HAXBY ROAD	IN GROUNDS OF HAXBY RD SCHOOL	CLIFTON
HAXBY ROAD	NEAR POST OFFICE	CLIFTON
IMPERIAL COURT (ASHTON AVENUE)	OUTSIDE NUMBER 4	CLIFTON
MORRELL HOUSE	BURTON STONE LANE BY BIKE SHED	CLIFTON
POTTERY LANE	SIDE OF 24 DODSWORTH AVENUE	CLIFTON
WATER END	JCN GREENCLIFFE DRIVE	CLIFTON
WESTMINSTER ROAD	ADJACENT TO NUMBER 47	CLIFTON
EASTFIELD LANE	OPP JCN WITH HOLLY TREE LANE	DERWENT
GARDEN FLATS LANE	OS NUMBER 24	DERWENT
MANOR DRIVE	OUTSIDE NUMBER 7	DERWENT
PEAR TREE LANE	IN SCHOOL GROUNDS	DERWENT
YORK STREET (DERWENT)	OPPOSITE NUMBER 42	DERWENT
ALNESS DRIVE	OPPOSITE NUMBERS 53	DRING & WOODTHORPE
ANNAN CLOSE	ADJACENT TO NUMBER 9	DRING & WOODTHORPE
DEVERON WAY	OUTSIDE NUMBER 14	DRING & WOODTHORPE
DON AVENUE	OUTSIDE NUMBER 34	DRING & WOODTHORPE
DON AVENUE	AT THE JUNCTION WITH SWALE AVENUE	DRING & WOODTHORPE
EDEN CLOSE	AT THE JUNCTION WITH MOOR LANE	DRING & WOODTHORPE
GANTON PLACE	NEXT TO LAMP COLUMN 2	DRING & WOODTHORPE
HERDSMAN ROAD	IN THE CAR PARK	DRING & WOODTHORPE
HILLCREST GARDENS	NEAR JCN HOB MOOR TERRACE	DRING & WOODTHORPE
LEESIDE	OUTSIDE NUMBER 7	DRING & WOODTHORPE
LINDALE	OPP 15 S/O GARAGES	DRING & WOODTHORPE
LOWICK	OPPOSITE NUMBER 7	DRING & WOODTHORPE
MIDDLETHORPE GROVE	OUTSIDE NUMBER 32	DRING & WOODTHORPE
MIDDLETHORPE GROVE	AT THE JUNCTION WITH THE SPINNEY	DRING & WOODTHORPE
MOOR LANE	J/W MOORCROFT ROAD	DRING & WOODTHORPE
MOORLEA AVENUE	OS NUMBER 14	DRING & WOODTHORPE
NAIRN CLOSE	BETWEEN BOLLARDS BY VENT COLUMN	DRING & WOODTHORPE
NEVIS WAY	NEAR NUMBER 14	DRING & WOODTHORPE
NORTH LANE	NEAR JCN ORCHARD WAY	DRING & WOODTHORPE
NORTH LANE	ON CORNER	DRING & WOODTHORPE
ORCHARD WAY	AT JCN WITH ORCHARD CLOSE	DRING & WOODTHORPE

<b>STREET</b>	<b>LOCATION</b>	<b>WARD</b>
ORRIN CLOSE	OUTSIDE NUMBER 29	DRING & WOODTHORPE
ROYAL CHASE	OPPOSITE NUMBE 6	DRING & WOODTHORPE
SILVERDALE COURT	NEAR LAMP COLUMN NO 1	DRING & WOODTHORPE
SLINGSBY GROVE	JUNCTION TADCASTER ROAD (OS 86)	DRING & WOODTHORPE
SOUTHFIELD CRESCENT	ON BEND	DRING & WOODTHORPE
SPEY BANK	AT THE JUNCTION WITH ANNAN CLOSE	DRING & WOODTHORPE
ST HELENS ROAD	NEAR SCHOOL ENTRANCE	DRING & WOODTHORPE
ST JAMES PLACE	NEAR NUMBER 10	DRING & WOODTHORPE
SUMMERFIELD ROAD	AT ENTRANCE TO PRIMARY SCHOOL	DRING & WOODTHORPE
SUMMERFIELD ROAD	NEAR NUMBER 33	DRING & WOODTHORPE
THE HORSESHOE	OUTSIDE NUMBER 40	DRING & WOODTHORPE
WAINS GROVE	OUTSIDE SHOPS	DRING & WOODTHORPE
WEST THORPE	NEAR NUMBER 5	DRING & WOODTHORPE
WORDSWORTH CRESCENT	PATH ACROSS GREEN OPP LITTER BIN	DRING & WOODTHORPE
BROADWAY	OUTSIDE POST OFFICE	FISHERGATE
FISHERGATE	ENTRANCE TO ST GEORGES SCHOOL	FISHERGATE
FISHERGATE	OS FISHERGATE SCHOOL	FISHERGATE
FULFORD CROSS	ENTRANCE TO SCHOOL	FISHERGATE
HESLINGTON ROAD	ENTRANCE TO ST LAWRENCES SCHOOL	FISHERGATE
KEXBY AVENUE	AT THE JUNCTION THIEF LANE	FISHERGATE
MAPLE GROVE	AT BOTTOM OUTSIDE NUMBER 91	FISHERGATE
NORWAY DRIVE	SIDE OF 9 DANESMEADE	FISHERGATE
SANDRINGHAM STREET	AT SIDE OF NUMBER 17	FISHERGATE
DELWOOD	OPPOSITE NUMBER 14	FULFORD
FORDLANDS CRESCENT	ADJACENT TO NUMBER 19	FULFORD
FULFORD MEWS	IN GROUNDS OF NO. 1 - FULFORD HOME	FULFORD
FULFORDGATE	OPPOSITE NUMBER 11	FULFORD
GLEN CLOSE	NEAR LAMP POST NUMBER 1	FULFORD
MAIN STREET (FULFORD)	OUTSIDE POST OFFICE	FULFORD
SCHOOL LANE	AT ENTRANCE TO ST OSWALDS SCHOOL	FULFORD
BOWLING GREEN LANE	NEAR COPTON HOUSE	GUILDHALL
HOPE STREET	OUTSIDE NUMBER 44	GUILDHALL
HUNT COURT	OUTSIDE NO. 2 AGAINST HOUSE WALL	GUILDHALL
MANSION HOUSE	OUTSIDE THE MANSION HOUSE	GUILDHALL
SPEN LANE	OS ST ANDREWS GOSPEL HALL	GUILDHALL
ST MARGARETS TERRACE	NEAR STEPS	GUILDHALL
ST MARYS	REAR OF 66 ROMAN ROAD	GUILDHALL
TOWNEND STREET	AT THE JUNCTION WITH PILGRIM STREET	GUILDHALL
TOWNEND STREET	JCN DEL PYKE NEAR THE LITTER BIN	GUILDHALL
WALMGATE	OUTSIDE POST OFFICE	GUILDHALL
BIRCH LANE	AT THE SIDE OF NUMBER 27	HAXBY & WIGGINTON
CALF CLOSE	SIDE OF 112	HAXBY & WIGGINTON
ELDER GROVE	NEAR SNICKET TO NORTH LANE	HAXBY & WIGGINTON
STATION ROAD	OUTSIDE RALPH BUTTERFIELD SCHOOL	HAXBY & WIGGINTON
THE VILLAGE	OS BLACK HORSE PUB	HAXBY & WIGGINTON
WESTFIELD LANE	NEAR WIGGINTON PRIMARY SCHOOL	HAXBY & WIGGINTON
SCHOOL LANE	AT ENT TO LORD DERAMORES SCHOOL	HESLINGTON
ARRAN PLACE	AGAINST RAILINGS NEXT LAMP COL 3	HEWORTH
FOSSWAY	NEXT TO NOTICE BOARD	HEWORTH
FOSSWAY	AT END OF CUL DE SAC	HEWORTH
GERARD AVENUE	NEAR POST OFFICE	HEWORTH
HEWORTH ROAD	IN GROUNDS OF HEWORTH SCHOOL	HEWORTH
MUNCASTERGATE	ON GRASSED AREA OPP NUMBER 3	HEWORTH
ROCHE AVENUE	INSIDE COMMUNITY CENTRE GROUNDS	HEWORTH
SIXTH AVENUE	TANG HALL PRIMARY SCHOOL	HEWORTH
SIXTH AVENUE	OUTSIDE GLEN LODGE	HEWORTH
THORN NOOK	ON GRASSED AREA	HEWORTH

