

Agenda Item	<b>8</b>
Report No	<b>RC/030/17</b>

## **HIGHLAND COUNCIL**

**Committee:** Ross & Cromarty

**Date:** 31 October 2017

**Report Title:** Roads Maintenance Programme 2018/19

**Report By:** Director of Community Services

### **1 Purpose/Executive Summary**

1.1 This report details the proposed 2018/19 Roads Maintenance Programme for Ross and Cromarty.

### **2 Recommendations**

2.1 Members are asked to approve the proposed 2018/19 Roads Maintenance Programme Ross and Cromarty.

### 3 Background

- 3.1 This report outlines the proposed road maintenance programme for 2018/19 in accordance with the approved budget.
- 3.2 The Community Services Committee local allocations budget has not yet been determined. Consequently the roads maintenance programme was based on the 2017/18 budget. Should the budget change then the programme will either be curtailed or increased as appropriate.

The approved 2017/18 Community Services Committee local allocations budget can be found in **Appendix 1** to this report.

### 4 Budget Allocation

4.1 The Road Maintenance budgets are allocated under the following headings:-

- Winter Maintenance (Revenue)
- Cyclic Maintenance (Revenue) including:
  - Verge Maintenance
  - Road Marking Renewal
  - Sign Maintenance
  - Drainage Maintenance
  - Gully Cleansing
  - Footpath Maintenance
  - Patching Repairs
  - Bridge Maintenance
  - Other Cyclic and Routine Maintenance
- Structural Maintenance (Capital) including:
  - Capital Budget No 1
    - Structural – Resurfacing (Overlay/Inlay)
    - Structural Integrity Improvements
    - Surface Dressing
    - Footway Maintenance
  - Capital Budget No 2
    - Structural Road Maintenance based on Road Condition Surveys
  - Capital Budget No 3
    - Resurfacing for 'A' and 'B' roads

4.2 For operational purposes this report combines the budget allocations for Capital Budgets 1, 2 and 3.

### 5 Road Structural Maintenance Programme

5.1 Schemes were selected for inclusion in these programmes on the basis of need using information gathered from the following sources and have been prioritised with the safety of the travelling public and sustainability of the road network as the main objectives.

- Scottish Road Maintenance Condition Survey (SRMCS) data.
- Safety Inspections
- Service Inspections

- Input and feedback from Ward Members
- Consultation with Community Councils

As requested at the 15 August 2017 Ross and Cromarty Committee all community councils have been asked to submit suggested schemes. However due to the time constraints only limited responses have been received to date. Together with the other sources, these suggestions will form the basis of future programmes.

The 2018/19 programme is included in **Appendix 2**.

## **6 Implications**

- 6.1 Resource - All work will be managed within budget allocations from a resource perspective with the Council delivering its legal responsibilities.
- 6.2 Legal - The combined programme for Structural Resurfacing and Structural Integrity Improvements enables the Council to meet its duty under the Roads (Scotland) Act 1984 within the Local Committee area.
- 6.3 Community (Equality, Poverty and Rural) - This report has no impact on communities.
- 6.4 Climate Change/Carbon Clever - This report has no impact on climate change or carbon clever considerations.
- 6.5 Risk - There are no risks associated with this report.
- 6.6 Gaelic - This report has no impact on Gaelic considerations.

Designation: Director of Community Services

Date: 02 October 2017

Author: Iain Moncrieff, Roads Operations Manager

## 2017/18 Community Services Local Allocations Budget

Roads Budget Allocation - Year 2017/18 - Ver 1.1 (Final)

