

NORTH LINCOLNSHIRE COUNCIL

**HIGHWAYS AND PLANNING
CABINET MEMBER**

Review of the Winter Service within North Lincolnshire.

1. OBJECT AND KEY POINTS IN THIS REPORT

- 1.1 To review the precautionary salting routes within North Lincolnshire.
- 1.2 To update the Cabinet Member on the options for consideration contained in the information report Review Of The Winter Maintenance Season 2009/2010 that was discussed at previous Cabinet Member meeting in July 2010

2. BACKGROUND INFORMATION

- 2.1 During Summer 2010 a review of the precautionary salting routes within North Lincolnshire has been undertaken.
- 2.2 A number of additional requests for inclusion in precautionary salting routes have been received. These have been assessed against previously approved criteria as shown in Appendix 1.
- 2.3 The results of the assessments are shown in Appendix 2.
- 2.4 A previous report, for information on this subject was considered by Cabinet Members in July 2010, and the following options for consideration have now been explored.
 - Do we need to explore whether we need a strategic reserve stockpile establishing.
 - Do we need to source an alternate supplier.
 - Have we built in sufficient resilience within our stockpile management process.
 - Do we need to reduce the number of routes or reduce the salted lengths of each route.
 - Do we need to review our spread rates on a permanent basis.
 - Do we need to look at our provision of grit bin policy so as to limit their availability.
 - How are we going to deal with footways in so much as what we do and what we use as a treatment.

- Are we still compliant within the Code of Practice guidance document – “Well maintained Highways”.
- Should we continue to discuss mutual aid with relevant authorities.
- Should we continue to participate with the Salt Cell.

3. ISSUES FOR CONSIDERATION

3.1 Additional requests for inclusion on the precautionary salting routes have been assessed against the current criteria, the results of this are as shown in Appendix 2 and has resulted in proposed changes to the precautionary salting routes, which are shown in the following Appendices.

- Appendix 3

“ Roads to be added to the precautionary salting routes.”

- Appendix 4

“ Roads to be treated on the precautionary salting routes.”

3.2 Members will be aware that severe National salt shortages were experienced during the Winter Season 2009/2010, these were detailed in the Information Report of July 2010. One major outcome of this shortage was the reduction in routes that were treated. Details of the reduced treatment routes are shown in Appendix 5, we now seek approval to set this as the minimum standard.

3.3 This report is for the approval of precautionary salting routes and other aspects of the winter service including reduced salting routes during periods of salt shortages and footway salting during snow conditions. This details the following:

3.3.1 Approve roads to be added to the precautionary salting routes (Appendix 3)

3.3.2 Approve precautionary salting routes for Winter Season 2010/2011 (Appendix 4)

3.3.3 Approve a reduced network of precautionary salting routes during periods of salt shortages (Appendix 5)

3.3.4 Approve a list of footways to be treated during extreme weather conditions (Appendix 6)

3.3.5 Update members on the issues for consideration that were outlined in the Information Report of July 2010

3.3.6 The amended routes, if approved, will be advertised in “Direct “ as a formal pullout route map as in previous years.

- 3.4 Following The difficulties that were experienced in the Winter Season 2009/2010 the following issues have been considered
- 3.4.1 The option for a strategic reserve stockpile is still being discussed with suppliers and adjacent Highway Authorities
 - 3.4.2 Alternative suppliers have been found however these are non – UK based and the product is cost prohibitive
 - 3.4.3 Sufficient resilience levels have been built into our stock site management plans and follows the guidance that is given in recent Code of Practice.
 - 3.4.4 The option for reduced treatments during periods of salt shortages are shown in Appendix 5.
 - 3.4.5 Salt spread rates are determined using the appropriate National guidance
 - 3.4.6 The Policy for the provision of salt bins will also be subject to the proposed review of the Winter Service
 - 3.4.7 A proposed list of footways to be treated during extreme adverse weather conditions is shown in Appendix 6
 - 3.4.8 The Winter Service is compliant with the Code of Practice for Well Maintained Highways
 - 3.4.9 Mutual Aid continues to be a subject for discussion with adjacent authorities
 - 3.4.10 If the salt cell is established we will continue to participate and take advice as appropriate
- 3.5 An additional review will be undertaken to review the current Policy that covers route selection and the qualifying criteria. This will be redefined with a view to further cost savings owing to the National cuts in public spending. This review will take place prior to the Winter Season 2011/2012. Any further reductions in treated routes will be dependent upon the outcome of the full review of the Winter Service for future years. Full consultation with the appropriate stakeholders will take place as a part of this review and will be subject to future Cabinet Reports

