

#### Comhairle Chontae Chill Chainnigh

Halla an Chontae Sraid Eoin Cill Chainnigh R95 A39T

#### Kilkenny County Council

County Hall John Street Kilkenny R95 A39T



Pobail agus Áiteanna Inbhuanaithe a Chruthú

Creating Sustainable Communities and Places

TO: CATHAOIRLEACH

& EACH MEMBER OF KILKENNY COUNTY COUNCIL

RE: WINTER MAINTENANCE PLAN 2025/2026

DATE: 14<sup>TH</sup> OCTOBER 2025

#### A Chara

The Winter Maintenance Season for 2025/2026 will extend from the 13<sup>th</sup> October, 2025 to 30<sup>th</sup> April, 2025. Daily monitoring of the road network conditions will be undertaken in this period and winter maintenance resources will be deployed in accordance with the provisions of the Winter Maintenance Plan 2025/2026.

Members are advised that the service delivery target for the Priority 1 and 2 network is to keep these roads frost/ice free 24 hours a day, 7 days a week. This service is provided from the Council's Machinery Yard through the deployment of salt spreaders under the direction of the Duty Engineer.

Notwithstanding the provision by Kilkenny County Council of winter maintenance services, it is the duty of individual road users to ensure that they drive in accordance with prevailing conditions and no assumptions should be made that frost or icy conditions do not prevail on certain areas of the road network.

The total length of the road network to be treated (*Priority 1 and 2*) is 428km. The routes are selected based on their strategic importance, volumes of traffic and in consideration of the logistics involved in designing the overall routes. Four vehicles will be deployed to deliver the service and, with a capacity of between 12 and 13 tonnes of salt per vehicle. Additional capacity is not achievable without significant capital investment.

A full copy of the Winter Services Plan 2025/2026 will be displayed on the Council's website.

Municipal District Engineers will also present Elected Members, at individual Municipal District Committee Meetings, with the details of the proposed Priority 3 Routes for 2025/2026. These are the routes that do not receive treatment to the standard pertaining to Priority 1 and 2 but which are treated periodically during periods of particularly severe weather.

Elected Members attention is also drawn to the provisions of the Severe Weather Plan which provides for the pooling of resources in the event that particularly severe weather events occur. This includes liaison with the IFA, local schools and other emergency service providers.

In conclusion, I recommend approval of the Winter Services Plan 2025/2026 in line with the details set out in this memo to Elected Members.

Seamus Kavanagh,

A/Director of Services

## **Kilkenny County Council**





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#### 1. Document Control

Role	Name	Signature	Date
Prepared By:	Francis Brophy		
Checked By:	Philippe Beubry		
Winter Services Manager	Seamus Kavanagh		
Director of Services for Transportation	Seamus Kavanagh		

#### 2. Purpose and Scope

The purpose and scope of this document is to identify the processes, procedures and key personnel employed by Kilkenny County Council in the delivery of winter maintenance services throughout County Kilkenny.

### 3. Winter Maintenance Policy

Motorists have a general duty of care to consider prevailing weather and road conditions when planning and/or undertaking journeys across the public road network.

Due to the length of the road network in County Kilkenny, it is not feasible to treat all roads in the County during the Winter Season (October 13<sup>th</sup> 2025 to April 30<sup>th</sup>, 2026). Accordingly, a form of prioritisation is necessary, and routes are divided into the following three priority designations:

Kilkenny County Council will seek to ensure, as far as reasonably practicable, the prevention of ice formation and of snow accumulation on **Priority 1 Routes** (**Red Routes**).

Kilkenny County Council will seek to ensure, as far as reasonably practicable, the prevention of ice formation and of snow accumulation on **Priority 2 Routes** (**Blue Routes**).

In extreme weather events and/or in circumstances requiring resource prioritisation, Priority 1 Routes will take precedence over Priority 2 Routes in terms of the allocation of available resources.

Kilkenny County Council will provide periodic winter maintenance services on **Priority 3 Routes**. Such services will only be provided on selected occasions associated with the anticipation of particularly severe weather conditions. <u>Roadusers must not assume that pre-salting services have been provided to the Priority 3 Network.</u>

Mobilisation and Treatment times are detailed in Table 4.1 below. In the case of Priority 1 and 2 Routes, notification of the intention to commence pre-salting services is required a minimum of five to six hours in advance of the predicted time of ice formation.

**Table 4.1** 

<b>Treatment Route</b>	Priority 1	Priority 2	Priority 3
<b>Mobilisation Time</b>	1hr	1hr	When possible
Treatment Time	2.5hr	3.5hr	When possible

#### 4. <u>Decision Matrix</u>

The Duty Engineer will inspect the forecast system daily from approximately 11:00am to 01:00pm. The decision matrix in Table 4.1 consists of the following;

**Table 4.1 Decision Matrix** 

Road Surface	Procinitation	Predi	cted Road Condit	tions
Temperature	Precipitation	Wet	Wet Patches	Dry
May fall below 1°C	No rain No hoar frost No fog		Salt before frost	No action likely, monitor
	No rain No hoar frost No fog	Salt before frost	(see note a)	weather (see note a)
	Expected hoar frost Expected fog		Salt before frost (see note b)	
Expected to fall below 1°C	Expected rain before freezing	Salt after rain stops (see note c)		
	Expected rain during freezing	Salt before frost and, as required, after rain stops (see note d)		ter rain stops
	Possible rain Possible hoar frost Possible fog	Salt before frost		Monitor weather conditions
Expected Snow		Salt before snow fall		

The decision to undertake precautionary treatments should be, if appropriate, adjusted to take account of residual salt or surface moisture.

All decisions should be evidence based, recorded and require careful monitoring and review.

#### Notes:

a) Particular attention should be given to the possibility of water running across carriageways and other running surfaces e.g. surface water off adjacent fields after heavy rains, washing off salt previously deposited. Such locations should be closely monitored. Ideally the source of the run-off should be diverted from the roadway.