<b>STREET</b>	<b>LOCATION</b>	<b>WARD</b>
BECKWITH CLOSE	OPPOSITE NUMBER 4	HEWORTH WITHOUT
BRAMLEY GARTH	AT THE SIDE OF NUMBER 52	HEWORTH WITHOUT
BURNHOLME AVENUE	OUTSIDE NUMBER 50 ON GRASS VERGE	HEWORTH WITHOUT
GALTRES ROAD	AT THE JUNCTION WITH LARCHFIELD	HEWORTH WITHOUT
LAWNWAY	NEAR NUMBER 13 ON GRASS VERGE	HEWORTH WITHOUT
STOCKTON LANE	JCN ASHLEY PARK ROAD	HEWORTH WITHOUT
STOCKTON LANE	AT THE JUNCTION WITH HEMPLAND LANE	HEWORTH WITHOUT
WHITBY AVENUE	AT ENTRANCE TO HEMPLAND SCHOOL	HEWORTH WITHOUT
WOODLANDS GROVE	JCN ELM PARK WAY ON GRASSED AREA	HEWORTH WITHOUT
ACOMB ROAD	IN GROUNDS OF OAKHAVEN EPH AT FRONT	HOLGATE
ALDBOROUGH WAY	OPPOSITE NUMBER 72	HOLGATE
BIRSTWITH DRIVE	OPPOSITE NUMBER 7	HOLGATE
BOUTHWAITE DRIVE	NR AYSGARTH HOUSE IN FLAGGED AREA IN VERGE	HOLGATE
BURNSALL DRIVE	OPPOSITE NUMBER 6	HOLGATE
BURNSALL DRIVE	OPPOSITE NUMBER 9	HOLGATE
CAMBRIDGE STREET	OUTSIDE TALBOT HOUSE	HOLGATE
CLIVE GROVE	JCN HOLLY BANK ROAD	HOLGATE
GRANTHAM DRIVE	JCN HOWE HILL CLOSE	HOLGATE
HAMILTON DRIVE EAST	JCN BARBARA GROVE BY BOLLARD	HOLGATE
HOWE HILL ROAD	OPP JCN DILYS GROVE	HOLGATE
JUBILEE TERRACE	NEAR ST BARNABAS CHURCH	HOLGATE
LOWTHER TERRACE	OUTSIDE DORSET HOUSE	HOLGATE
LYNDEN WAY	JCN HOBGATE NEAR CABLE CABINET	HOLGATE
NURSERY DRIVE	NEAR THE ENTRANCE TO SCHOOL	HOLGATE
POPPLETON ROAD	OUTSIDE POPPLETON ROAD CHOOOL	HOLGATE
ST BARNABAS CLOSE	AT END OF CUL DE SAC	HOLGATE
WELLAND RISE	OUTSIDE NUMBER NO 2/3	HOLGATE
WEST BANK	AGAINST WALL NEAR LAMP COLUMN 3	HOLGATE
WINDMILL RISE	INSIDE BOUNDARY68 ACOMB ROAD NR WINDMILL	HOLGATE
WINDMILL RISE	JCN POPPLETON ROAD	HOLGATE
ALLEN CLOSE	NEAR 23 ON GRASS VERGE	HULL ROAD
BROUGHTON WAY	NEAR 29	HULL ROAD
CROSSWAYS	ENTRANCE TO BADGER HILL INFANTS	HULL ROAD
FLAXMAN AVENUE	IN GROUNDS OF RESPITE HOME NR OFFICE (NO.77)	HULL ROAD
INGLEBOROUGH AVENUE	OUTSIDE NUMBER 14	HULL ROAD
NEWLAND PARK DRIVE	OS 52	HULL ROAD
WELBORN CLOSE	NEAR NUMBER 36	HULL ROAD
YARBURGH WAY	NR ENTRANCE TO ARCHBISHOPS SCHOOL	HULL ROAD
CHURCH LANE	ENTRANCE TO CHURCH GROUNDS	HUNT & NEW EARSWICK
GARTH ROAD	OUTSIDE LIBRARY ON PCC FLAGS	HUNT & NEW EARSWICK
HAWTHORN TERRACE	OUTSIDE NEW EARSWICK LIBRARY BY BOLLARDS	HUNT & NEW EARSWICK
HAXBY ROAD	ENT TO JOSEPH ROWNTREE SCHOOL	HUNT & NEW EARSWICK
HAXBY ROAD	ENT TO NEW EARSWICK SCHOOL	HUNT & NEW EARSWICK
HUNTINGTON ROAD	OS HUNTINGTON SCHOOL	HUNT & NEW EARSWICK
NORTH MOOR ROAD	IN PRIMARY SCHOOL GROUNDS	HUNT & NEW EARSWICK
WHENBY GROVE	NEAR ENTRANCE TO SCHOOL	HUNT & NEW EARSWICK
YEARSLEY GROVE	JCN HUNTINGTON ROAD ON GRASS VERGE	HUNT & NEW EARSWICK
BEWLAY STREET	OPPOSITE 18B	MICKLEGATE
BISHOPGATE STREET	OUTSIDE NO. 1 AGAINST WHITE RAILINGS	MICKLEGATE
BISHOPTHORPE ROAD	IN CAR PARK OPP ADJ 37 BISH RD	MICKLEGATE
BUCKINGHAM STREET	SIDE OF 10	MICKLEGATE
CLEMENTHORPE	NEXT TO THE SUBSTATION	MICKLEGATE
CLEMENTHORPE	JCN TERRY AVENUE, OUTSIDE 1	MICKLEGATE
CUSTANCE WALK	OPP NO 10	MICKLEGATE
FENWICK STREET	OPPOSITE NO.51 NEXT TO THE DOG BIN	MICKLEGATE
FENWICK STREET	IN BETWEEN NUMBERS 4 AND 10	MICKLEGATE
LOWER EBOR STREET	OPPOSITE HEALTH CENTRE	MICKLEGATE



<b>STREET</b>	<b>LOCATION</b>	<b>WARD</b>
NORFOLK STREET	ON FOOTWAY AGAINST WALL OPP NO. 4	MICKLEGATE
NUNTHORPE AVENUE	AT ENT SCHOOL AGAINST IRON FENCE	MICKLEGATE
OVINGTON TERRACE	ADJ SCHOOL GATES NEXT TO LITTER BIN	MICKLEGATE
OVINGTON TERRACE	OPP 14/16	MICKLEGATE
RICHARDSON STREET	OUTSIDE NUMBERS 17	MICKLEGATE
SCARCROFT GREEN	NEAR SCARCROFT PRIMARY SCHOOL	MICKLEGATE
SCARCROFT HILL	JCN WENTWORTH ROAD	MICKLEGATE
ST BENEDICTS ROAD	OUTSIDE BARSTOW HOUSE	MICKLEGATE
ST CLEMENTS GROVE	FOOTWAY AGAINST WALL BET NOS. 9 & 11	MICKLEGATE
ST GEORGES PLACE	OUTSIDE BRACKENHILL AGAINST WALL BY BENCH SEAT	MICKLEGATE
SWANN STREET	JUNCTION NUNNERY LANE	MICKLEGATE
TECK STREET	OPPOSITE NUMBER 6	MICKLEGATE
BROUGHTON WAY	NEAR 29	OSBALDWICK
HAMBLETON AVENUE	GRASSED AREA IN SCHOOL GROUNDS	OSBALDWICK
MURTON WAY	AT THE JUNCTION WITH MURTON GARTH	OSBALDWICK
MURTON WAY	OUTSIDE PRIMARY SCHOOL	OSBALDWICK
OSBALDWICK LANE	AT ENTRANCE TO DERWENT SCHOOL	OSBALDWICK
BACK LANE	J/W MAIN STREET	RURAL WEST YORK
BRADLEY CRESCENT	ON GRASS VERGE NEAR NUMBER 1	RURAL WEST YORK
CHURCH CLOSE (ASK BRYAN)	OUTSIDE NUMBER 5	RURAL WEST YORK
EBOR WAY	JCN ALLERTON DRIVE BY NOTICE BOARD	RURAL WEST YORK
GARDENERS CLOSE	OPPOSITE NUMBER 25	RURAL WEST YORK
MAIN STREET (COPMANTHORPE)	ON GREEN OPPOSITE POST OFFICE	RURAL WEST YORK
MAIN STREET (HESSAY)	OUTSIDE NO 4 ON FLAGS IN VERGE	RURAL WEST YORK
MOOR LANE (COPMANTHORPE)	OUTSIDE CEMETERY	RURAL WEST YORK
RIVERSIDE WALK (NETH POPP)	OUTSIDE NUMBER 1	RURAL WEST YORK
SCHOOL LANE (ASK RICHARD)	INSIDE SCHOOL GROUNDS	RURAL WEST YORK
SPRINGFIELD ROAD	OPP 33	RURAL WEST YORK
SPRINGFIELD ROAD	JCN DIKELANDS CLOSE	RURAL WEST YORK
THE AVENUE	OPPOSITE NUMBERS 1	RURAL WEST YORK
WESTFIELD LANE	JCN WESTFIELD IN VERGE	RURAL WEST YORK
WETHERBY ROAD	OS PRIMARY SCHOOL	RURAL WEST YORK
BRANSHOLME DRIVE	OPP 17 EDGE OF SHRUBBED AREA ON WOOD CHIPS	SKELT RAWC & CLIF WO
BRECKSFIELDS	ON FLAGS AT ENTRANCE TO SCHOOL	SKELT RAWC & CLIF WO
EASTHOLME DRIVE	NEAR RAWCLIFFE INFANTS BEHIND SEAT	SKELT RAWC & CLIF WO
OAKDALE ROAD	AT THE JUNCTION WITH RIVELIN WAY	SKELT RAWC & CLIF WO
OAKDALE ROAD	OS LAKESIDE SCHOOL ON GRASS VERGE	SKELT RAWC & CLIF WO
RAWCLIFFE LANE	OS LIBRARY IN FRONT OF WHITE FENCE	SKELT RAWC & CLIF WO
REIGHTON DRIVE	JCN REIGHTON AVENUE NR LAMP COL 12	SKELT RAWC & CLIF WO
SURREY WAY	AT SIDE OF LAMP COLUMN NR NO 1	SKELT RAWC & CLIF WO
CHURCH LANE (STRENSALL)	JCN ST MARYS CLOSE	STRENSALL
DURLSTON DRIVE	NEAR FOOTBRIDGE	STRENSALL
HEATH RIDE	JCN WOBURN CLOSE	STRENSALL
KINGS MOOR ROAD	JCN CHAUMONT WAY/ OS 9	STRENSALL
LANGSTON COURT	OS NUMBER 9	STRENSALL
MIDDLECROFT DRIVE	NEAR FOOTBRIDGE	STRENSALL
MOOR LANE J/W FLAXTON ROAD	AS PLAN	STRENSALL
SOUTHFIELDS ROAD	OS HEALTH CENTRE AT RIGHT SIDE OF ENT	STRENSALL
STONE RIGGS (SOTF)	AT THE SIDE OF NUMBER 41	STRENSALL
THE VILLAGE (SOTF)	ENTRANCE TO SCHOOL	STRENSALL
THE VILLAGE (STRENSALL)	OUTSIDE LIBRARY ON FORECOURT	STRENSALL
WEST END	NEAR ROBERT WILKINSON SCHOOL	STRENSALL
ASKHAM CROFT	JCN WATERMAN COURT	WESTFIELD
ASKHAM GROVE	END OF CUL DE SAC	WESTFIELD
ASKHAM LANE	OUTSIDE NUMBERS 186 & 188	WESTFIELD
ASKHAM LANE	AT THE ENT WESTFIELD SCHOOL	WESTFIELD
BACHELOR HILL	NEAR NUMBER 12	WESTFIELD