4. RESOURCE IMPLICATIONS(FINANCIAL, STAFFING, PROPERTY, IT)

4.1 Financial

4.1.1. The alterations to the precautionary salting routes shown in the appendices to this report are minimal and can be financed from the Winter Service budget for 2010/2011

4.1.2. This is the first stage of the review of the Winter Service policy and the overall costs will not be known until completion of all review stages.

4.1.3. If the reduced salting route network is approved and implemented this will result in a pro rata reduction in operational costs for the duration of the reduced salting routes. This saving will be in the order of approximately £1900 per treatment but will increase our resilience with regard to salt stock levels. This will only be activated under conditions where salt stocks become scarce.

4.2 Staffing

4.2.1. There are no staffing implications.

5. OTHER IMPLICATIONS (STATUTORY, ENVIRONMENTAL, DIVERSITY, SECTION 17 – CRIME AND DISORDER, RISK AND OTHER

5.1 Statutory

5.1.1 The Highways Act 1980 states:-

a) 'The authority who are for the time being the highway authority for a highway maintainable at the public expense are under a duty, subject to subsections (2) and (3), to maintain the highway.

b) (1) In particular, a highway authority are under a duty to ensure, so far as is reasonably practicable, that safe passage along a highway is not endangered by snow or ice'.

5.2 Environmental and Other

5.2.1 The spreading of salt may have an adverse effect on adjacent vegetation.

5.2.2 Salt stockpiles must be managed in such a way as to not effect the local environment and watercourses.

5.2.3 Route optimisation is likely to result in a reduction in the amount of salt used. It will also reduce the route lengths and therefore vehicle emissions.

5.3 Integrated Impact Assessment

5.3.1 An assessment has been carried out and there are no other significant impacts above and beyond those detailed within the report that need to be considered.

6. OUTCOMES OF CONSULTATION

6.1 No consultation has taken place as the recommendations are based on criteria following an extensive consultation process in 2004. However full consultation will take place with all stakeholders during the full review of the Winter Service that will take place prior to Winter Season 2011/2012

7. RECOMMENDATIONS

- 7.1 Approve roads to be added to the precautionary salting routes (Appendix 3)
- 7.2 Approve precautionary salting routes for Winter Season 2010/2011 (Appendix 4)
- 7.3 Approve a reduced network of precautionary salting routes during periods of salt shortages (Appendix 5)
- 7.4 Approve a list of footways to be treated during extreme weather conditions (Appendix 6)
- 7.5 Note the update on the issues for consideration that were outlined in the Information Report of July 2010
- 7.6 Approve the advertisement of the precautionary salting routes in the "Direct magazine " as a formal pullout route map as in previous years, this will include the minimum standard network treatment during times of salt shortages.

SERVICE DIRECTOR HIGHWAYS AND PLANNING

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Date: 2 September 2010

WINTER SERVICE CRITERIA

What should we salt?