- b) When a weather warning contains reference to expected hoar frost, considerable deposits of frost can occur. Hoar frost usually occurs in the early morning and is difficult to cater for because of the probability that any salt deposited on a dry road too soon before its onset, may be dispersed before it can become effective. Careful monitoring is required under this forecast condition which should ideally be treated just as the hoar frost is forming. Such action is usually not practicable and salt may have to be deposited on a dry road prior to but as close as possible to the expected time of the condition. Hoar frost may also be forecast at other times of the day, in which case the timing of salting operations should be adjusted accordingly.
- c) If under these conditions, rain has not ceased by early morning, crews should be called out and action initiated as rain ceases.
- d) Under these circumstances rain will freeze on contact with running surfaces and full precautionary treatment should be provided even on dry roads. This is a most serious condition and should be monitored closely and carefully throughout the danger period.

#### 5. Winter Maintenance Route Mapping Schedule

The following list in Table 5.1 sets out the drawings which indicate the Priority 1, 2 and 3 Routes for Winter Maintenance and also indicate the Section 85 arrangements between Kilkenny County Council and Tipperary County Council whereby, in the interests of efficiency services are provided by one local authority on behalf of another. The mapping for Priority 1, 2 and 3 Routes is contained in the Appendices.

**Table 5.1 Winter Maintenance Route Mapping Schedule** 

Drawing. No.	Drawing Name	Date
KCC-WM-01	Priority 1 & 2 Routes	Oct. 2015
KCC-WMP1&2-01	Route A – N77, N78, R639 & R693	Oct. 2017
KCC-WMP1&2-02	Route B – N76, N24 & R448	Oct. 2015
KCC-WMP1&2-03	Route C – R700, N25 & R704	Oct. 2015
KCC-WMP1&2-04	Route D – N10, R713, R448, R712 & Ring Road	Oct. 2015
KCC-WM-05	Section 85 Kilkenny/Tipperary	Oct.2013
KCC-WM-08	Section 85 Tipperary/Kilkenny	Oct. 2013
KCC-WMP3-01	Priority 3 Route Callan/Thomastown Area	Sept. 2011
KCC-WMP3-02	Priority 3 Route Castlecomer Area	Oct. 2015
KCC-WMP3- 2023020	Priority 3 Route Newrath Area	Oct 2023

### 6. Duty Rosters

The duty rosters for Kilkenny Local Authority staff assigned to the winter service plan are contained in Tables 6.1 and 6.2 below.

**Table 6.1 Duty Engineers Roster** 

Duty Engineer	Duty Period Start	Duty Period Finish
Declan Murphy	13/10/2025	19/10/2025
Paraic Butler	20/10/2025	26/10/2025
Philippe Beubry	27/10/2025	02/11/2025
John Tennyson	03/11/2025	09/11/2025
Declan Murphy	10/11/2025	16/11/2025
Paraic Butler	17/11/2025	23/11/2025
Philippe Beubry	24/11/2025	30/11/2025
John Tennyson	01/12/2025	07/12/2025
Declan Murphy	08/12/2025	14/12/2025
Paraic Butler	15/12/2025	21/12/2025
Philippe Beubry	22/12/2025	28/12/2025
John Tennyson	29/12/2025	04/01/2026
Declan Murphy	05/01/2026	11/01/2026
Paraic Butler	12/01/2026	18/01/2026
Seamus Kavanagh	19/01/2026	25/01/2026
John Tennyson	26/01/2026	01/02/2026
Declan Murphy	02/02/2026	08/02/2026
Paraic Butler	09/02/2026	15/02/2026
Seamus Kavanagh	16/02/2026	22/02/2026
John Tennyson	23/02/2026	01/03/2026
Declan Murphy	02/03/2026	08/03/2026
Paraic Butler	09/03/2026	15/03/2026
Seamus Kavanagh	16/03/2026	22/03/2026
John Tennyson	23/03/2026	29/03/2026
Declan Murphy	30/03/2026	05/04/2026
Paraic Butler	06/04/2026	12/04/2026
Seamus Kavanagh	13/04/2026	19/04/2026
John Tennyson	20/04/2026	26/04/2026
Declan Murphy	27/04/2026	30/04/2026

**Table 6.2 Drivers and Fitters Roster** 

Drivers	Fitters	Duty Period Start	Duty Period Finish
Colm Killian, Andrea Woodgate, Eamon Coogan, Wojciech Gruca	Michael Lonergan/Paul Hogan	13/10/2024	19/10/2024
David Dooley, Martin Morrissey, Maurice Lawlor, Eamonn Whearty	Declan Lawlor /James Fenion	20/10/2024	16/10/2024
Colm Killian, Andrea Woodgate, Eamon Coogan, Wojciech Gruca	James Fenlon /Andy Cleere	27/10/2024	02/11/2024
David Dooley, Martin Morrissey, Maurice Lawlor, Eamonn Whearty	Michael Lonergan/Declan Lawlor	03/11/2024	09/11/2024
Colm Killian, Andrea Woodgate, Eamon Coogan, Wojciech Gruca	Andy Cleere/James Fenion	10/11/2024	16/11/2024
David Dooley, Martin Morrissey, Maurice Lawlor, Eamonn Whearty	Paul Hogan/Pat Kavanagh	17/11/2024	23/11/2024
Colm Killian, Andrea Woodgate, Eamon Coogan, Wojciech Gruca	Michael Lonergan/Declan Lawlor	24/11/2024	30/11/2024
David Dooley, Martin Morrissey, Maurice Lawlor, Eamonn Whearty	Andy Cleere/James Fenion	01/12/2024	7/12/2024
Colm Killian, Andrea Woodgate, Eamon Coogan, Wojciech Gruca	Paul Hogan/Pat Kavanagh	08/12/2024	14/12/2024
David Dooley, Martin Morrissey, Maurice Lawlor, Eamonn Whearty	Michael Lonergan/Declan Lawlor	15/12/2024	21/12/2024
Colm Killian, Andrea Woodgate, Eamon Coogan, Wojciech Gruca	Andy Cleere/James Fenion	22/12/2024	28/12/2024
David Dooley, Martin Morrissey, Maurice Lawlor, Eamonn Whearty	Paul Hogan/Pat Kavanagh	29/12/2024	04/01/2026
Colm Killian, Andrea Woodgate, Eamon Coogan, Wojciech Gruca	Michael Lonergan/Declan Lawlor	05/01/2026	11/01/2026
David Dooley, Martin Morrissey, Maurice Lawlor, Eamonn Whearty	Andy Cleere/James Fenion	12/01/2026	18/01/2026
Colm Killian, Andrea Woodgate, Eamon Coogan, Wojciech Gruca	Paul Hogan/Pat Kavanagh	19/01/2026	25/01/2026
David Dooley, Martin Morrissey, Maurice Lawlor, Eamonn Whearty	Michael Lonergan/Declan Lawlor	26/01/2026	01/02/2026
Colm Killian, Andrea Woodgate, Eamon Coogan, Wojciech Gruca	Andy Cleere/James Fenion	02/02/2026	08/02/2026
David Dooley, Martin Morrissey, Maurice Lawlor, Eamonn Whearty	Paul Hogan/Pat Kavanagh	09/02/2026	15/02/2026
Colm Killian, Andrea Woodgate, Eamon Coogan, Wojciech Gruca	Michael Lonergan/Declan Lawlor	16/02/2026	22/02/2026
David Dooley, Martin Morrissey, Maurice Lawlor, Eamonn Whearty	Andy Cleere/James Fenion	23/02/2026	01/03/2026
Colm Killian, Andrea Woodgate, Eamon Coogan, Wojciech Gruca	Paul Hogan/Pat Kavanagh	02/03/2026	08/03/2026
David Dooley, Martin Morrissey, Maurice Lawlor, Eamonn Whearty	Michael Lonergan/Declan Lawlor	09/03/2026	15/03/2026
Colm Killian, Andrea Woodgate, Eamon Coogan, Wojciech Gruca	Andy Cleere/James Fenion	16/03/2026	22/03/2026
David Dooley, Martin Morrissey, Maurice Lawlor, Eamonn Whearty	Paul Hogan/Pat Kavanagh	23/03/2026	29/03/2026
Colm Killian, Andrea Woodgate, Eamon Coogan, Wojciech Gruca	Michael Lonergan/Declan Lawlor	30/03/2026	05/04/2026
David Dooley, Martin Morrissey, Maurice Lawlor, Eamonn Whearty	Andy Cleere/James Fenion	06/04/2026	12/04/2026