<b>STREET</b>	<b>LOCATION</b>	<b>WARD</b>
BARKSTON AVENUE	OUTSIDE NUMBER 26	WESTFIELD
BEECHWOOD GLADE	OUTSIDE NUMBER 1	WESTFIELD
BRADLEY DRIVE	AT THE SIDE OF NUMBER 25	WESTFIELD
BRAMHAM ROAD	OUTSIDE SANDERSON COURT HOUSE	WESTFIELD
BRAMHAM ROAD	OS NUMBER 8	WESTFIELD
CHANCERY COURT	AT TOP OF CUL-DE-SAC BEFORE NO 1	WESTFIELD
CHAPELFIELDS ROAD	JCN WITH MARTSON AVENUE	WESTFIELD
CORNLANDS ROAD	OPPOSITE THE WHITE ROSE PUB	WESTFIELD
DANESFORT AVENUE	JCN MIDDLETON ROAD	WESTFIELD
DIJON AVENUE	ENTRANCE TO LOWFIELD SCHOOL	WESTFIELD
FIR HEATH CLOSE	OUTSIDE NUMBER 5	WESTFIELD
FOXWOOD LANE	JCN BEAGLE RIDGE DRIVE OS SHOPS	WESTFIELD
FOXWOOD LANE	AT THE JUNCTION WITH ASKHAM LANE	WESTFIELD
FRONT STREET	OUTSIDE VYNER HOUSE	WESTFIELD
FRONT STREET	OUTSIDE LIBRARY	WESTFIELD
GALE FARM COURT	OPPOSITE 23	WESTFIELD
GALE FARM COURT	IN CAR PARK OFF FRONT STREET	WESTFIELD
GRANGE LANE	OPPOSITE NUMBER 60	WESTFIELD
GROVE TERRACE	JCN FRONT STREET	WESTFIELD
HOWE STREET	JCN WITH SEVERUS STREET	WESTFIELD
KINGSTHORPE	OPPOSITE NUMBERS 29 & 31	WESTFIELD
LINET WAY	OPPOSITE NUMBERS 14 AND 16	WESTFIELD
OTTERWOOD LANE	AT JUNCTION OPPOSITE NO.S 29 / 31	WESTFIELD
PARKER AVENUE	JUNCTION WITH HOTHAM AVENUE	WESTFIELD
PHEASANT DRIVE	OPPOSITE NUMBER 14	WESTFIELD
STUART ROAD	NEAR ENTRANCE TO BIRCH COPSE	WESTFIELD
TENNENT ROAD	BETWEEN NUMBERS 56 & 61	WESTFIELD
VESPER DRIVE	OUTSIDE 22	WESTFIELD
WOODFORD PLACE	BETWEEN NUMBERS 4 AND 6	WESTFIELD
BROAD HIGHWAY	NEAR ENTRANCE TO SCHOOL	WHELDRAKE
DAUBY LANE	ENTRANCE TO ELVINGTON SCHOOL	WHELDRAKE
FORGE LANE	OPP 2 MAIN STREET	WHELDRAKE
FRONT STREET (NABURN)	OUTSIDE POST OFFICE	WHELDRAKE
MAIN STREET (ELV)	NEAR POST OFFICE	WHELDRAKE
MAIN STREET (WHELDRAKE)	OS POST OFFICE	WHELDRAKE
YORK ROAD	NEAR SCHOOL	WHELDRAKE



# CYCLE ROUTE TREATMENT

# ANNEX 12

REF	LINK LOCATION	Priority 1- High 2- Med 3- Low
1	Millfield Lane - Long Ridge Lane to Villa Court	2
2	Millfield Lane / Low Poppleton Lane to speed table	2
3	Low Poppleton Lane - speed table to Boroughbridge Rd	2
4	Beckfield Lane - Boroughbridge Road to Newlands Drive	2
5	Beckfield Lane - Newlands Drive to Lidgett Grove	2
6	Beckfield Lane - Lidgett Grove to Ouseburn Avenue	2
7	Beckfield Lane - Ouseburn Avenue to Almsford Road	2
8	Beckfield Lane - Almsford Road to Ostman Road	2
9	Boroughbridge Road - shops between Ouseburn Avenue and Shirley Avenue	3
10	Water End - Boroughbridge Road to rail bridge (north of road)	1
11	Water End - Landing Lane to Salisbury Road crossing (north of road)	1
12	Water End - Salisbury Road to end of ramp (north of road)	1
13	Water End - Ramp off flood bank to Clifton Green ramp	1
14	Water End - ramp off carriageway to Salisbury Road (south of road)	1
15	Water End - Salisbury Road to ramp near Poppleton Rd School (south of road)	1
16	Rawcliffe Ings - Outer Ring Road to start of copse	2
17	Rawcliffe Bar Park & Ride link to Rawcliffe Ings path	2
18	Rawcliffe Ings - copse section	3
19	Rawcliffe Ings - Copse to bridge over beck	2
20	Clifton Ings - Beck crossing to Clifton Bridge	2
21	Riverside path - Clifton Bridge to Marygate	2
22	Path from riverside along western edge of Marygate Car Park and through subway	2
23	Riverside path between Lendal Bridge and Jubilee Terrace	1
24	Post Office Lane	1
25	Marble Arch shared use subway and approaches at either end	3
26	Cinder Lane - NRM to Wilton Rise Footbridge	2
27	Minster Yard	1
28	Bridge Lane - Wigginton Road to Footbridge	1
29	Shipton Road / ORR subway northern approach	2
30	Shipton Road / ORR subway southern approach	2
31	Manor Lane to Hurricane Way link path	2
32	Clifton Moorgate - northern path - Tesco roundabout to Kettlestring Lane	2
33	Clifton Moorgate - northern path - Kettlestring Lane to end of path nr Water Lane	2
34	Clifton Moorgate - southern path - Lakeside School to Oakdale Road East	2
35	Clifton Moorgate - southern path - Oakdale Road East to BMW road	2
36	Clifton Moorgate - southern path - BMW road into Water Lane	2
37	Clifton Moorgate - southern path - Tribune Way into Water Lane to start of off-road path	2
38	Clifton Moorgate - southern path - Tribune Way to Centurion Way	2
39	Clifton Moorgate - southern path - Centurion Way to Wigginton Road including path around Bumper Castle	2
40	Clifton Moor link road to Wigginton Road roundabout	2
41	Water Lane between Tribune Way link and Hazelnut Grove	2
42	Clifton Backies between Woodland Chase and Sutton Way	2
43	Haxby Road / A1237 underpass - western side	3
44	Haxby Road / A1237 underpass - eastern side	3
45	New Earswick to Nestle North Freight Access	1
46	Wigginton Road - Nestle North Freight Access to South Access	1

# CYCLE ROUTE TREATMENT

# ANNEX 12

REF	LINK LOCATION	Priority 1- High 2- Med 3- Low
47	New Lane to Monks Cross Park & Ride site	2
48	Foss Islands Path - Crichton Ave to Hallfield Road	1
49	Foss Islands Path - Hallfield Road to Metcalf Lane Osbaldwick	1
50	James Street Link - Morrisons side full length of shared use	1
51	James Street Link - Layerthorpe to Hallfield Road	1
52	James Street Link - Hallfield Road to Hazel Court	1
53	Heworth Green - shared use path from new junction to Monkgate Roundabout	2
54	Monkgate - shared use path roundabout west of roundabout	2
55	Cross Street, Acomb	2
56	Lomond Ginnel - Moor Lane to Lowick	2
57	Bellwood Drive shared use path	2
58	Ashbourne Way to Bellhouse Way	2
59	Bellhouse Way - Bellwood Drive to Acorn Rugby Club field	2
60	Acorn Rugby Club - path along western edge to Foxwood Lane	2
61	Foxwood Lane to Chesney Fields	2
62	Acorn Rugby Club - path around southern and eastern edge to Kingsway West crossing	2
63	Hob Moor - Kingsway West to ECML Subway	1
64	Hob Moor - Link to Green Lane past Hob Moor School	1
65	Hob Moor - Link to Hob Moor Drive	1
66	Little Hob Moor - ECML subway to Tadcaster Road	1
67	Tadcaster Road - Toucan to Knavesmire Road crossing (Knavesmire side of road)	1
68	Little Knavesmire	1
69	Tadcaster Road - ECML bridge to Askham Bar P&R	2
70	Askham Bar access to Moor Lane	2
71	Moor Lane to Tadcaster Road	2
72	Tadcaster Road to former York College access (north of rdbt)	2
73	Former York College access to Tadcaster Road (south of rdbt)	2
74	Path around periphery of new York College site and into Sim Balk Lane to changing rooms	2
75	Green Lane - changing rooms to racetrack	1
76	Green Lane - section between two racetracks	1
77	Racecourse path - Green Lane to bottom of slope where anti-skid starts	1
78	Racecourse - right angled bend to Bishopthorpe Road	1
79	Bishopthorpe Road - opposite former Terrys site	1
80	Terry Avenue - ramp from Bishopthorpe Road to Skeldergate	1
81	Millennium Bridge - curved approach paths on western bank	1
82	Millennium Bridge - Butcher Terrace to Maple Grove	1
83	Millennium Bridge - curved ramp towards New Walk	1
84	Scarcroft Green	2
85	Link between Nunnery Lane and Prices Lane	3
86	The Mount - off road path from Scarcroft Road to Albemarle Road	2
87	Mount Vale - off road path from Albemarle Road to the point where it rejoins road	2
88	New Walk - Tower Street to Blue Bridge	1
89	New Walk - Blue Bridge to St Oswalds Road	1
90	Fulford Ings - Broadway West link	1