APPENDIX 1

Category in Priority Order	Potential risk to users
 Principal Roads	High
 Main Roads	High
 Emergency Services	High
 Bus Routes	High/Medium
 Route to Hospitals	High/Medium
 Bus routes adjacent to / serving school	High/Medium
 Selected Hills	Medium
 Approaches to Transport Interchanges	Medium
 Pedestrian Precincts	Medium
 Major Car Parks	Medium
 Main footways	Medium/Low
 Industrial Estates	Medium/Low
 Care Homes	Medium/Low
 Special Needs & Schools footways	Medium/Low
 Estate Roads	Low
 Cycleways	Low
 Minor footways	Low
 Tourist Attractions	Low

APPENDIX 2

LIST OF PRECAUTIONARY SALTING ROUTE REQUESTS 2010/2011

REQUEST	REQUESTED BY	RECOMMENDATION
Barton Upon Humber Cornhill Drive	Member of Public	Reject
Barton Upon Humber Meadow Drive	Member of Public	Reject
Barton Upon Humber Riverbank Rise	Member of Public	Reject
Crowle Fieldside	NLC	Approved
Ealand Main Street	NLC	Approved
Scunthorpe Bus Station	NLC	Approved
Garthorpe Shore Road	Member of Public	Reject
Scunthorpe Crowberry Drive	Member of Public	Reject
Kirton in Lindsey Gainsborough Road	Member of Public	Reject
West Halton Churchside/Short Lane	Member of Public	Reject
Epworth Fieldside	Member of Public	Reject

APPENDIX 3

ROADS TO BE ADDED TO THE PRECAUTIONARY SALTING ROUTES 2010/2011

PARISH	STREET NAME	REASON FOR INCLUSION
Crowle	Fieldside	Bus Route, Emergency Services, Bus route serving a school
Ealand	Main Street	Bus Route
Scunthorpe	Bus Station	Major Bus Infrastructure

APPENDIX 4

Detailed listing of precautionary salting routes for Winter Season 2010/2011

A18	Various	County Boundry	County Boundry
A1077	Various	Glanford Park	A160
A161	Various	County Boundry	County Boundry
A1029	Scunthorpe	A18	A1077
A15 NORTH	Various	Humber Bridge	Barnetby Top
A15 SOUTH	Various	M180 Junction 4	County Boundry
A160	Killingholme	Humber Road Roundabout	End
A1173	Killingholme	A160	County Boundry
A159	Various	A18	County Boundry
A1084	Brigg	A18	County Boundry
B1392	Various	A161	A18
B1396	Haxey	A161	County Boundry
B1450	Various	A18	B1501
B1216	Scunthorpe	A1077	C105
B1430	Various	A1077	A1077
B1400	Various	A159	B1398
B1398	Various	B1205	A18
B1206	Various	B1205	A18
B1206	Various	A18	New Holland
B1207	Various	B1206	A18
B1207	Various	C115	A1077
B1208	Various	A18	B1207
B1218	Various	A1077	B1206
B1501	Scunthorpe	A159	A18
B1402	Barrow	A1077	B1206
C203	Wroot	County Boundry	C202
C202	Wroot	C203	C205
C213	West Butterwick	West Butterwick	Althorpe
C202	Sandtoft	Sandtoft Fiveways	A18
C205	Epworth	C202	C204
C204	Various	Sandtoft Fiveways	C213
C201	Various	Sandtoft Fiveways	C213
C101	Various	B1392	C102
C48	Various	C101	County Boundry
C105	Flixborough	B1216	C157
C107	Thealby	B1430	B1430
C110	Various	B1430	Whitton
C109	Various	C110	C158
C158	Various	C110	C109
C113	Winteringham	A1077	A1077
C114	Winterton	B1207	A1077
C161	Santon	B1207	End
C221	Various	A1077	County Boundry
C227	Kirton	B1400	Scotter Village pond
C225	Various	B1398	B1206
C241	Scawby	B1207	C225
C115	Broughton	A18	B1207
C121	Barnetby	A18	County Boundry
C121	Elsham	B1206	Barnetby Top
C122	Barnetby	A18	C121
C138	Kirmington	A18	C137