Item	Description	Total	HQ	Caithness	Sutherland	Ross & Cromarty	Island of Skye	Nairn	Badenoch & Strathspey	Lochaber	Inverness
	Parameters										
(a)	Total Road Length (km)	6,747		761.2	1,336.8	1,651.1	618.2	303.4	387.3	670.4	1,018.9
(b)	Urban Road Length (km)	1,106		108.5	109.8	304.4	35.0	55.2	71.3	73.1	348.4
(c)	Number of Bridges	1,332		93	282	308	112	32	96	230	179
(d)	Population (Year 2011)	232,132		26,486	13,820	56,666	10,177	12,566	13,664	19,930	78,823
(e)	Gullies (WDM db)	44,610		4,835	2,491	11,522	878	2,006	2,653	3,653	16,572
(f)	Winter Allocation	100%	1.63%	10.81%	20.79%	22.13%	11.06%	2.17%	8.64%	5.58%	17.19%
(g)	Weighted Mileage	100%		10.97%	19.50%	24.36%	8.81%	4.46%	5.65%	9.93%	16.33%
(h)	Watercourse	100%		11.07%	16.49%	24.37%	7.82%	4.67%	5.70%	9.63%	20.25%
(i)	Structural Maint. (SRMCS)	100%		10.61%	17.38%	22.53%	11.68%	4.17%	5.93%	12.19%	15.51%
(j)	Surface Dressing (SRMCS)	100%		12.43%	11.38%	21.13%	11.59%	4.46%	8.68%	12.70%	17.62%
	<b>REVENUE</b>										
(k)	Winter Allocation	£4,981,756	£81,256	£538,686	£1,035,459	£1,102,447	£550,970	£107,912	£430,403	£278,048	£856,575
(l)	Cyclic Maintenance	£5,156,389	£20,000	£563,494	£1,001,698	£1,251,177	£452,266	£228,969	£290,066	£509,796	£838,923
(m)	Drainage	£203,588		£22,335	£39,704	£49,592	£17,926	£9,076	£11,497	£20,206	£33,252
(n)	Jetpatcher (THC vehicle)	£100,000		£11,282	£19,812	£24,471	£9,162	£4,497	£5,740	£9,936	£15,101
(o)	Gully Emptying	£300,000		£32,515	£16,752	£77,485	£5,905	£13,490	£17,841	£24,566	£111,446
(p)	Bridges - Structural Maintenance	£607,042		£42,384	£128,518	£140,367	£51,043	£14,584	£43,751	£104,820	£81,577
(q)	Bridges - Principal Inspections	£100,000	£100,000								
(r)	Safety Barriers (Bid to HQ)	£250,000	£250,000								
(s)	Water Course Maintenance (Bid to HQ)	£250,000	£250,000								
	<b>Total Revenue Budget</b>	<b>£11,948,775</b>	<b>£701,256</b>	<b>£1,210,696</b>	<b>£2,241,942</b>	<b>£2,645,539</b>	<b>£1,087,271</b>	<b>£378,527</b>	<b>£799,297</b>	<b>£947,373</b>	<b>£1,936,873</b>
	<b>Capital Budget No 1 (£4.5m)</b>										
(t)	Structural - Overlay/Inlay	£1,150,000		£121,977	£199,894	£259,121	£134,365	£47,991	£68,143	£140,193	£178,315
(u)	Structural Integrity Improvements	£1,500,000		£0	£0	£654,938	£349,156	£0	£0	£0	£496,949
(v)	Surface Dressing	£1,500,000		£345,555	£431,420	£0	£0	£129,482	£219,077	£373,422	£0
(w)	Bridge Maintenance (HQ/Structures)	£350,000	£350,000								
	<b>Sub-Total Capital Budget No 1</b>	<b>£4,500,000</b>	<b>£350,000</b>	<b>£467,532</b>	<b>£631,314</b>	<b>£914,059</b>	<b>£483,521</b>	<b>£177,474</b>	<b>£287,220</b>	<b>£513,615</b>	<b>£675,264</b>
	<b>Capital Budget No 2 (£2.7m Year 2)</b>										
(x)	Structural Road Maint (SRMCS)	£2,250,000		£238,651	£391,097	£506,975	£262,889	£93,896	£133,324	£274,291	£348,877
(y)	Road Markings	£150,000	£150,000								
(z)	Bridge Maintenance (Structures/Areas)	£300,000	£300,000								
	<b>Sub-Total Capital Budget No 2</b>	<b>£2,700,000</b>	<b>£450,000</b>	<b>£238,651</b>	<b>£391,097</b>	<b>£506,975</b>	<b>£262,889</b>	<b>£93,896</b>	<b>£133,324</b>	<b>£274,291</b>	<b>£348,877</b>
	<b>Capital Budget No 3 (£1m)</b>										
(aa)	Timber Transport Routes (STTS)	£500,000	£500,000								
(ab)	Structural - Overlay/Inlay (A & B Roads)	£500,000		£53,034	£86,910	£112,661	£58,420	£20,866	£29,628	£60,954	£77,528
	<b>Sub-Total Capital Budget No 3</b>	<b>£1,000,000</b>	<b>£500,000</b>	<b>£53,034</b>	<b>£86,910</b>	<b>£112,661</b>	<b>£58,420</b>	<b>£20,866</b>	<b>£29,628</b>	<b>£60,954</b>	<b>£77,528</b>
	<b>Total Capital Budget</b>	<b>£8,200,000</b>	<b>£1,300,000</b>	<b>£759,217</b>	<b>£1,109,321</b>	<b>£1,533,695</b>	<b>£804,830</b>	<b>£292,236</b>	<b>£450,172</b>	<b>£848,860</b>	<b>£1,101,669</b>