# CYCLE ROUTE TREATMENT

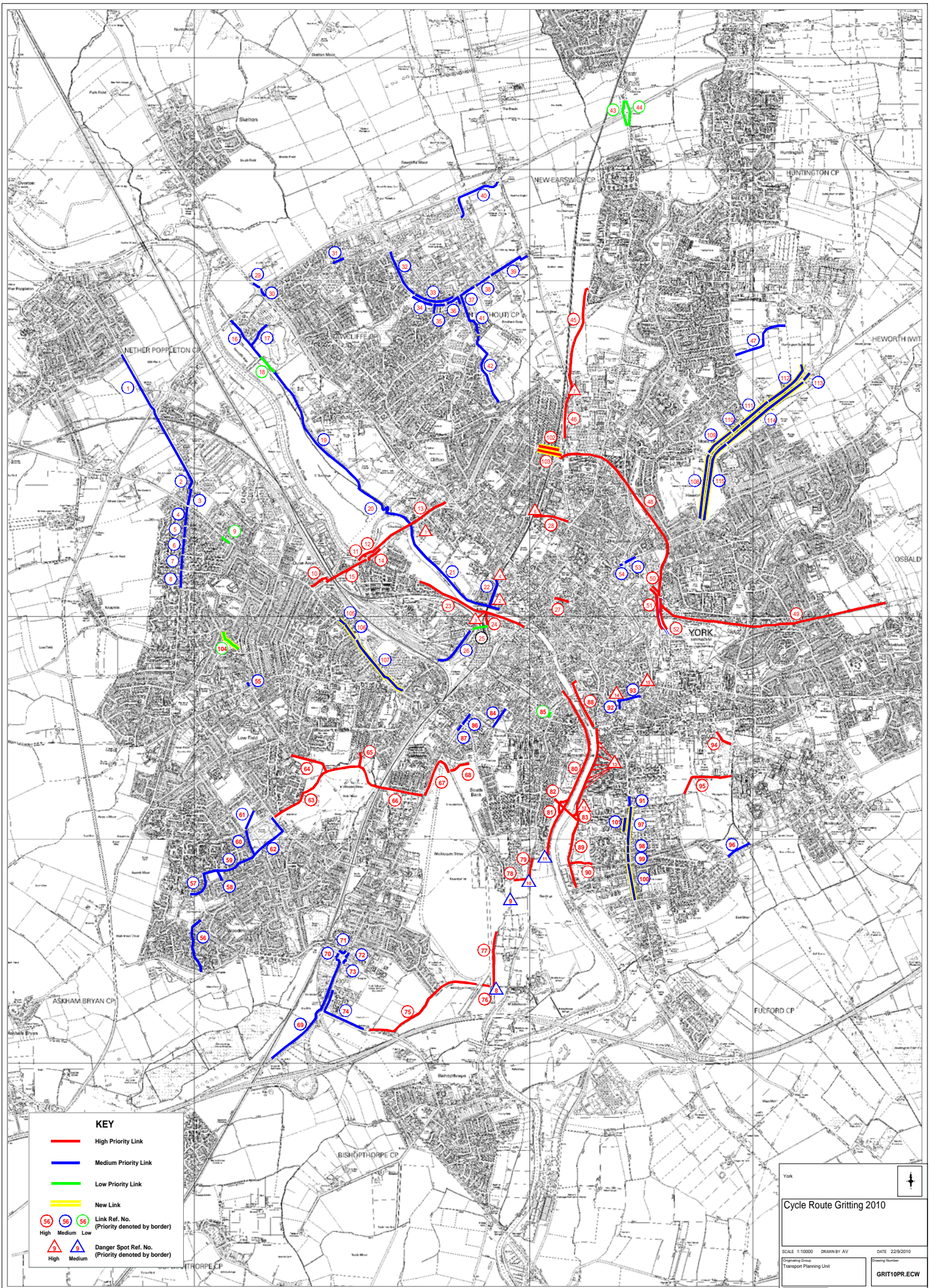
# ANNEX 12

REF	LINK LOCATION	Priority 1- High 2- Med 3- Low
91	Fulford Road - off road path between Police Station and Hospital Fields Road junction	2
92	Barbican path - Kent Street to Paragon Street	2
93	Barbican path - Barbican Road to Fishergate Bar	2
94	Retreat Lane	1
95	Walmgate Stray - Barracks to University	1
96	Walmgate Stray - path parallel with Heslington Lane	2
97	Fulford Road - off road path between Hosp Field Rd and Moorland Road	2
98	Fulford Road - off road path between Moorland Road and Derwent Road	2
99	Fulford Road - off road path between Derwent Road and Broadway	2
100	Fulford Road - off road path between Broadway and Heslington Lane	2
101	Fulford Road - off road path between Fulford Cross and Maple Grove	2
102	Crichton Avenue - northern side	1
103	Crichton Avenue - southern side	1
104	Danebury Drive to Woodlea Avenue	3
105	Poppleton Road off road path from Ash St to Renshaw Grdns	2
106	Poppleton Road off road path from Renshaw Grdns to Holgate Park Dr	2
107	Poppleton Road off road path from Holgate Park Dr to Wilton Rise	2
108	Malton Road (Huntington Side) - Heworth Green rdbt to Muncastergate	2
109	Malton Road (Huntington Side) - Muncastergate to Elmfield Avenue	2
110	Malton Road (Huntington Side) - Elmfield Avenue to Laburnum Garth	2
111	Malton Road (Huntington Side) - Laburnum Garth to New Lane	2
112	Malton Road (Huntington Side) - New Lane to Monks Cross Rdbt	2
113	Malton Road (Heworth Side) - Monks Cross Rdbt to end access road	2
114	Malton Road (Heworth Side) - Monks Cross Rdbt access road to Straylands Grove	2
115	Malton Road (Heworth Side) - Straylands Grove to Heworth Green Rdbt	2

# CYCLE ROUTE TREATMENT

# ANNEX 12

REF	SPECIFIC DANGER POINT LOCATION(S)	Priority 1- High 2- Med 3- Low
1	Clifton Bridge - ramp down from Government House Road	1
2	Scarborough Bridge - steps on Marygate side	1
3	Scarborough Bridge - steps on Post Office side	1
4	St Marys - steps down towards Marygate car park	1
6	Bridge Lane footbridge steps - both sides	1
7	Splitter Island on Nestle Northern Freight Access - Wigginton Road	1
8	Barrier - Knavesmire / Green Lane junction	2
9	Barrier - Knavesmire / Bustardthorpe Junction	2
10	Barrier - Bishopthorpe Road / Knavesmire junction	2
11	Barrier - Terry Avenue / Ramped path junction	2
12	Barrier - Hospital Fields Road / New Walk junction	1
13	Steps onto New Walk at Sandringham Street, New Walk Terrace, Grange Garth, Hartoft Street, Farndale Street, Alma Terrace, Frances Street, Ambrose Street	1
14	Fishergate Bar	1
15	Walmgate Bar	1



**KEY**

- High Priority Link
- Medium Priority Link
- Low Priority Link
- New Link
- 55 56 56  
Link Ref. No. (Priority denoted by border)
- 55 High 56 Medium 56 Low
- 55 56  
Danger Spot Ref. No. (Priority denoted by border)
- 55 High 56 Medium

York

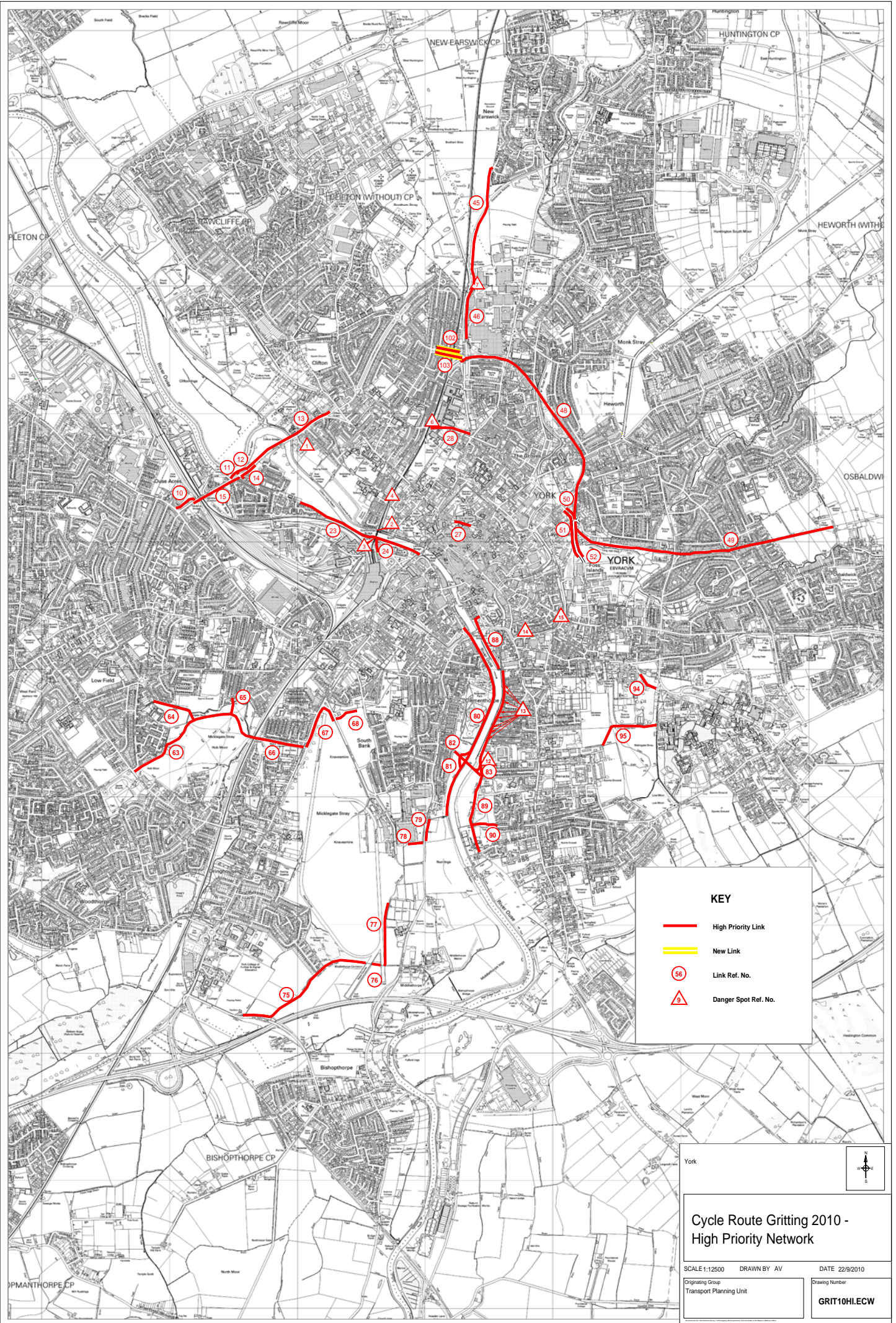
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Cycle Route Gritting 2010





SCALE 1:10000 DRAWN BY AV DATE 22/9/2010

Originating Group: Transport Planning Unit Drawing Number: GRIT10PR.ECW






**KEY**

-  High Priority Link
-  New Link
-  Link Ref. No.
-  Danger Spot Ref. No.