C131	Various	B1206	County Boundry
C125	Various	B1206	C129
C129	Goxhill	C125	North End
C127	Goxhill	North End	C129
C124	Barrow Haven	B1402	B1206
C206	Graiselound	A161	B1396
C132	Killingholme	C131	C132
C133	Killingholme	C132	A160
C157	Flixborough	C105	B1430
Ferry Road West	Scunthorpe	A1077	Scotter Road
Ferry Road	Scunthorpe	Scotter Road	Old Crosby
Old Crosby	Scunthorpe	Ferry Road	Normanby Road
Warren Road	Scunthorpe	Normanby road	A1029
Normanby Road Duals	Scunthorpe	Glebe Road	A1077
Glebe Road	Scunthorpe	Normanby Road	A1029
Crosby Avenue	Scunthorpe	Ferry Road	Portman Road
Portman Road	Scunthorpe	Crosby Avenue	Foxhills Road
Reginald Road	Scunthorpe	Crosby Avenue	Foxhills Road
Hudson Avenue	Scunthorpe	Portman Road	Reginald road
Foxhills Road	Scunthorpe	Portman Road	Ferry road
Speedwell Crescent	Scunthorpe	Lunneberg Way	Ferry road West
Holm Firth road	Scunthorpe	Scotter Road	Dewsbury Avenue
Dewsbury Avenue	Scunthorpe	Holm Firth road	Ferry road
Baildon Road	Scunthorpe	Dewsbury Road	Dewsbury Road
Marsden Drive	Scunthorpe	Dewsbury Road	Stanley road
Stanley Road	Scunthorpe	Marsden Drive	Scotter Road
Burn Road	Scunthorpe	Scotter Road	Hilton avenue
Hilton Avenue	Scunthorpe	Burn Road	A18
Avenue Vivian	Scunthorpe	Ferry Road	Doncaster Road
Henderson Avenue	Scunthorpe	Ferry Road	Doncaster Road
Froddingham Road	Scunthorpe	Old crosby	Doncaster Road
Dawes Lane	Scunthorpe	High Street East	End
High Street East	Scunthorpe	A1029	A1029
Carlton Street	Scunthorpe	Station Road	End
Lindum Street	Scunthorpe	Carlton Street	Cole Street
Fenton Street	Scunthorpe	Cole Street	Lindum Street
Cole Street	Scunthorpe	Station Road	Mary Street
Mary Street	Scunthorpe	Cole Street	Exeter Road
High Street	Scunthorpe	Doncaster Road	Paved Area
Station Road	Scunthorpe	A1029	Oswald Road
Laneham Street	Scunthorpe	Station Road	Mary Street
Corporation Street	Scunthorpe	Laneham Street	Station road
Oswald Road	Scunthorpe	Station Road	Doncaster Road
Doncaster Road	Scunthorpe	Oswald Road	A18 Berkley Circle
Church Lane	Scunthorpe	Oswald Road	A18
Exeter Road	Scunthorpe	Church Lane	Doncaster Road
Cliff Gardens	Scunthorpe	Highfield Avenue	Exeter Road
Highfield Avenue	Scunthorpe	Cliff Gardens	Doncaster Road
Newland Avenue	Scunthorpe	Doncaster Road	Church Lane
Moors Road	Scunthorpe	Scotter Road	Bolsover Road
Bolsover Road	Scunthorpe	Moors Road	Minster Road
Minster Road	Scunthorpe	Bolsover Road	Scotter Road
Brumby Wood Lane	Scunthorpe	Scotter Road	Ashby Road
Plymouth Road	Scunthorpe	Bristol Road	West Common Lane
Bristol Road	Scunthorpe	Scotter Road	West Common Lane
West Common Lane	Scunthorpe	Scotter Road	Ashby Road
Glover Road	Scunthorpe	A18	West Common Lane