Colm Killian, Andrea Woodgate, Eamon Coogan, Wojciech Gruca	Paul Hogan/Pat Kavanagh	13/04/2026	19/04/2026
David Dooley, Martin Morrissey, Maurice Lawlor, Eamonn Whearty	Michael Lonergan/Declan Lawlor	20/04/2026	26/04/2026
Colm Killian, Andrea Woodgate, Eamon Coogan, Wojciech Gruca		27/04/2026	30/04/2026

#### 7. Treatment Matrix

The following information outlines the application rates for pre-salting:

- Pre-salting is provided at a rate of 10g/m<sup>2</sup>
- At selected sections of pre-salting routes or on particularly severe events, application rates may be increased to reflect localised conditions.
- Routes have been designed to allow a treatment at 15g/m² when conditions
  dictate (For example during nights with prolonged cold periods or excess
  residual water).
- For the Winter Season 2025-2026, Kilkenny County Council will utilise a
  brine plant, based in the Machinery yard at Hebron Industrial Estate, Hebron
  Road, Kilkenny. This involves pre-wetting the salt as it is applied to roads
  with a brine solution to improve the effectiveness of winter maintenance
  operation.

#### 8. Plant, Vehicles and Equipment

Kilkenny County Council operates 4 No. permanent pre-wet spreaders. Also, Kilkenny County Council has 3 No. demountable salt spreaders which are permanently mounted on trucks to provide extra cover in the event of a breakdown or extreme conditions. In addition to the above plant, Kilkenny County Council maintains 1 No. salt spreaders in the Machinery Yard which can be mobilised in extreme conditions when required.

Kilkenny County Council has 8 No. snow ploughs available for deployment in the event of snow conditions. 6 No. of these snow ploughs are truck mounted and the other 2 No. have been adapted to fit on other vehicles when required.

Kilkenny County Council also operates 7 No. demountable salt spreaders and 3 No. towed salt spreaders.

The list of plant and service records are itemised in Tables 9.1 and 9.2 below:

**Table 9.1 Salt Spreaders – Service Record** 

Description	Depot Location	Capacity	Date Calibrated	Date Serviced	Date of Next Calibration	Date of next Service
SG10 – Permanent Pre-Wet	Machinery Yard	9m³ Pre- Wet	Nov '24	Nov '25	Nov '25	Nov '25
SG9 – Permanent Pre-Wet	Machinery Yard	9m³ Pre Wet	Nov '24	Nov '25	Nov '25	Nov '25
SG8 – Demountable	Machinery Yard	9m³	Oct '24	Oct '24	Oct '25	Oct '25
SG12 – Permanent Pre-Wet	Machinery Yard	10.5m³	Oct '23	Oct '23	Oct '24	Oct '24
SG6 – Demountable	Machinery Yard	9m³	Oct '23	Oct '23	Oct '24	Oct '24
SG11 – Permanent Pre-Wet	Machinery Yard	10.5m³	Oct '23	Oct '23	Oct '24	Oct '24
SG3 – Demountable	Machinery Yard	6m³				
CLN1 - Demountable	Thomastown Depot	3m³				
CLN2 - Demountable	Callan Depot	1.5m³				
CLN3 – Demountable	Kilmaganny Depot	1.5m³				
CLN4 – Towable	Kilkenny Depot	3m³				
CC1 – Towable	Johnstown Depot	4.5m³				
CC2 – Towable	Castlecomer Depot	4.5m³				
CC3 – Towable	Ballyragget Depot	4.5m³				

N1 - Demountable	Newrath Depot	2m³		
KK1 - Demountable	Machinery Yard	$3m^3$		
TT1 - Demountable	Graignamanagh Depot	3.8m³		
TT2 - Demountable	Gowran Depot	2.6m³		
TT3 – Towable	Thomastown Depot	4.5m³		

