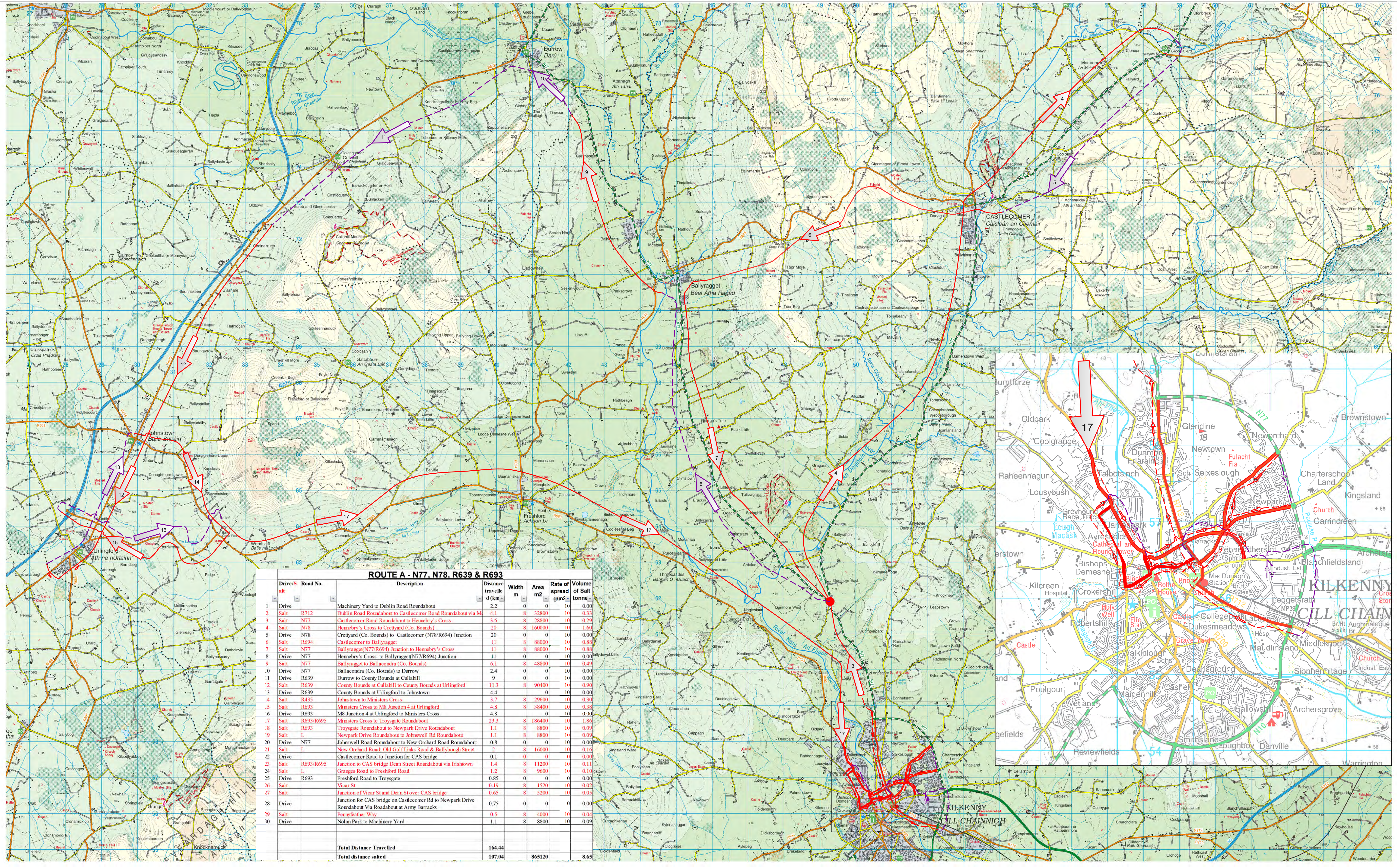
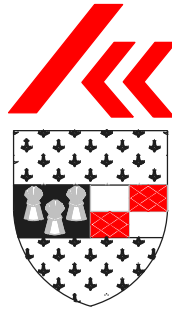