Lloyds Avenue	Scunthorpe	Glover Road	Ashby Road
Glanville Avenue	Scunthorpe	Lloyds Avenue	West Common Lane
Devonshire Road	Scunthorpe	Malvern Road	Priory Lane
Malvern road	Scunthorpe	West Common Lane	Devonshire Road
Rothbury Road	Scunthorpe	West Common Lane	Chelwood Road
Chelwood Road	Scunthorpe	Rothbury Road	Devonshire Road
Priory Lane	Scunthorpe	B1450	A159
Swineburn Road	Scunthorpe	West Common Lane	Bridges Road
Bridges Road	Scunthorpe	Dryden Road	Manor Farm Road
Manor Farm Road	Scunthorpe	Bridges Road	B1450
Dryden Road	Scunthorpe	Bridges Road	B1450
Rowland Road	Scunthorpe	Ashby Road	Brigg Road
Cottagebeck Road	Scunthorpe	Ashby Road	Brigg Road
Trent Street	Scunthorpe	Rowland Road	Cottage Beck Road
Bushfield Road	Scunthorpe	Ashby Road	Cemetery Road
Cemetery Road	Scunthorpe	Cottage Beck Road	East Common Lane
Warwick Road	Scunthorpe	Cottage Beck Road	East Common Lane
Lilac Avenue	Scunthorpe	Warwick Road	Sandhouse Crescent
Sandhouse Crescent	Scunthorpe	Lilac Avenue	East Common Lane
East Common Lane	Scunthorpe	A18	B1501
Warley Road	Scunthorpe	East CommonLane	Grange Lane North
Healy Road	Scunthorpe	East CommonLane	Warley Road
Fardell Road	Scunthorpe	Warley Road	A18
Dudley Road	Scunthorpe	A18	Bellingham Road
Bellingham Road	Scunthorpe	Dudley Road	Grange Lane North
Old Brumby Street	Scunthorpe	A18	Ashby Road
Revesby Avenue	Scunthorpe	Old Brumby Street	Lincoln Gardens
Lincoln Gardens	Scunthorpe	Ashby Road	Collum Avenue
Alvingham Road	Scunthorpe	Revesby Avenue	Collum Avenue
Collum Avenue	Scunthorpe	A18	Ashby High Street
Annes Crescent	Scunthorpe	Fulbeck Road	Fulbeck Road
Fulbeckbeck Road	Scunthorpe	Stockshill Road	Stockshill Road
Stockshill Road	Scunthorpe	A18	Ashby High Street
Lakeside	Scunthorpe	Ashby ville Roundabout	End
Derwent Road	Scunthorpe	B1501	Manifold Road
Manifold Road	Scunthorpe	Derwent Road	B1501
Everest Road	Scunthorpe	B1501	Ashby High Street
Bottesford Road	Scunthorpe	B1501	Ashby High Street
Rochdale Road	Scunthorpe	A159	Bottesford Road
Angerstein Road	Scunthorpe	A159	Willoughby Road
Willoughby Road	Scunthorpe	B1450	A159
Spilsby Road	Scunthorpe	Enderby Road	Willoughby Road
Thorseby Road	Scunthorpe	Enderby Road	Somerby Road
Somerby Road	Scunthorpe	Thoresby Road	Ferriby Road
Ferriby Road	Scunthorpe	Somerby Road	Willoughby Road
Enderby Road	Scunthorpe	B1450	Willoughby Road
High Leys Road	Bottesford	Moorwell Road	Enderby Road
Park Avenue	Bottesford	High Leys Road	Ogilvy Drive
Sunningdale Road	Scunthorpe	Enderby Road	Quebec Road
Bollingbroke Road	Scunthorpe	Enderby Road	High Leys Road
Quebec Road	Bottesford	Sunningdale Road	Hurst Lane
Hurst Lane	Bottesford	Quebec Road	Moorwell Road
Moorwell Road	Bottesford	A159	Scotter Road
Ogilvy Drive	Bottesford	High Leys Road	Keddington Road
Manor Road	Bottesford	A159	Bottesford Lane
Seabrook Drive	Bottesford	A159	Valley View Drive
Valley View Drive	Bottesford	Seabrook Drive	Manor Road