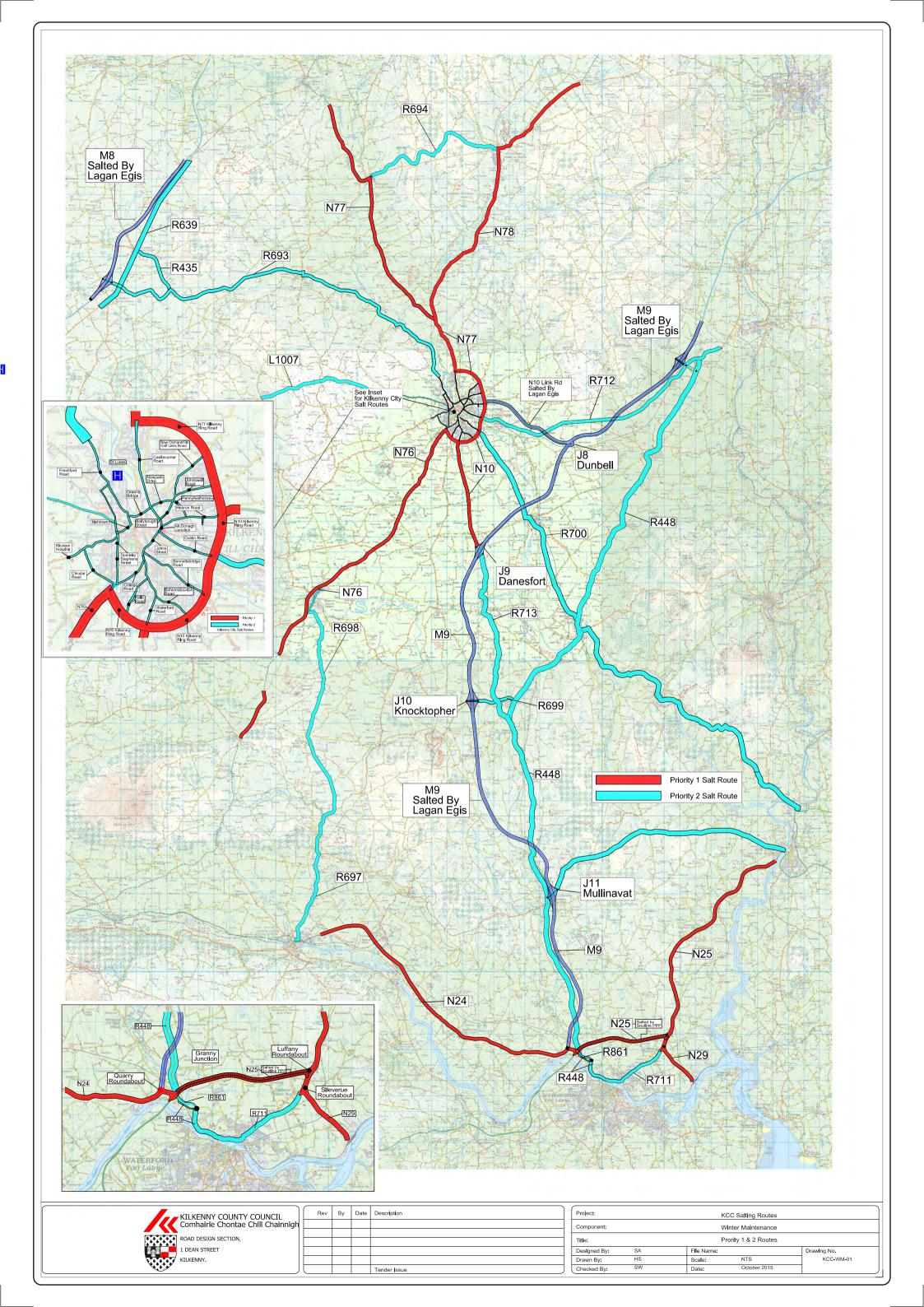
**Table 9.2 Snow Ploughs & Loading Shovels** 

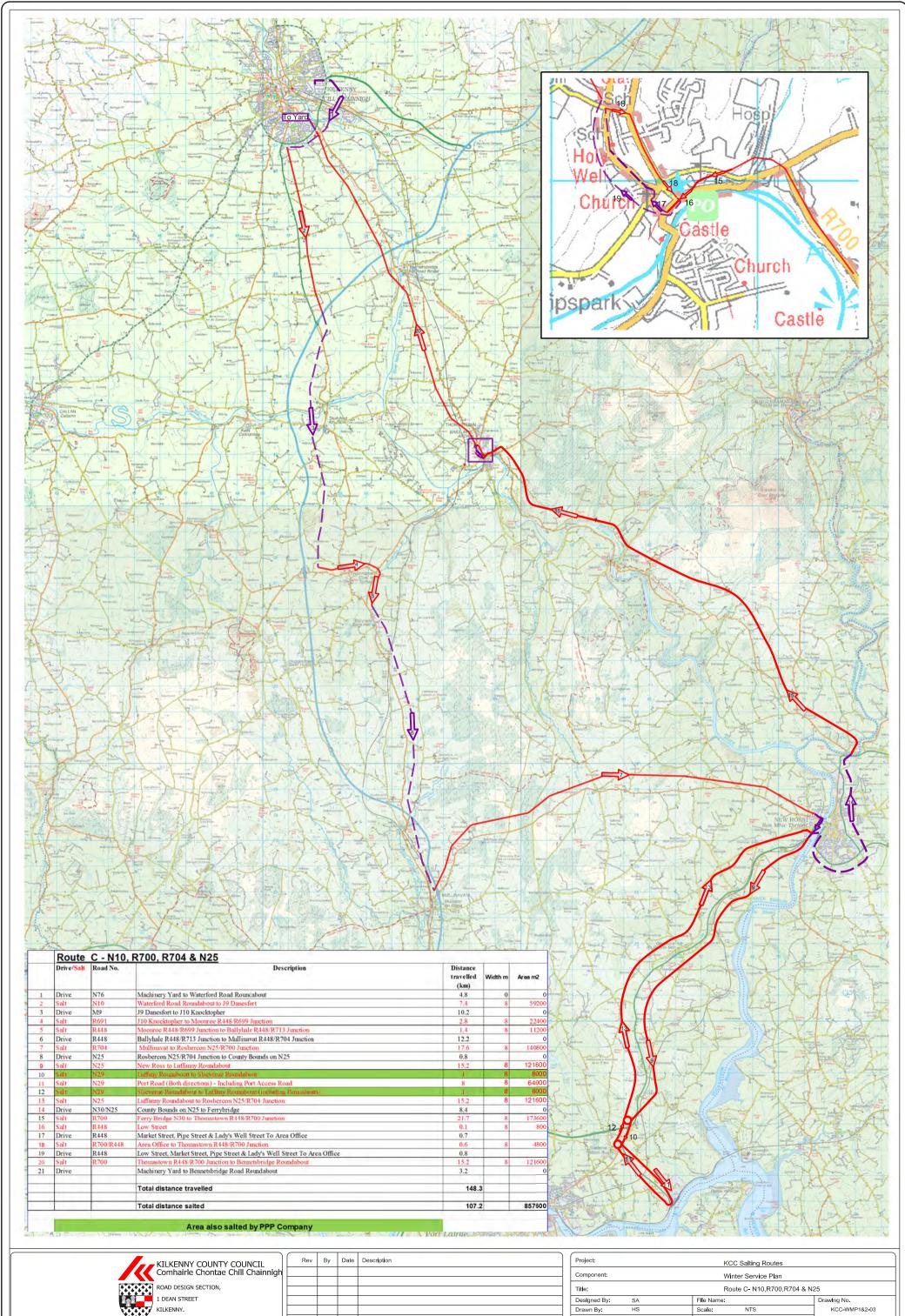
Snowploughs & Loading Shovels	<b>Depot Location</b>	Fitted to	Date Serviced	Date of Next Service
119T – Loading Shovel	Machinery Yard		Regular Servicing	
135T – Manitou Teleporter	Machinery Yard		Regular Servicing	
Snowplough - SP - MY1	Machinery Yard			
SP - MY2	Machinery Yard			
SP - MY3	Machinery Yard			
SP - MY4	Machinery Yard			
SP - MY5	Machinery Yard			
SP - MY6	Machinery Yard			
SP – MY7	Machinery Yard			