## Appendix 2

### 2018/19 Roads Maintenance Programme

No	Ward	Route	Location		Length (m)	Width (m)	Area (sq m)	Operation
1	5	A832	Fain		500	7	3500	Surface Dressing on road
2	5	A832	Aultbea Tops-Gruniard		500	6	3000	Surface Dressing on road
3	5	A832	Drumrunie Jct N		1000	6	6000	Surface Dressing on road
4	5	A832	Dumrunie Jct S		1000	6	6000	Surface Dressing on road
5	5	A832	Viewpoint E of Kinlochewe westwards		1000	6	6000	Surface Dressing on road
6	5	A832	Loch Maree		2000	6	12000	Surface Dressing on road
7	5	A832	Badcaul Jct East				500	Machine patching on road
8	5	A832	Fain		500	6	3000	Overlay on road
9	5	A834	Strathpeffer - Achterneed		1000	6	6000	Surface Dressing on road
10	5	A835	Morefield Land fill Jct-Bridge				500	Machine patching on road
11	5	A890	Achnashellach				500	Machine patching on road
12	5	A896	Shieldaig		4000	6	24000	Surface Dressing on road

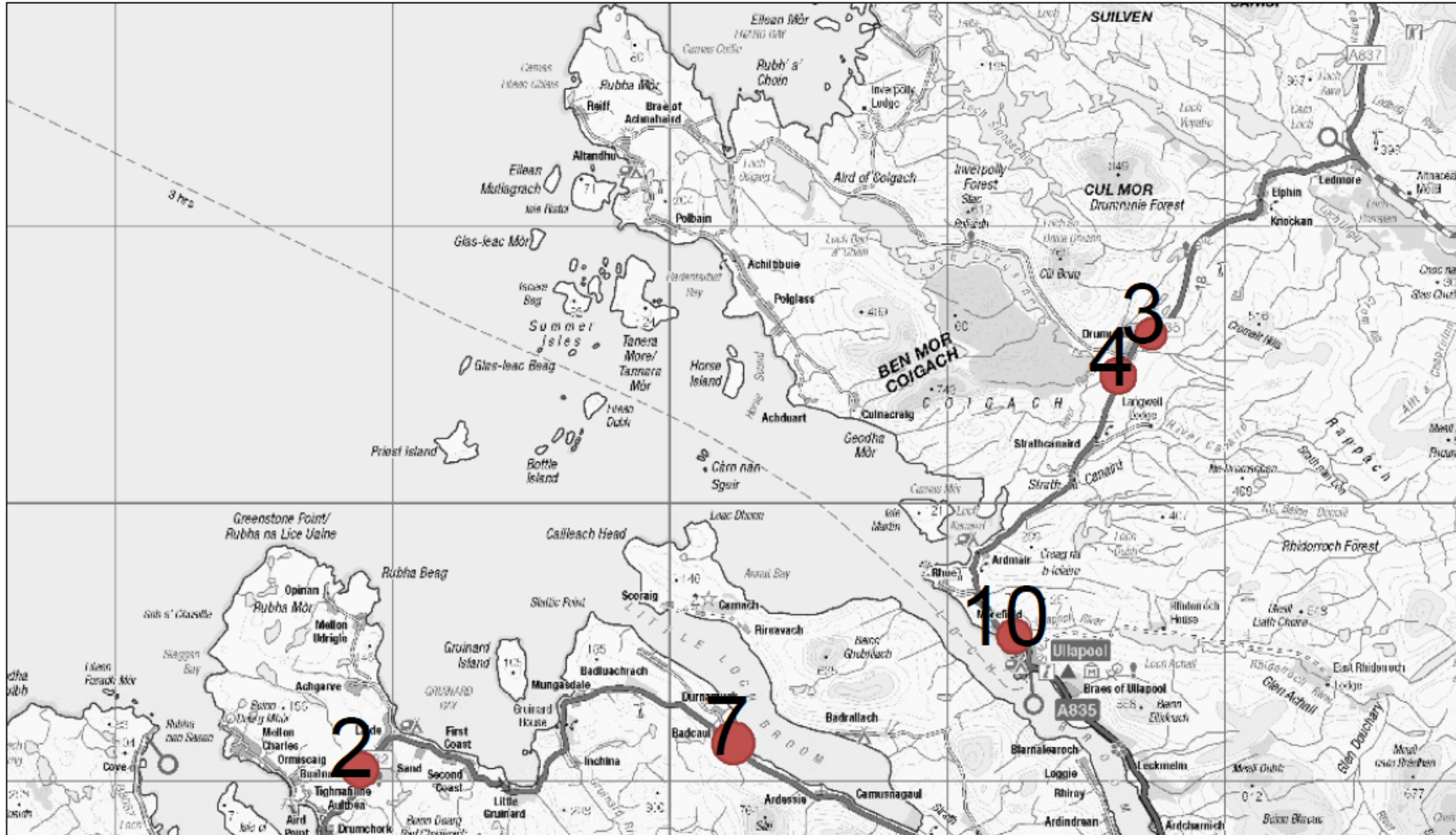
13	5	C1083	Diabaig Rd	Lower Diabeg	1000	3.5	3500	Surface Dressing on road
14	5	C1083	Diabaig Rd	S of Loch	800	3.5	2800	Surface Dressing on road
15	5	C1087	Bealach		2000	3.5	7000	Surface Dressing on road
16	5	C1224	Glenelg Village		1000	6	6000	Surface Dressing on road
17	5	Various	Strathconon		1000	3.5	3500	Surface Dressing on road
18	5	Various	Gairloch Village		300	2	600	Slurry seal on footway
19	5	Various	Lochcarron Village		300	2	600	Slurry seal on footway
20	6	A862	Kincraig - Mineral Bridge		1000	6	6000	Surface Dressing on road
21	6	B817	Evanton Village		800	6	4800	Surface Dressing on road
22	6	C1059	Pitmaduthy - Grantfield		2000	3	6000	Surface Dressing on road
23	6	U1890	Lamington Quarry Road East		1000	3	3000	Surface Dressing on road
24	6	U1967	Westford R'bout		500	6	3000	Inlay on road
25	6	U2002	Livera St	Evanton	250	5.4	1350	Inlay on road
26	6	U2007	Woodlands Pelaig Culbin		1500	3	4500	Surface Dressing on road
27	6	U4242	Invergordon Saltburn Distributor		1000	8	8000	Surface Dressing on road
28	6	U4242	Old Smelter Rd	Invergordon	500	6	3000	Inlay on road
29	6	Various	Alness		500	2	1000	Slurry seal on footway
30	7	B9169	Balintore - Fearn				500	Machine patching on road