York

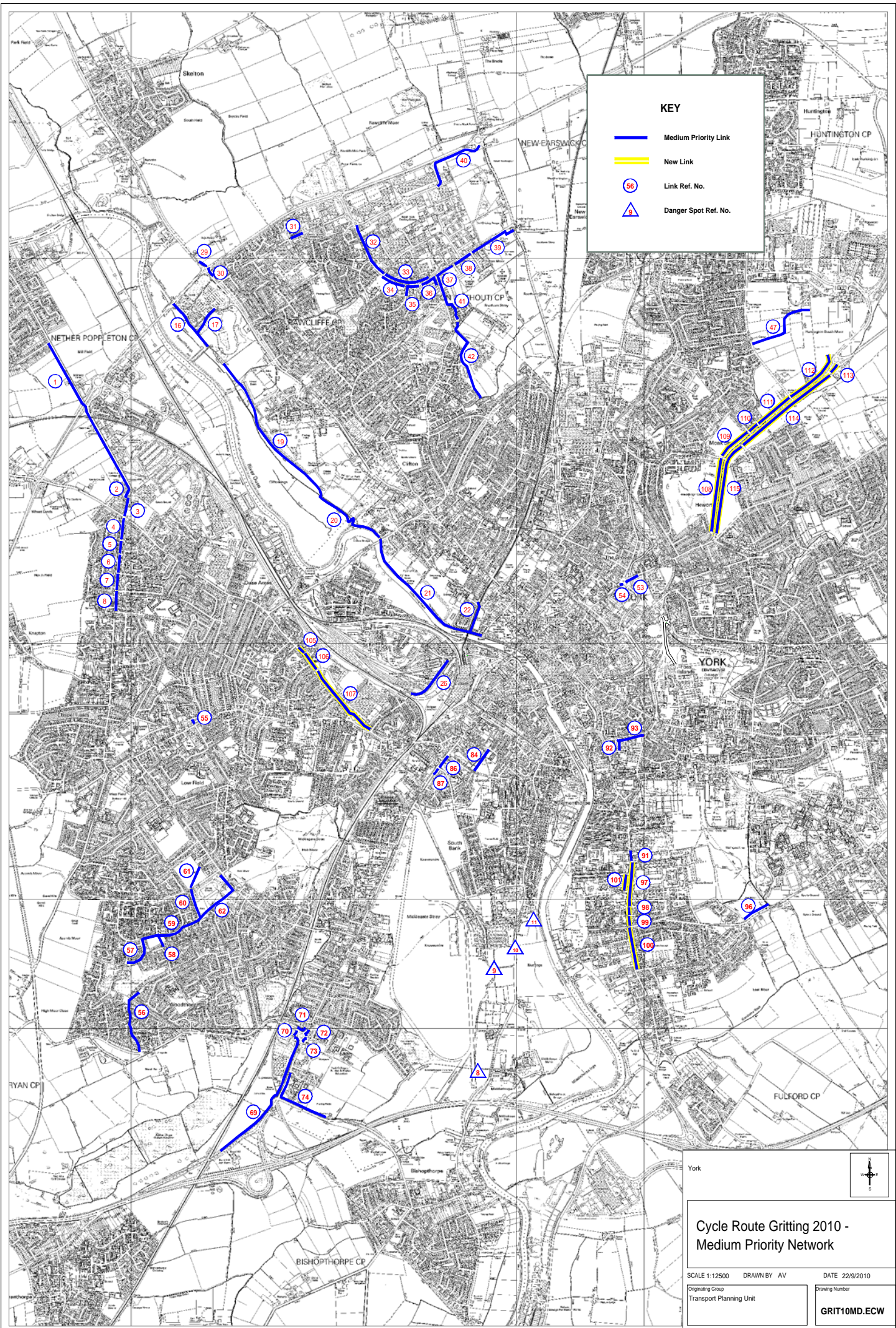


**Cycle Route Gritting 2010 - High Priority Network**

SCALE 1:12500 DRAWN BY AV DATE 22/9/2010

Digitising Group  
Transport Planning Unit


Drawing Number  
**GRIT10HLECW**



**KEY**

- Medium Priority Link
- New Link
- 96 Link Ref. No.
- 9 Danger Spot Ref. No.

York

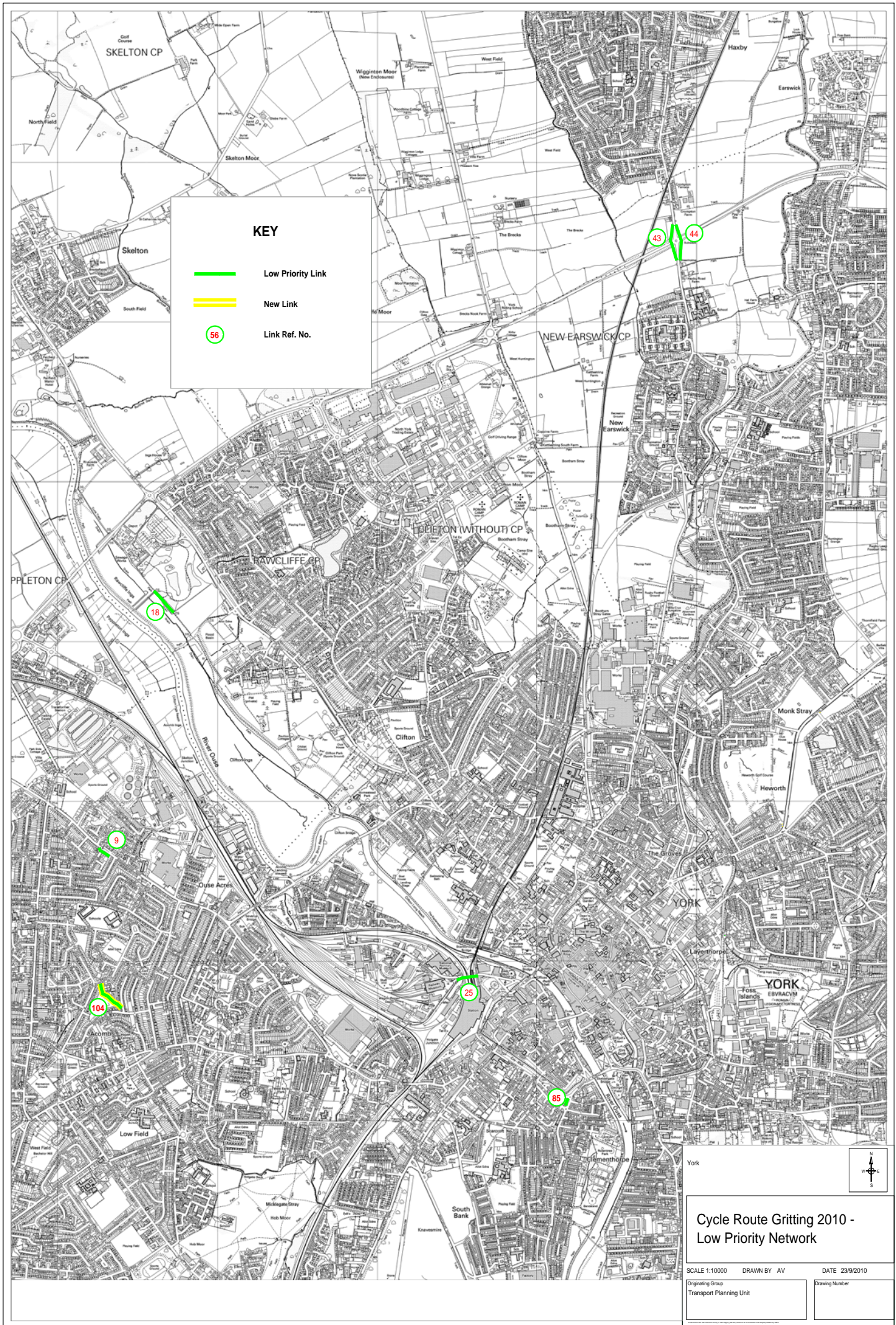


**Cycle Route Gritting 2010 -  
Medium Priority Network**

SCALE 1:12500    DRAWN BY AV    DATE 22/9/2010

Originating Group  
Transport Planning Unit

Drawing Number  
**GRIT10MD.ECW**



**KEY**

- Low Priority Link
- New Link
- 56 Link Ref. No.