## 9. Winter Service Plan Distribution List

Issued to	Position	Organisation	Location
Lar Power	Chief Executive	Kilkenny County Council	County Hall, Kilkenny
Seamus Kavanagh	A/Director of Services	Kilkenny County Council	County Hall, Kilkenny
Philippe Beubry	A/Senior Engineer Roads	Kilkenny County Council	County Hall, Kilkenny
Stan Cullen	A/Senior Engineer Kilkenny Municipal Area	Kilkenny County Council	City Hall
Alan Hyland	Executive Engineer Kilkenny Municipal Urban Area	Kilkenny County Council	City Hall
Kevin Pettit	Area Engineer Kilkenny Municipal Rural Area	Kilkenny County Council	County Hall, Kilkenny
John Tennyson	Area Engineer Newrath Municipal Area	Kilkenny County Council	Piltown Area Office
Paraic Butler	Area Engineer Castlecomer Municipal Area	Kilkenny County Council	Castlecomer Area Office
Declan Murphy	Area Engineer Thomastown/Callan Municipal Areas	Kilkenny County Council	Thomastown Area Office
Francis Brophy	Machinery Yard Engineer	Kilkenny County Council	Machinery Yard
Art Hennessy	Technical Services Supervisor	Kilkenny County Council	Machinery Yard
Sinead Fanning	Health & Safety Officer	Kilkenny County Council	County Hall, Kilkenny
Orla Barrett	Senior Engineer	Carlow County Council	
James Dowling	Senior Exec Engineer	Laois County Council	
James Murray	Senior Engineer	Tipperary County Council	
Sinead Casey	Senior Engineer	Wexford County Council	
Gabriel Hynes	Senior Engineer	Waterford Council	
Stephen Smyth	Winter Maintenance Manager	Transport Infrastructure Ireland	
John Moore	Winter Maintenance Manager	Lagan Egis	N25 Toll Plaza
Evelyn Cusack	Head of Forecasting	Met Eireann	Glasnevin Hill, Dublin 9.
Superintendent Seán O'Meara	Traffic Corps	An Garda Siochana	Kilkenny Garda Station
Inspector Claire Kinealy	Traffic Corps	An Garda Siochana	Thomastown Garda Station