31	7	B9174	Morangie Rd	from Hill St, Tain			500	Inlay on road
32	7	B9175	Arabella & Nigg Station		1100	7.7	8470	Surface Dressing on road
33	7	B9175	Nigg - Ankerville		1600	6	9600	Overlay on road
34	7	C1004	Tarrel		2000	6	12000	Surface Dressing on road
35	7	C1023	Drummond Rd	Tain	500	5	2500	Surface Dressing on road
36	7	Various	Tain		500	2	1000	Slurry seal on footway
37	8	A832	Craig Rd Dingwall		810	7	5670	Inlay on road
38	8	A862	Dingwall - Maryburgh		1500	7.3	10950	Surface Dressing on road
39	8	B9163	Braes of Conon		2000	6	12000	Surface Dressing on road
40	8	C1071	Docherty Rd	Dingwall	2000	6	12000	Surface Dressing on road
41	8	C1213	Old Evanton Rd	Dingwall	2000	5.5	11000	Surface Dressing on road
42	8	U3019	Riverbank Rd	Conon Br	650	6.5	4225	Surface Dressing on road
43	8	U3029	Wyvis Crescent	Conon Br	650	5.5	3575	Surface Dressing on road
44	8	U3030	Windsor Place	Conon Br	470	6	2820	Surface Dressing on road
45	8	U4451	Simpson Pl	Dingwall	170	6	1020	Surface Dressing on road
46	8	U4439	Woodlands Rd	Dingwall	500	2	1000	Slurry seal on footway
47	8	A862	Great North Rd Muir of Ord	PO-Urry Ho	500	2	1000	Slurry seal on footway

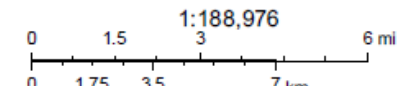
48	9	A832	Manse Brae - Rosemarkie		2000	6	12000	Surface Dressing on road
49	9	B9161	Munlochy - Suddie		550	6	3300	Surface Dressing on road
50	9	B9163	Jemimaville		300	6	1200	Overlay on road
51	9	C1218	Marine Terrace	Rosemarkie	1400	4	5600	Surface Dressing on road
52	9	U2481	Braehead	Cromarty	300	4	1200	Surface Dressing on road
53	9	U2490	Shore St	Cromarty	370	7	2590	Surface Dressing on road
54	9	U2498	Townlands Park	Cromarty	220	6	1320	Surface Dressing on road
55	9	U2556	Mackenzie Place	Avoch	370	6	2220	Surface Dressing on road
56	9	U2722	Braepark Rd	Munlochy	470	6	2820	Surface Dressing on road
57	9	Various	Culbokie Village		2000	6	12000	Surface Dressing on road
58	9	C1219	Marine Terrace	Cromarty	1200	2	2400	Slurry seal on footway
59	9	B9163	Bayview Crescent	Cromarty	500	2	800	Slurry seal on footway