Cambridge Avenue	Bottesford	Manor Road	Chancel Road
Bottesford Lane	Bottesford	B1501	Holme Hall Avenue
Holme Hall Avenue	Bottesford	Bottesford Lane	Queenswood Road
Queenswood Road	Bottesford	Holme Hall Avenue	Timberlands
Timberland	Bottesford	Holme Hall Avenue	Second Roundabout
West Halton Hill	West Halton	A1077	C110
Stather Hill	Burton Stather	B1430	End
Far Ings Lane	Barton	B1218	Gravel Pit Lane
Gravel Pit Lane	Barton	Far Ings Lane	A1077
Butts Road	Barton	Fleet gate	Pasture Road
Pasture Road	Barton	Butts road	Beck Hill
Beck hill	Barton	Pasture Road	White Cross Street
Caistor Road	Barton	White Cross Street	B1206
Tofts Road	Barton	Ferriby Road	Summer dale
Whitecross Street	Barton	Beck Hill	Caistor Road
Hungate	Barton	Holy Dyke	Fleet Gate
West Acridge	Barton	Fleet gate	End
King Street	Winterton	Market Street	Park Street
Market Street	Winterton	High Street	King Street
High Street	Winterton	B1430	Market Street
Cemetery Road	Winterton	Hart Lane	Park Street
Newport Drive	Winterton	B1207	End
Hart Lane	Winterton	B1430	Park Street
Wesley Road / Grammar School Road	Brigg	A18	Springbank
Dunstan Hill	Kirton	B1398	End
Humber Side Airport	Kirmington	A18	Roundabout
C132	North Killingholme	Haven Road	End
C129	Various	Thorton Curtis	Goxhill
C120	Wootton	A1077	C119
C119	Wootton	C120	B1211
B1211	Various	Ulceby	A18
C137	Various	Kirmington	Croxtan
B1210	Various	Kirmington A18	Boundary
C225	Scawby	B1398	B1400
B1216	Gunness	A18	C105
Crowle Bank Road	Althorpe	A18	C213
C201	Sandtoft	5 ways	Boundary
Elwes Street	Brigg	Elwes Street	End
Bigby Street	Brigg	Elwes Street	A1084
Atherton Way	Brigg	A18	End
Humber Road	Barton	Dam Road	Farings Road
Dam Road	Barton	Waterside Road	Humber Road
Maltkin Lane	Barton	Waterside Road	End
Falkland Way	Barton	A1077	Pasture Road
High Street	Barton	Hungate	Burgate
Burgate	Barton	High Street	Beckhill
Clayfield Road	Scunthorpe	Phoenix Parkway	Atkinson Way
Atkinson Way	Scunthorpe	Park Farm Road	End
Ram Boulevard	Scunthorpe	Atkinson Way	End
Lysaghts Way	Scunthorpe	Park Farm Road	Normanby Road
Park Farm Road	Scunthorpe	Atkinson Way	End
Berkeley Street	Scunthorpe	Frodingham Road	Wells Street
West Street	Scunthorpe	Frodingham Road	Wells Street
Allanby Street	Scunthorpe	High Street	West Street
Frances Street	Scunthorpe	West Street	High Street
Wells Street	Scunthorpe	Glebe Road	Chapel Stret