# Appendix 1 - Priority 1 & Priority 2 Treatment Routes

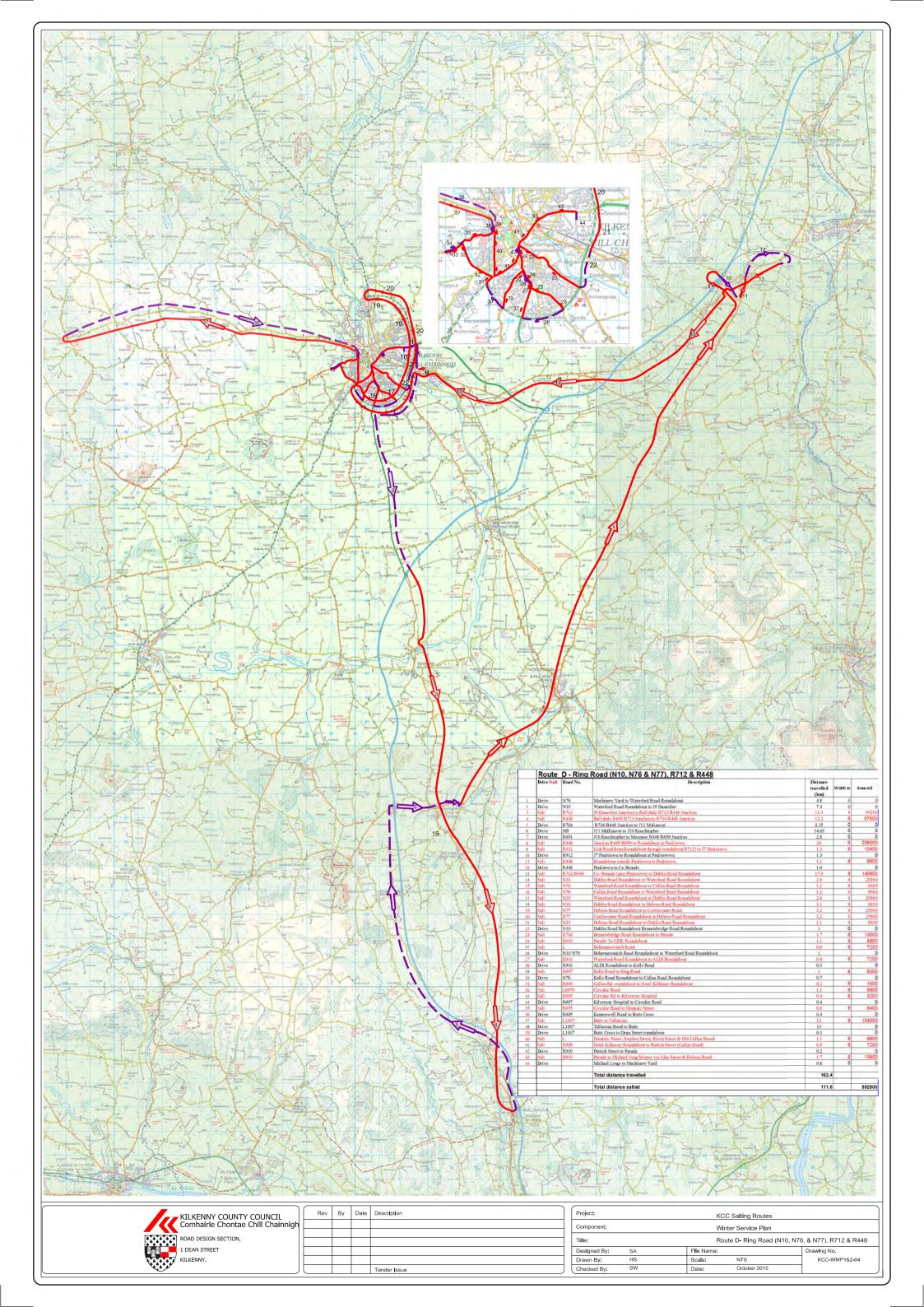


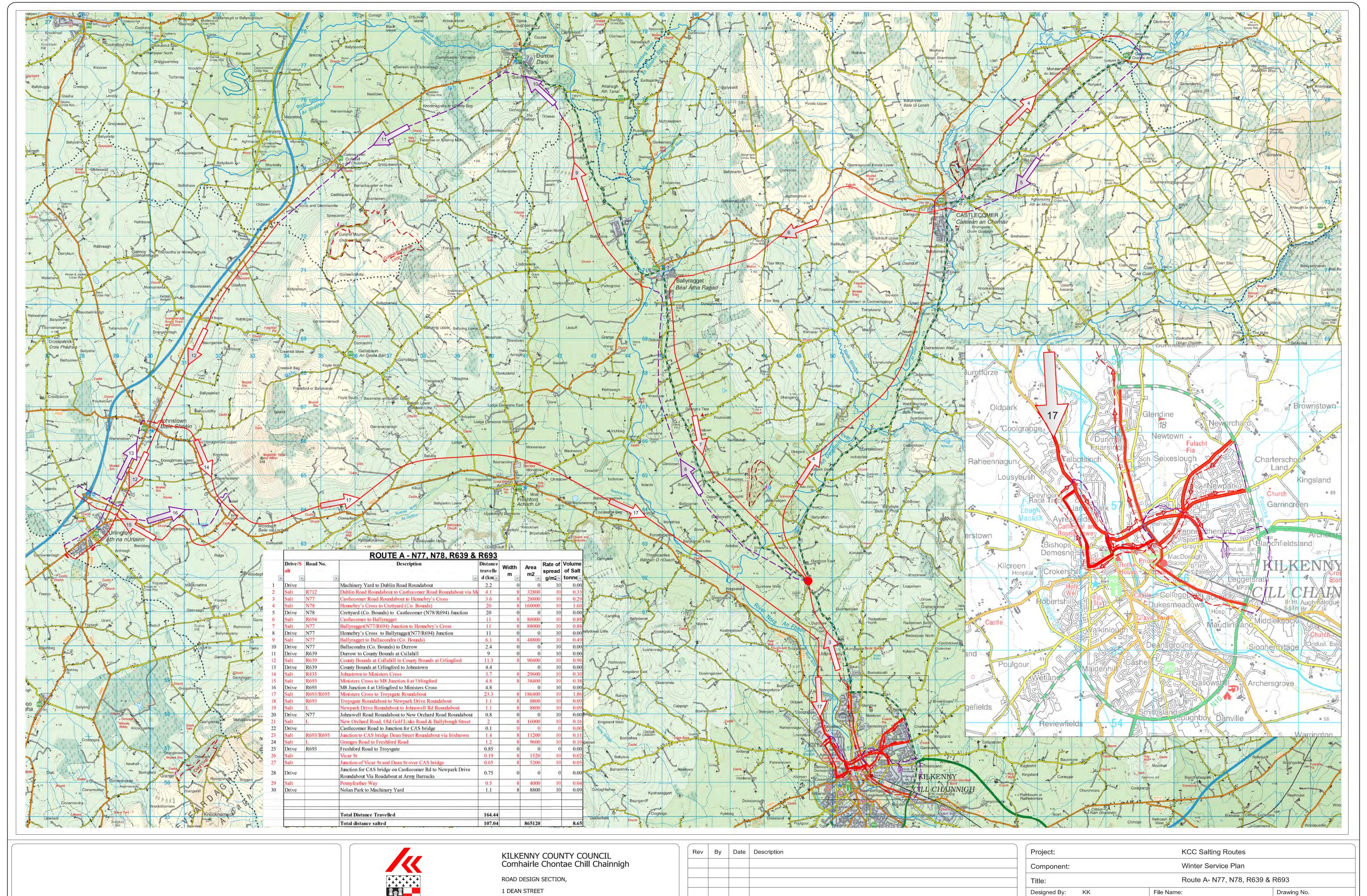




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J		Tender Issue

Project:		k	KCC Salting Routes		
Component:		V	Vinter Service Plan		
Title:			Route C- N10,R700,R704 & N25		
Designed By:	SA	File Name:		Drawing No.	
Drawn By:	HS	Scale:	NTS	KCC-WMP1&2-03	
Checked By:	SW	Date:	October 2015		