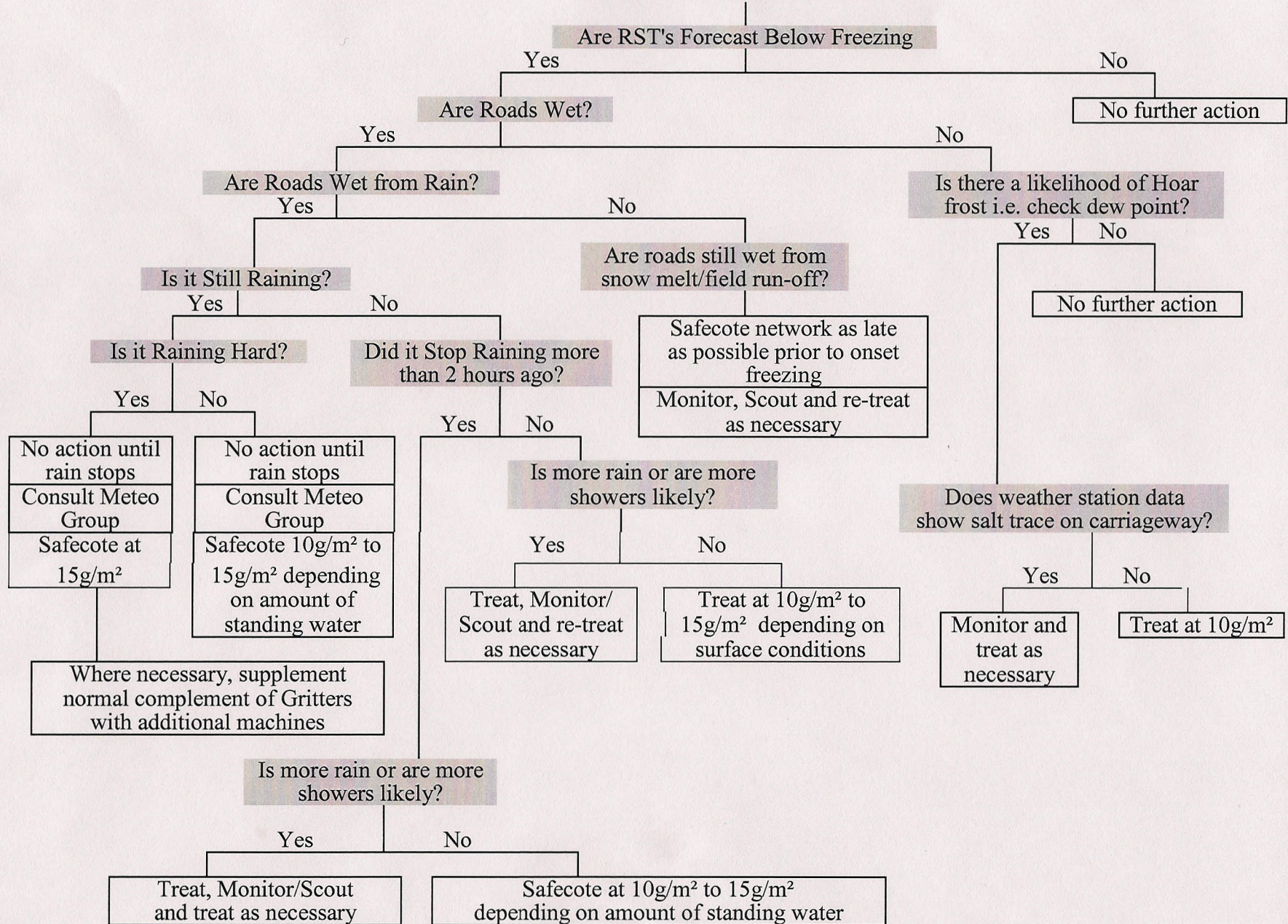
**Cycle Route Gritting 2010 -  
Low Priority Network**