Chapel Street	Scunthorpe	Wells Street	Glebe Road
Holme Street	Scunthorpe	Winterton Road	High Street
Trafford Street	Scunthorpe	High Street	North Street
North Street	Scunthorpe	Trafford Street	Winterton Road
Cross Street	Scunthorpe	Holme Street	Trafford Street
Colin Road	Scunthorpe	Banbury Road	Cottage Beck Road
Banbury Road	Scunthorpe	Colin Road	End
Midland Road	Scunthorpe	Banbury Road	East Common Lane
Lichfield Avenue	Scunthorpe	Dryden Road	Swinburne Road
Dunlop Way	Scunthorpe	Brigg Road	End
South Park Road	Bottesford	Scotter Road	Sunningdale Road
Mill Lane	Broughton	Wressle Road	Brigg Road
C239	Gainsthorpe	B1206	B1398
South View Avenue	Burringham	C214	B1450
Cross Street	Brigg	Bigby Street	Wrawby Street
Wrawby Street	Brigg	Cross Street	Queen Street
Queen Street	Brigg	Bigby Street	Cross Street
Albert Street	Brigg	Bigby Street	A1084
Bowmandale	Barton	Holydyke	Horkstow Road
Holyrood Drive	Scunthorpe	A1077	End
Snowdonia Avenue	Scunthorpe	Holyrood Drive	End
Exmoor Avenue	Scunthorpe	Snowdonia Avenue	End
Buckingham Avenue	Scunthorpe	Ferry Road	End
Bessemer Way	Scunthorpe	Warren Road	Mannaberg Way
Collinson Avenue	Scunthorpe	Scotter Road	Doncaster Road
Cliff Closes Road	Scunthorpe	Doncaster Road	End
Cliff Street	Scunthorpe	Rowland Road	Cottage Beck Road
Northampton Road	Scunthorpe	Colin Road	End
Kettering Road	Scunthorpe	Northampton Road	Cottage Beck Road
Nostell Road	Scunthorpe	Midland Road	Brigg Road
Portman Road	Scunthorpe	Crosby Avenue	Buckingham Avenue
Lilac Avenue	Scunthorpe	Sandhouse Crescent	Sandhouse Crescent
Menasha Way	Scunthorpe	Dunlop Way	End
Arkwright Way	Scunthorpe	Dunlop Way	End
Ridge Way	Scunthorpe	Kingsway	End
Lichfield Avenue	Scunthorpe	Swinburne Road	Whitman Road
Whitman Road	Scunthorpe	Litchfield Avenue	Meredith Avenue
Meredith Avenue	Scunthorpe	Whitman Road	Dryden Road
Hoylake Road	Bottesford	South Park Road	Moorwell Road
Low Leys Road	Bottesford	Hurst Lane	Sunningdale Road
Collum Lane	Scunthorpe	Ashby High Street	School Road
School Road	Scunthorpe	Collum Lane	Collum Avenue
Keddington Road	Bottesford	Ogilvy Drive	Messingham Road
Caistor Avenue	Bottesford	Bottesford Lane	Cherry Mount
Cherry Mount	Bottesford	Caistor avenue	Timberlands
Timberlands	Bottesford	Queenswood Road	Second Roundabout
Townhill	Broughton	High Street	South View
Brooklands Avenue	Broughton	High Street	South View
South View	Broughton	Brooklands Avenue	Townhill
Market Place/Churchside	Barrow Upon Humber	A1077	B1402
Main Street	Ealand	A161	A161
Fieldside	Crowle	A161	A161
Bus Station	Scunthorpe	Fenton Street	Fenton Street

APPENDIX 5

REDUCED NETWORK OF PRECAUTIONARY SALTING ROUTES DURING SALT SHORTAGES

PRN

A15 (Nth)	Barnetby Top to Humber Bridge
A15 (Nth)	Humber Bridge Toll Booths to A15 Hessle Roundabout
A15 (Sth)	Briggate Lodge Roundabout to Lincolnshire County Boundary
A18	High Levels to NE Lincs Boundary (Kirmington)
A159	Scotter to A18 Queensway Roundabout
A160	A1173 Manby Road Roundabout to Immingham Dock Entrance
A161	Notts County Boundary to ERYC Boundary (or to start of ERYC Salting Route)
A1029	A18 Ashbyville Roundabout to A1077 Mannaberg Roundabout
A1077	M181 Roundabout Scunthorpe to A160 Junction Ulceby Skitter
A1084	Monument Roundabout Brigg to Lincolnshire County Boundary
A1173	A160 Roundabout to NE Lincs Boundary