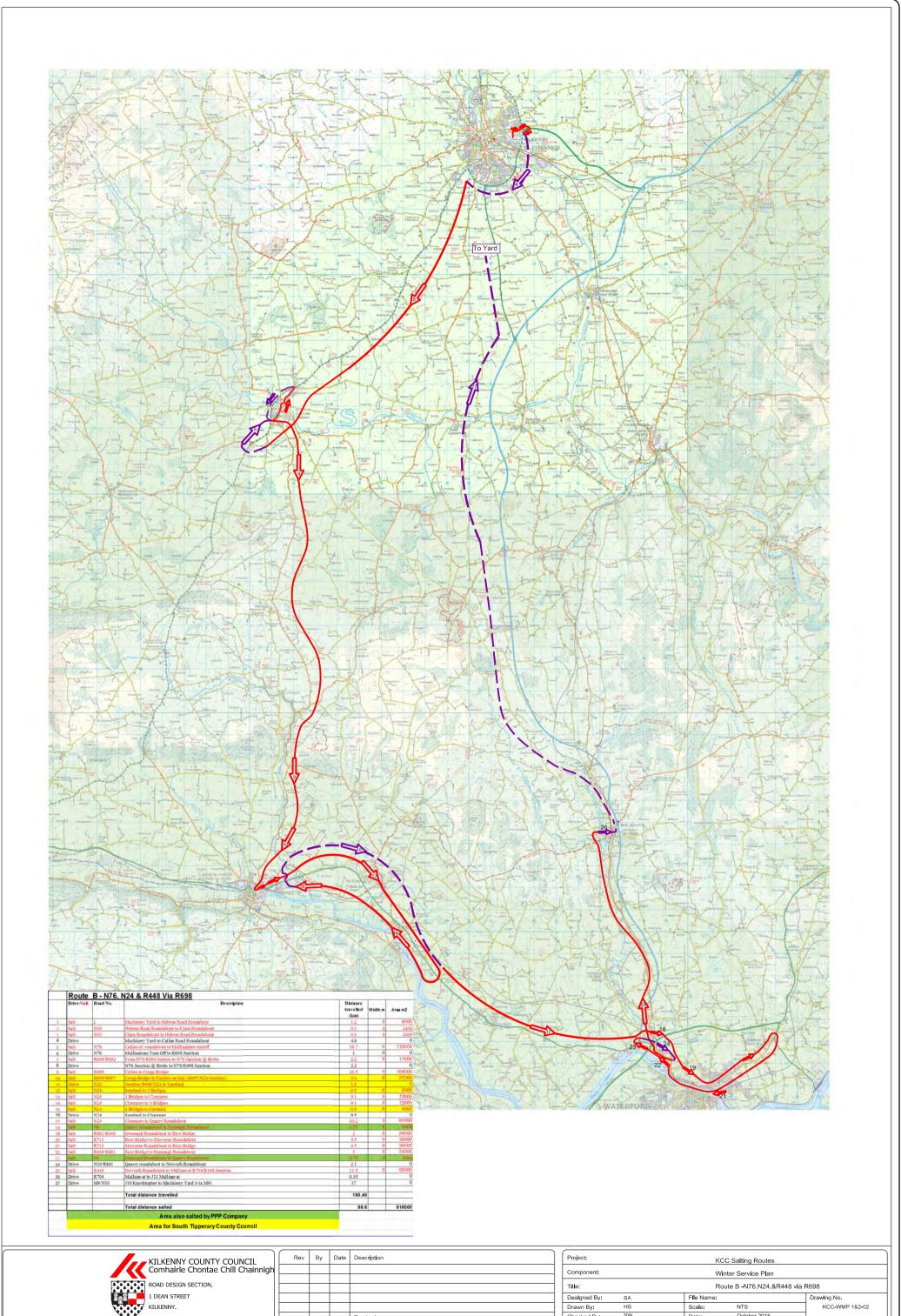




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	Rev	Ву	Date	Description	
}					

Project:		KCC Salting Routes				
Component:		VVi	Winter Service Plan			
Title:		Route A- N77, N78, R639 & R693				
Designed By:	KK	File Name:		Drawing No.		
Drawn By:	HS	Scale:	NTS	KCC-WMP1&2-01		
Checked By:	KK	Date:	October 2017			