SCALE 1:10000 DRAWN BY AV DATE 23/9/2010

Originating Group  
Transport Planning Unit

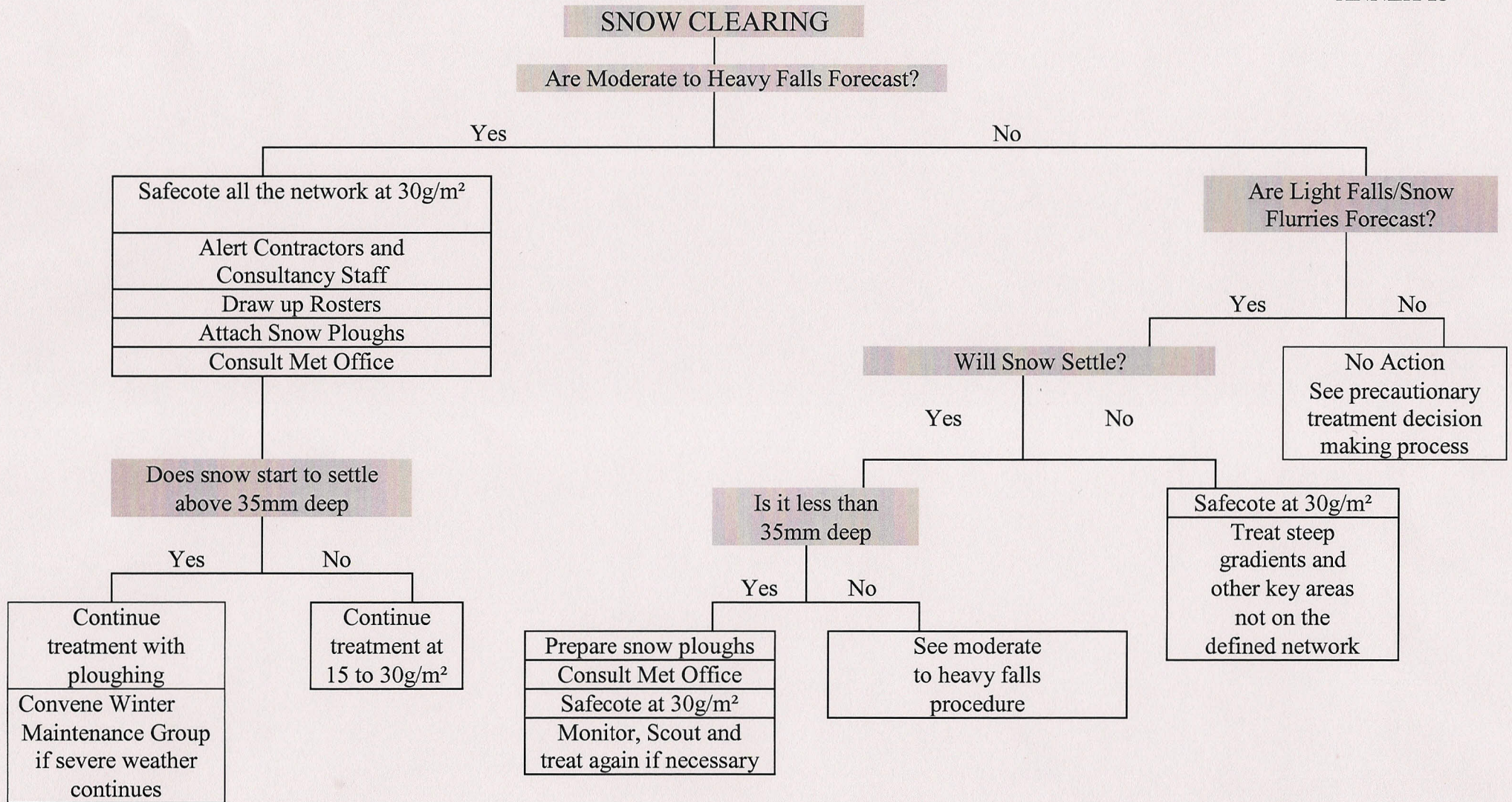
Drawing Number

**PRECAUTIONARY SALTING**



# WINTER MAINTENANCE - DECISION MAKING PROCESS - SNOW CLEARING

ANNEX 13

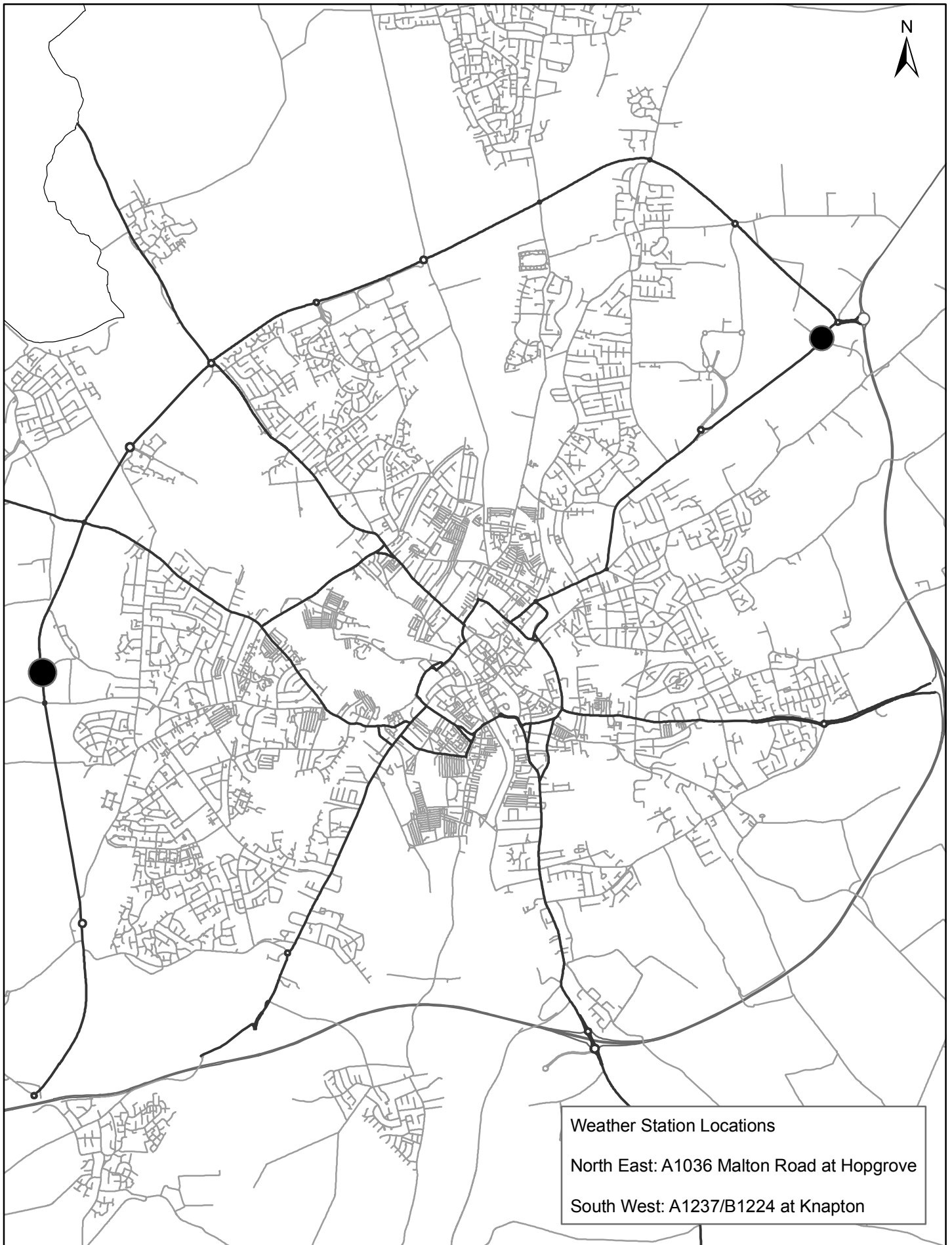


**ANNEX 14**

**WINTER MAINTENANCE GROUP CONTACT DETAILS**

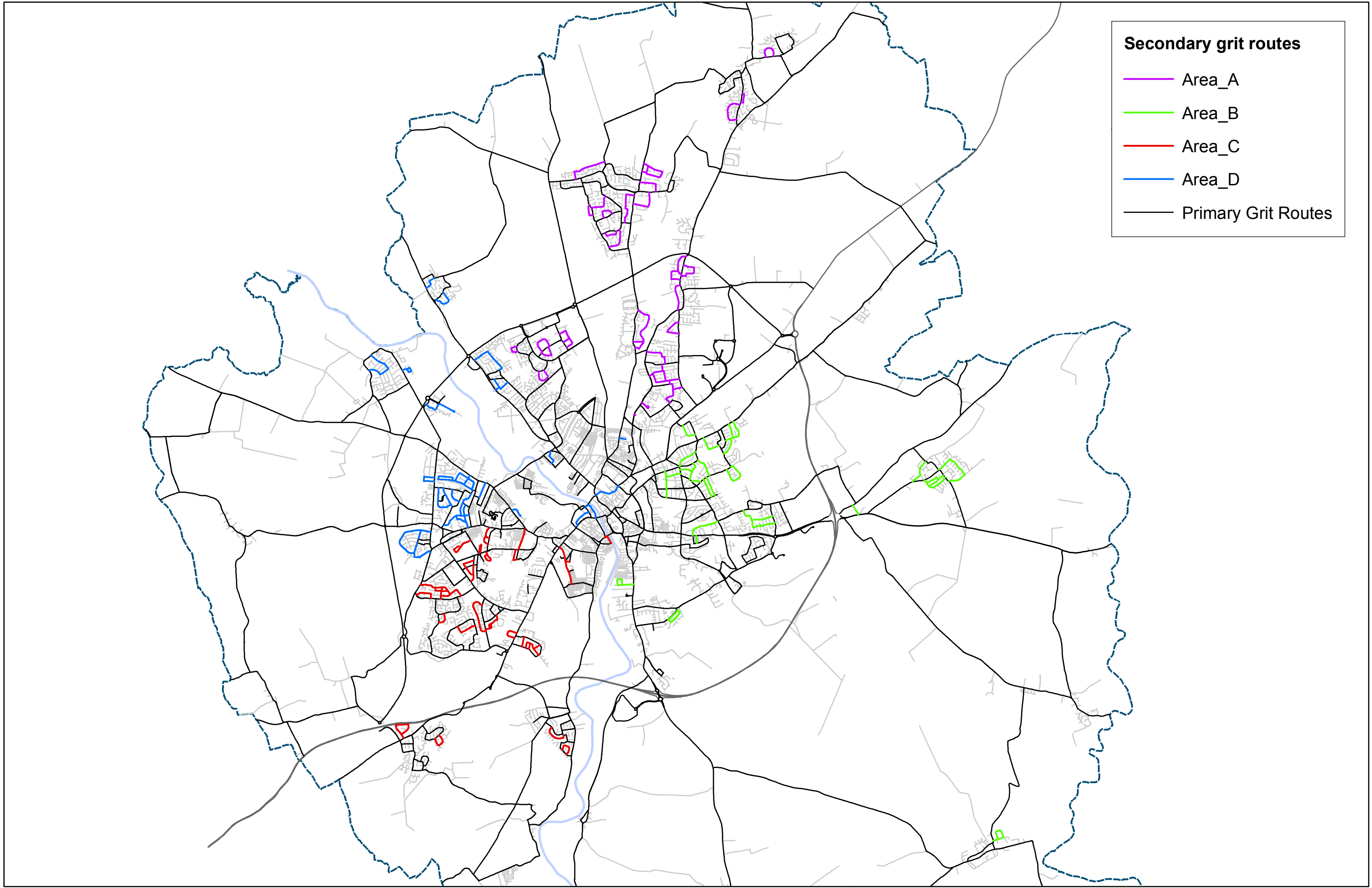
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**Secondary grit routes**

- Area\_A
- Area\_B
- Area\_C
- Area\_D
- Primary Grit Routes

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	<b>Secondary grit routes</b>			
	Drawn by BJH	Date Oct 2010	Scale 1:70,000	

Abbots Gait	Doriam Drive
Albemarle Road	Dringthorpe Road
Allerton Drive	Duncombe Place
Almsford Drive	East Way
Almsford Road	Ebor Way
Amy Johnson Way	Ebsay Drive
Anthea Drive	Esk Drive
Ascot Road	Eskdale Avenue
Ashley Park Crescent	Falconer Street
Atlas Road	Farmers Way
Auster Road	Farndale Avenue
Avon Drive	Forestgate
Bad Bargain Lane	Galtres Avenue
Bar Lane	Galtres Road
Barley Rise	Geldof Road
Barley View	George Caley Drive
Baysdale Avenue	Givendale Grove
Beagle Ridge Drive	Goodramgate
Beech Avenue	Grange Lane
Beech Grove	Granger Avenue
Bellfarm Avenue	Grayshon Drive
Bellwood Drive	Great North Way
Boothwood Road	Greencliffe Drive
Bore Tree Balk	Greencroft Lane
Bramham Road	Greenside
Bransholme Drive	Hambleton Avenue
Briergate	Hambleton Way
Broadstone Way	Heath Moor Drive
Broome Close	Heather Bank
Bull Lane	Hempland Avenue
Burnholme Drive	Hempland Lane
Burtree Avenue	Heslington Lane
Calder Avenue	Heworth Hall Drive
Calf Close	Highmoor Road
Campbell Avenue	Highthorn Road
Cedar Glade	Hob Moor Drive
Chapelfields Road	Hobgate
Chestnut Grove	Holgate Park Drive
Church Lane	Horsfield Way
Cleveland Way	Hospital Fields Road
College Road	Howard Drive
Connaught Way	Hunters Wood Way
Courtneys	Huntsman's Walk
Cranbrook Avenue	Intake Lane
Cranbrook Road	James Nicolson Link
Curlew Glebe	Jute Road
Dales Lane	Keble Park Crescent
Deangate	Kestrel Wood Way
Dijon Avenue	Kingsclere
Dikelands Lane	Kingsthorpe
Don Avenue	Kir Crescent

Kirkcroft	Swarthdale
Kirklands	Tanner Row
Kyle Way	Tanner's Moat
Lang Road	Tedder Road
Lawson Road	Telford Terrace
Leven Road	Terry Avenue
Linden Close	The Croft
Longwood Link	The Green
Loweswater Road	The Horseshoe
Lyndale Avenue	The Leyes
Main Avenue	The Old Village
Mallard Way	The Ruddings
Malvern Avenue	The Village
Manor Garth	Toft Green
Manor Lane	Tostig Avenue
Manor Park Road	Trent Avenue
Maythorn Road	Ullswater
Meadlands	Usher Park Road
Melwood Grove	Victoria Way
Middlethorpe Drive	Viking Road
Middleton Road	Wain's Road
Millfield Gardens	Walney Road
Millfield Lane	Waterman Court From Junc To End
Minster Yard	Wellington Row
North Street	Westholme Drive
Northfields	Westlands Grove
Old Orchard	Whenby Grove
Otterwood Lane	Whernside
Owlwood Lane	Whernside Avenue
Patterdale Drive	Whin Road
Pear Tree Lane	Whitby Avenue
Penyghent Avenue	Whitecross Road
Petercroft Lane	Whitelands Cottages
Pike Hills Mount	Whitestone Drive
Poplar Grove	Willow Bank
Queenswood Grove	Windmill Way
Riversvale Drive	Windsor Drive
Rosedale Avenue	Woodlands Avenue
Salmond Road	Woodlea Avenue
Seafire Close	Yearsley Bridge (ambulance station entrance)
Siward Street	
Sixth Avenue	
Skewsby Grove	
Slessor Road	
South Lane	
Springfield Way	
St Giles Road	
St Nicholas Road	
Station Avenue	
Stuart Road	
Summerfield Road	

Temporary salt bags will be placed in the following locations when instructed by the Winter Maintenance Group:

LOCATIONS WILL BE CONFIRMED WHEN CONSULTATION WITH WARD  
COMMITTEES IS COMPLETE

ACCRETION	The build-up of snow on objects such as overhead cables, road signs and tree branches. It occurs when wet snow, with temperatures close to freezing, is accompanied by a strong wind. The wet snow freezes on to objects under pressure of the wind. The build up of snow can be quite large, and can cause damage to cables and trees.
AIR FROST	This occurs when air temperatures (measured between 1 and 2 metres above ground) fall below 0°C.
BLACK ICE	Clear ice forms on roads due to the freezing of standing water. Occasionally it may be formed by the transformation of hoar frost, under pressure from car tyres. The name black ice is used, as the road blacktop can be seen through the clear ice. The term is much beloved by the media, but is used less frequently in road weather forecasts.
BLUSTERY	Used to describe showers which are accompanied by strong gusts of wind.
CLIMATIC DOMAIN	An area of a county with broadly similar climatic characteristics, e.g. an urban area, or a high-level area, or a coastal area (see FORECAST SITE).
CONDENSATION	This is the change of state of water vapour to liquid water, thus forming a thin film or mist of water on surfaces such as roads. During the process, heat is released (see DEW POINT).
CONFIDENCE FACTOR	Used by weather forecast organisations to give guidance to highway engineers on the likelihood of forecasts having to be subsequently amended. Confidence HIGH means that amends are unlikely, and confidence LOW that amends are likely. Some use is made of MEDIUM confidence, although usage is discouraged as it can be confusing.
DAMPED	This is the thermal map type that occurs on cloudy, windy nights. Temperature differences along a stretch of road are at a minimum (see THERMAL MAP).
DEPOSITION	This term covers the change of state from water vapour to ice without going through the liquid water stage (see HOAR FROST).
DEW	Liquid water formed on a surface by condensation from the atmosphere.
DEW POINT	The temperature to which a sample of air must be cooled for condensation to take place. Dew point can be measured directly by instrumentation, e.g. road sensors.
DRIFTING	The movement of snow (usually powder snow) under the influence of wind. Snow need not be actually falling for drifting to take place.
DRIZZLE	Small droplets which fall from low cloud. Drizzle can last for several hours and cover a large area, or be intermittent and localised.
DRY ADIABATIC LAPSE RATE	The temperature fall with height within a sample of air before it becomes saturated. The rate of fall is 0.98°C per 100 metres (around 3°C per 1,000 feet).

DRY FROST	The road surface is at 0°C or below, with most roads expected to be dry. However, ice may form due to seepage, burst pipes or in known hollows where moisture persists.
EVAPORATION	The change of state from water to water vapour. The process takes in heat and causes cooling (see LATENT HEAT ).
EXTREME	The thermal map type that occurs on calm, clear nights. Temperature differences along a stretch of road tend to be at their maximum (see THERMAL MAP ).
FLASH FROST	The rapid build up of hoar frost on roads around sunrise. Roads can change from dry to a significant cover of hoar frost within 15 minutes (see HOAR FROST ).
FOG	The suspension of water droplets in air at or close to the ground.
FORECAST SITE	A road sensor site for which a graphical forecast is provided. It is usual to have one forecast site per climatic domain (see CLIMATIC DOMAIN )..
FREEZING FOG	Fog which forms when air temperatures are below freezing. The fog droplets remain in the liquid state, but will freeze on contact with trees and other objects, and under some circumstances the road surface (see RIME ).
FREEZING POINT	The temperature at which pure water will change to ice (although strictly it is the temperature at which ice melts ), in practice, 0.0°C.
FREEZING RAIN / DRIZZLE	A very dangerous condition where raindrops (from warmer air aloft) fall on to surfaces below freezing, thus freezing instantly and causing widespread ice. Fortunately, rare in the UK. Most likely to occur at the end of a prolonged spell of cold weather.
FREQUENT	Used in conjunction with showers. The term frequent showers implies that nearly all areas will catch a shower, and many places will see more than one shower ( see ISOLATED and SCATTERED ).
FROST	A generic term to cover temperatures below freezing. Where these temperatures occur describes the type of frost (air frost, ground frost, road frost, etc. ). The rather loose term of 'frost' is rarely used in road weather forecasts without qualifying it. Note that the word frost does not supply deposition on a road surface. The deposition of ice crystals on to a road surface is known specifically as hoar frost (see HOAR FROST).
GALE	Mean wind speed of 39 m.p.h. or more, or with gusts to 49 m.p.h. or more. A severe gale has a mean wind of 45 m.p.h. or more, or has gusts to 70 m.p.h. or more.
GROUND FROST	This term is used to describe occasions when temperatures on the ground (as opposed to in the air ) fall below freezing. The official meteorological definition uses the temperature over short mown grass. The term has little relevance to winter maintenance, which is concerned specifically with road temperatures. The term 'ground frost' heard on media forecasts (TV, radio) does not guarantee that there will also be a road frost.

HAIL	Precipitation in the form of balls or pieces of ice. Usually occurs in showers.
HOAR FROST	Deposition of water vapour directly as ice on to ground surfaces. The ice forms as white crystals and is usually highly visible. Hoar frost is more common over grass than on roads. Hoar frost on roads may quickly change to clear ice under pressure from car tyres.
ICE	A generic term for frozen water. In winter maintenance terms usually refers to clear ice on road surfaces (see BLACK ICE ).
ICY PATCHES	Used in road weather forecasts to indicate ice formation in prone areas only (gutters, dips in the road surface, etc. ).
ICY STRETCHES	Used in road weather forecasts to indicate more-widespread ice.
ISOLATED	Used in conjunction with showers. Isolated showers implies that most places will stay dry, but somewhere within the area of coverage a shower may occur (see FREQUENT and SCATTERED )
INTERMEDIATE	The thermal map type that occurs on nights where cloud cover, wind speed (or both) is variable. Road temperature differences tend to lie between the Damped and Extreme values (see THERMAL MAP).
INTERVAL	Used to describe cloud breaks or amounts of sunshine, generally of less than one hours duration.
LATENT HEAT	The quantity of heat absorbed or emitted, without change of temperature, during a change of state of unit mass of a material.
MARGINAL	This describes nights where the road temperature is expected to be very close to freezing (normally within 1°C ).
PERIOD	Used to describe the length of cloud breaks or amounts of sunshine, generally of two hours or more duration.
POWDER SNOW	The form of snow that occurs when air temperatures are well below freezing (-2°C or less ). This form of snow is very fine (like sugar crystals ), drifts very easily, but does not tend to stick to objects (no accretion ). It can be handled by snow blowers. Salt is usually less effective.
PRECIPITATION	A general term which covers all water (or ice ) which 'falls' from the skies. As well as rain, sleet, snow and hail it also includes dew, hoar frost and fog.
PRECIPITATION TYPE	The individual type of precipitation. In winter maintenance activities this will be one of rain, drizzle, sleet, wet snow, hail, freezing rain and freezing drizzle (see PRECIPITATION ).
PROLONGED	Used to describe showers which merge together producing a spell of continuous precipitation, generally lasting more than one hour and covering a relatively large area.

RAIN	Water droplets which fall from clouds. Rain takes many forms, and can be of many different intensities and durations. Within road weather forecasts there will often be differentiation between rain and showers, the former usually referring to longer-lived but light intensity precipitation, and the latter to short duration but heavy intensity.
RELATIVE HUMIDITY	This is the amount of actual water vapour held in a sample of air at a given temperature, divided by the maximum amount of water that could be held in that sample of air at that temperature, expressed as a percentage. Within fog or heavy rain, humidities may reach 100%. On a sunny, warm afternoon in summer, humidities may fall to 30%. On an average night in winter, humidities rarely fall below 80% (which is the minimum humidity at which salt crystals will start to absorb water ).
RIME	Deposition of ice from freezing fog. It is a white form of ice, similar to hoar frost, but has a finer (at times feathery ) structure. On roads, tends to be more of a problem at higher levels than lower levels.
RST	Common abbreviation for road surface temperature.
SATURATED	Air is said to be saturated when, at a given temperature, it holds the maximum amount of water vapour possible. Any cooling below its current temperature will result in condensation. The relative humidity of saturated air is 100%.
SATURATED ADIABATIC LAPSE RATE	The rate at which air temperature falls with height within saturated air, e.g. within fog or cloud. It is less than the dry adiabatic lapse rate, 0.49°C per 100 metres or around 1.5°C per 1,000 feet.
SCATTERED	Used in conjunction with showers. Scattered showers imply that a wide covering of showers across an area is expected. Most places will see a shower but one or two locations may stay dry (see FREQUENT and ISOLATED ).
SEEPAGE	Leakage of ground water from roadside verges. Can cause roads to become wet, when otherwise they would have stayed dry, possibly leading to ice formation later.
SHOWER	A short spell of precipitation, generally less than an hour, and covering a relatively small area. It can be assumed that a shower will be of rain unless qualified by the words snow, hail or wintry.
SLEET	Partially melted snow. If precipitation becomes heavy, sleet may readily turn to snow.
SNOW	A form of precipitation where tiny ice crystals bond together into flakes. Snow can be either of the Wet or Powder forms.
SPELL	Used to describe the length of cloud breaks or amounts of sunshine, generally between one and two hours duration.



THERMAL FINGERPRINT	The temperature trace along a road surface (usually recorded by an infrared thermometer during a thermal mapping run ). Regardless of the mean temperature of the trace, it shows the thermal characteristics of the road surface(warm and cold spots ).
THERMAL MAP	The representation of relative variations in road surface minimum temperature for each of the three weather categories, presented in colour bands (usually of 1°C ).
THERMAL MAP TYPE	Defined as damped, intermediate or extreme (see previous entries). When using thermal maps in the forecast mode, the weather forecast organisations will send the thermal map type with the ice prediction graph.
TREND	The likely direction in which the weather is moving over the next two to five days, e.g. 'turning much colder with night frosts' or 'remaining mild and windy'.
WASH OFF	This occurs when rain is sufficiently heavy to remove salt solution from the road surface.
WATER VAPOUR	Water in its gaseous state.
WET SNOW	Snow which falls with air temperatures close to freezing point. It melts easily and can be very sticky (see ACCRETION ). It is more common in the UK than the other variant of powder snow.
WIDESPREAD	Used to describe showers. Implies that nearly all areas will see a shower and some areas may see more than one (see FREQUENT ).
WINTRY	This term covers precipitation which contains ice in one of its many variants (sleet, wet snow, hail ). The term is used extensively in media forecasts (e.g. 'wintry showers are expected, showers will turn wintry over hills' ). However, the term is ambiguous in road weather terms and hence any precipitation containing ice will be described more fully, with likely effects on the road.

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