ROUTE A - N77, N78, R639 & R693									
Drive/Salt	Road No.	Description	Distance travelled d (km)	Width m	Area m ²	Rate of spread g/m ²	Volume of Salt tonnes		
1	Drive	Machinery Yard to Dublin Road Roundabout	2.2	0	0	10	0.00		
2	Salt R712	Dublin Road Roundabout to Castlecomer Road Roundabout via M1	4.1	8	32800	10	0.33		
3	Salt N77	Castlecomer Road Roundabout to Hennebry's Cross	3.6	8	28800	10	0.29		
4	Salt N78	Hennebry's Cross to Cretvard (Co. Bounds)	20	8	160000	10	1.60		
5	Drive N78	Cretvard (Co. Bounds) to Castlecomer (N78/R694) Junction	20	0	0	10	0.00		
6	Salt R694	Castlecomer to Ballyragget	11	8	88000	10	0.88		
7	Salt N77	Ballyragget (N77/R694) Junction to Hennebry's Cross	11	8	88000	10	0.88		
8	Drive N77	Hennebry's Cross to Ballyragget (N77/R694) Junction	11	0	0	10	0.00		
9	Salt N77	Ballyragget to Ballacandra (Co. Bounds)	6.1	8	48800	10	0.49		
10	Drive N77	Ballacandra (Co. Bounds) to Durrus	2.4	0	0	10	0.00		
11	Drive R639	Durrus to County Bounds at Cullahill	9	0	0	10	0.00		
12	Salt R639	County Bounds at Cullahill to County Bounds at Urlingford	11.3	8	90400	10	0.90		
13	Drive R639	County Bounds at Urlingford to Johnstown	4.4	0	0	10	0.00		
14	Salt R435	Johnstown to Ministers Cross	3.7	8	29600	10	0.30		
15	Salt R693	Ministers Cross to M8 Junction 4 at Urlingford	4.8	8	38400	10	0.38		
16	Drive R693	M8 Junction 4 at Urlingford to Ministers Cross	4.8	0	0	10	0.00		
17	Salt R693/R695	Ministers Cross to Troysgate Roundabout	23.3	8	186400	10	1.86		
18	Salt R693	Troysgate Roundabout to Newpark Drive Roundabout	1.1	8	8800	10	0.09		
19	Salt L	Newpark Drive Roundabout to Johnswell Rd Roundabout	1.1	8	8800	10	0.09		
20	Drive N77	Johnswell Road Roundabout to New Orchard Road Roundabout	0.8	0	0	10	0.00		
21	Salt L	New Orchard Road, Old Golf Links Road & Ballybough Street	2	8	16000	10	0.16		
22	Drive	Castlecomer Road to Junction for CAS bridge	0.1	0	0	0	0.00		
23	Salt R693/R695	Junction to CAS bridge Dean Street Roundabout via Irishtown	1.4	8	11200	10	0.11		
24	Salt L	Granges Road to Freshford Road	1.2	8	9600	10	0.10		
25	Drive R693	Freshford Road to Troysgate	0.85	0	0	0	0.00		
26	Salt	Vicar St	0.19	8	1520	10	0.02		
27	Salt	Junction of Vicar St and Dean St over CAS bridge	0.65	8	5200	10	0.05		
28	Drive	Junction for CAS bridge on Castlecomer Rd to Newpark Drive Roundabout via Roundabout at Army Barracks	0.75	0	0	0	0.00		
29	Salt	Pennyfeather Way	0.5	8	4000	10	0.04		
30	Drive	Nolan Park to Machinery Yard	1.1	8	8800	10	0.09		
Total Distance Travelled			164.44						
Total distance salted			107.04		865120		8.65		



KILKENNY COUNTY COUNCIL
Comhairle Chontae Chill Chainnigh
ROAD DESIGN SECTION,
1 DEAN STREET
KILKENNY.

Rev	By	Date	Description

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