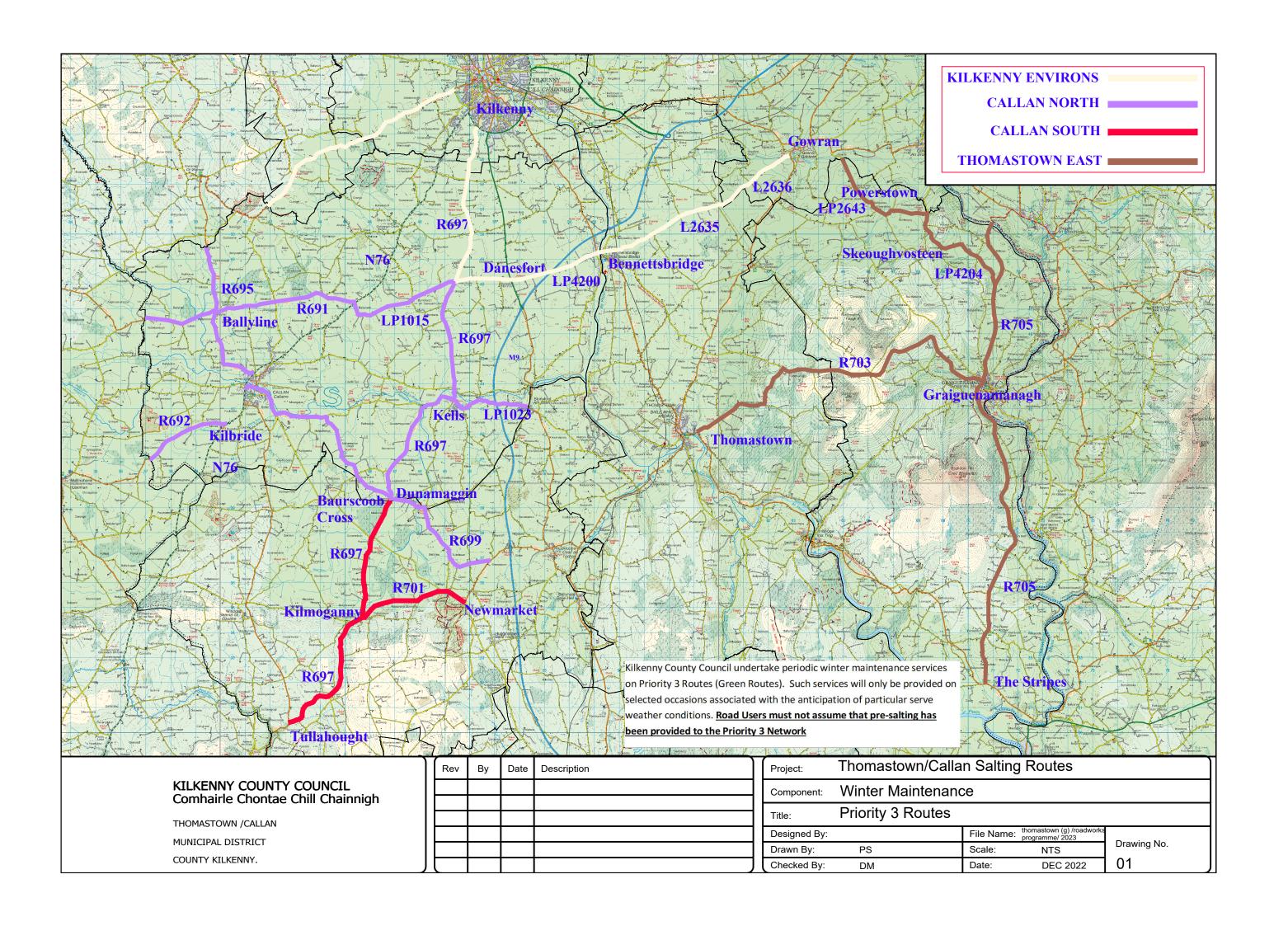


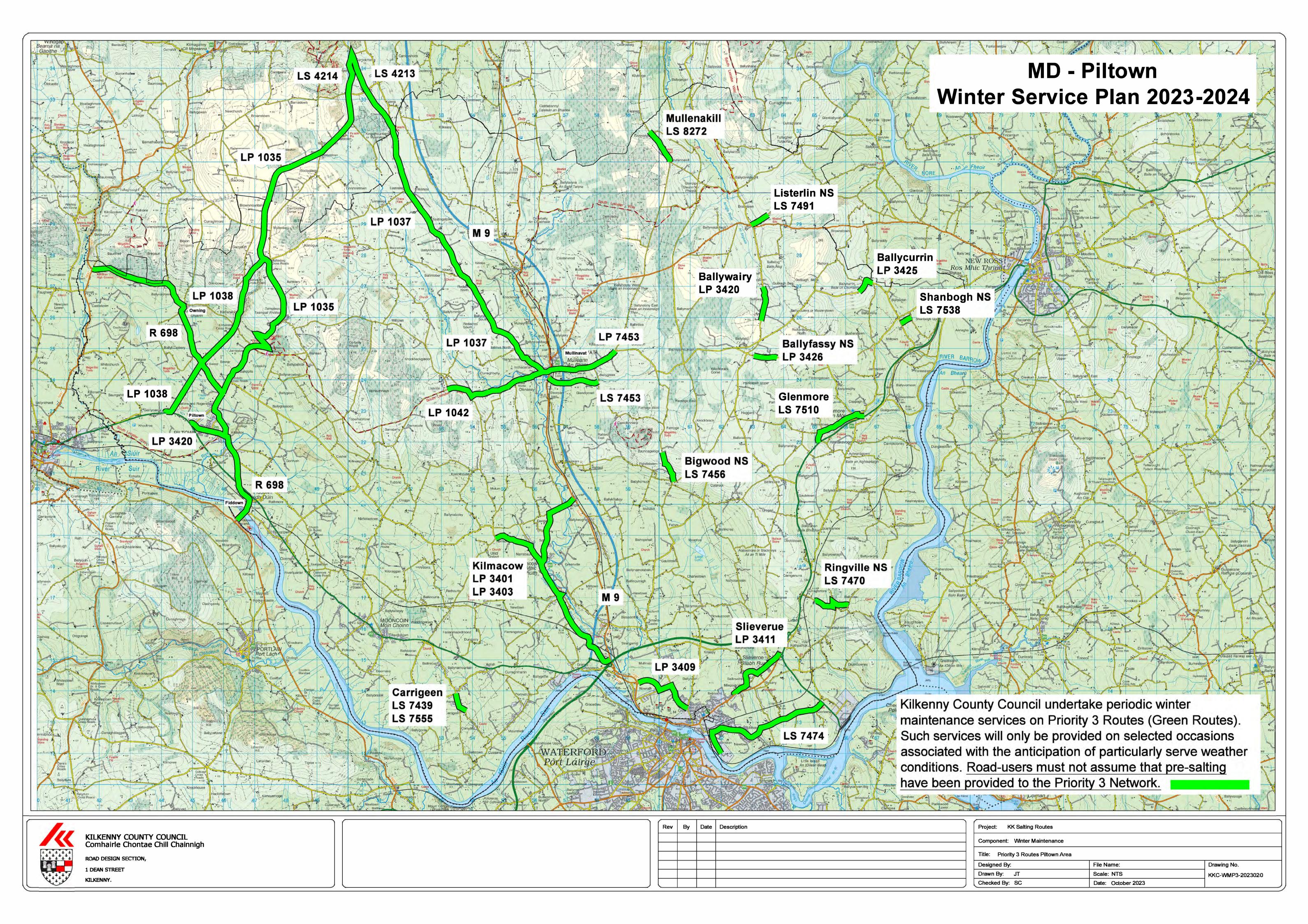


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		Tender Issue

Project:						
Component:		Win	Winter Service Plan			
Title: Route B -N76,N24,&R448 via R698						
Designed By:	SA	File Name:		Drawing No.		
Drawn By:	HS	Scale:	NTS	KCC-WMP 1&2-02		
Checked By:	SW	Date:	October 2015	J		

# Appendix 2 - Priority 3 Treatment Routes





## <u>Appendix 3 - Section 85 -</u> <u>Treatment Routes Maps</u>