OTHERS

Ferry Road	Warren Lodge Roundabout to Normanby Road
Warren Road	Normanby Road to Winterton Road
Cliff Gardens	Oswald Road to Highfield Avenue
Highfield Avenue	Cliff Gardens to Doncaster Road
Church Lane	Oswald Road to A18 Kingsway
Brumby Wood Lane	A18 Kingsway to C221 Scotter Road
West Common Lane	A159 Ashby Road to C221 Scotter Road
B1450 Burringham Road	C221 Scotter Road to A159 Ashby Road
B1450 Ashby Broadway	A159 Ashby Road to Bottesford Road
B1450 Ashby High Street	Bottesford Road to B1501 Grange Lane South
Moorwell Road	Scotter Road South to A159 Messingham Road
C223 Manor Road	A159 Messingham Road to Holme Hall Avenue
Bottesford Lane	Chancel Road to Timberlands
Timberlands	Holme Hall Avenue to Olive Drive
Olive Drive	Timberlands to Morrisons
B1501 Chancel Road	A159 Messingham Road to Bottesford Lane
B1501 Grange Lane South	Bottesford Lane to A18 Queensway
B1450 Grange Lane North	A18 Queensway to A1029 Brigg Road
East Common Lane	B1501 Grange Lane North to A18 Queensway
C167 Cottage Beck Road	Ashby Road to A1029 Brigg Road
C166 Rowland Road	Ashby Road to A1029 Brigg Road
C173 Station Road	Oswald Road to A1029 Brigg Road
Laneham Street	Station Road to Mary Street
C221 Scotter Road	Warren Lodge to Scotter
Frodingham Road	Ferry Road to High Street
Oswald Road	High Street to Rowland Road
Glebe Road	A1029 Winterton Road Roundabout to Wells Street Roundabout
Normanby Road	Wells Street Roundabout to A1077 Mannaberg Way
Doncaster Road	Berkeley Roundabout to Frodingham Road
B1211	Brocklesby Crossroads to A1077 Ulceby
C131	A160 to Brocklesby Crossroads
B1434	NLC Boundary (Kettleby) to NLC Boundary (Howsham)
C48 / C101 / B1392	ERYC boundary - Luddington - A161 Eastoft
C203	Wroot, Candy Corner
C201	DMBC to Sandtoft five ways
B1396	Westwoodside Park Drain
Burton upon Stather hill	B1430 to bottom

APPENDIX 6

FOOTWAYS TO BE TREATED DURING EXTREME CONDITIONS

Snow Clearing

I. IN EXTREME SNOWFALL CONDITIONS

Appropriate treatment to pedestrianised areas:

1. Scunthorpe Precinct including Jubilee Way.
2. Brigg Precinct.
3. Frodingham Footbridge (Station Road to Rowland Road)
4. Ashby Broadway (Bottesford Lane to High Street)

When conditions and resources permit appropriate treatment to other heavily used footways.

1. Crowle A161 High Street from Fieldside to Fieldside.
2. Epworth High Street from A161 to Albion Hill Sheltered Housing complex.
3. Epworth Church Street from High street to Market Place.
4. Epworth Market Place from Church Lane to Albion Hill.
5. Winterton Market Place from High Street to Park Street.
6. Messingham High Street from Church Street to Crosstree Road.
7. Kirton Lindsey Market Place from North Cliff Road to Queen Street.
8. Brigg Bridge Street from A18 to Market Place.
9. Brigg Queen Street from Market Place to Bigby Street.
10. Barrow Upon Humber High Street from A1077 to Churchside.
11. Barton Upon Humber, High Street from Fleetgate to Whitecross Street.
12. Barton Upon Humber, George Street/King Street from Market Lane to High Street.
13. Barton Upon Humber, Market Lane from George Street to Whitecross Street.
14. Scunthorpe, Mary Street from Oswald Road to Cole Street.
15. Scunthorpe, Oswald Road from Mary Street to Cliff Gardens.
16. Scunthorpe, Frodingham Road from Doncaster Road to Ferry Road.
17. Scunthorpe High Street from Frances Street to Oswald Road.
18. Scunthorpe, Doncaster Road from High Street to Exeter Road.
19. Scunthorpe, Holme Street from Winterton Road to High Street.
20. Scunthorpe, Robert Street from Frances Street to High Street.
21. Scunthorpe, Laneham Street from High Street to Mary Street.
22. Scunthorpe, Dunstall Street from High Street to Mary Street.