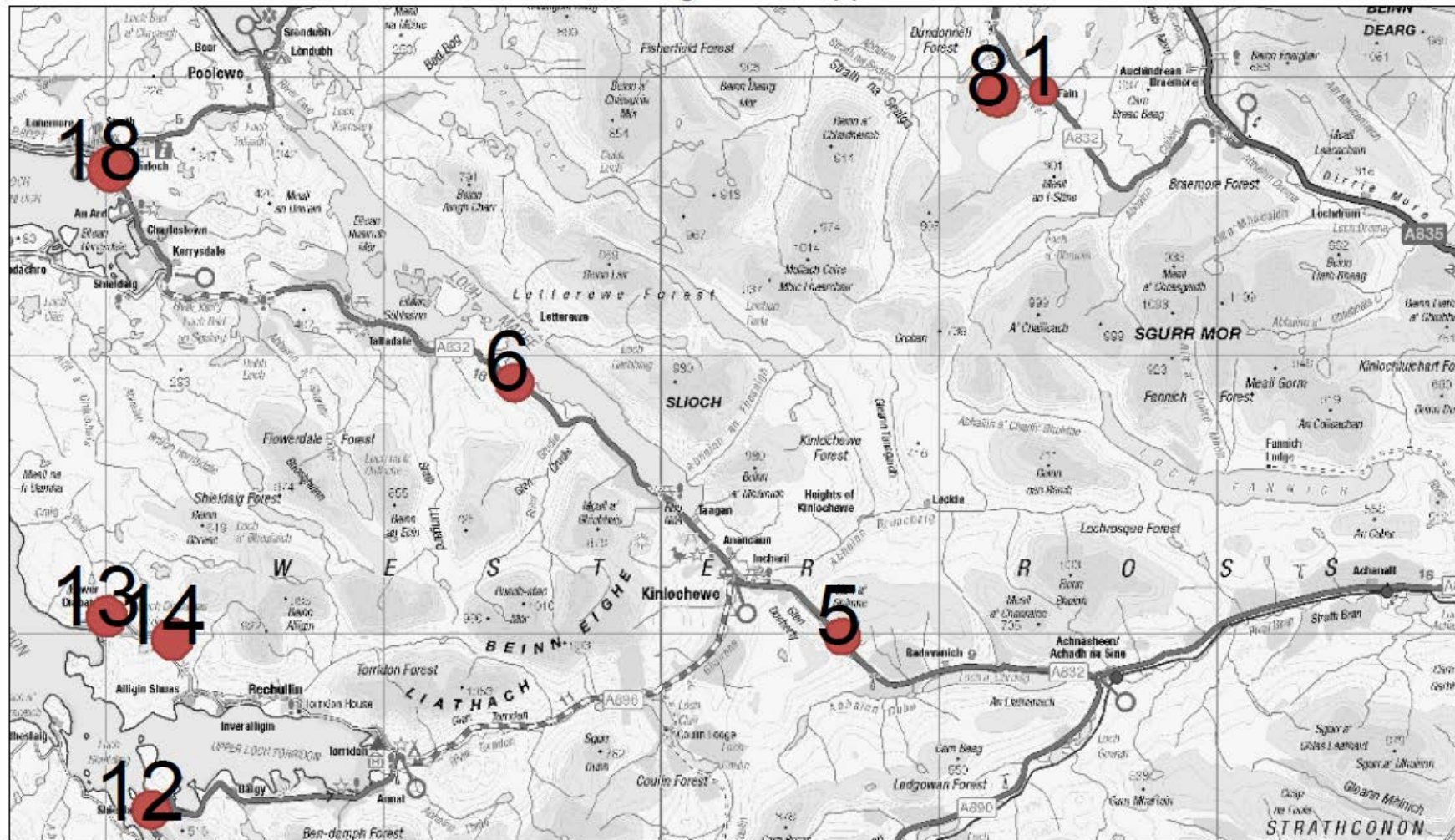
# 2018/19 Roads Maintenance Programme Appendix 2 North Wester Ross



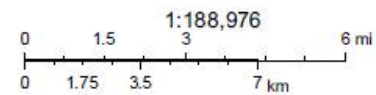
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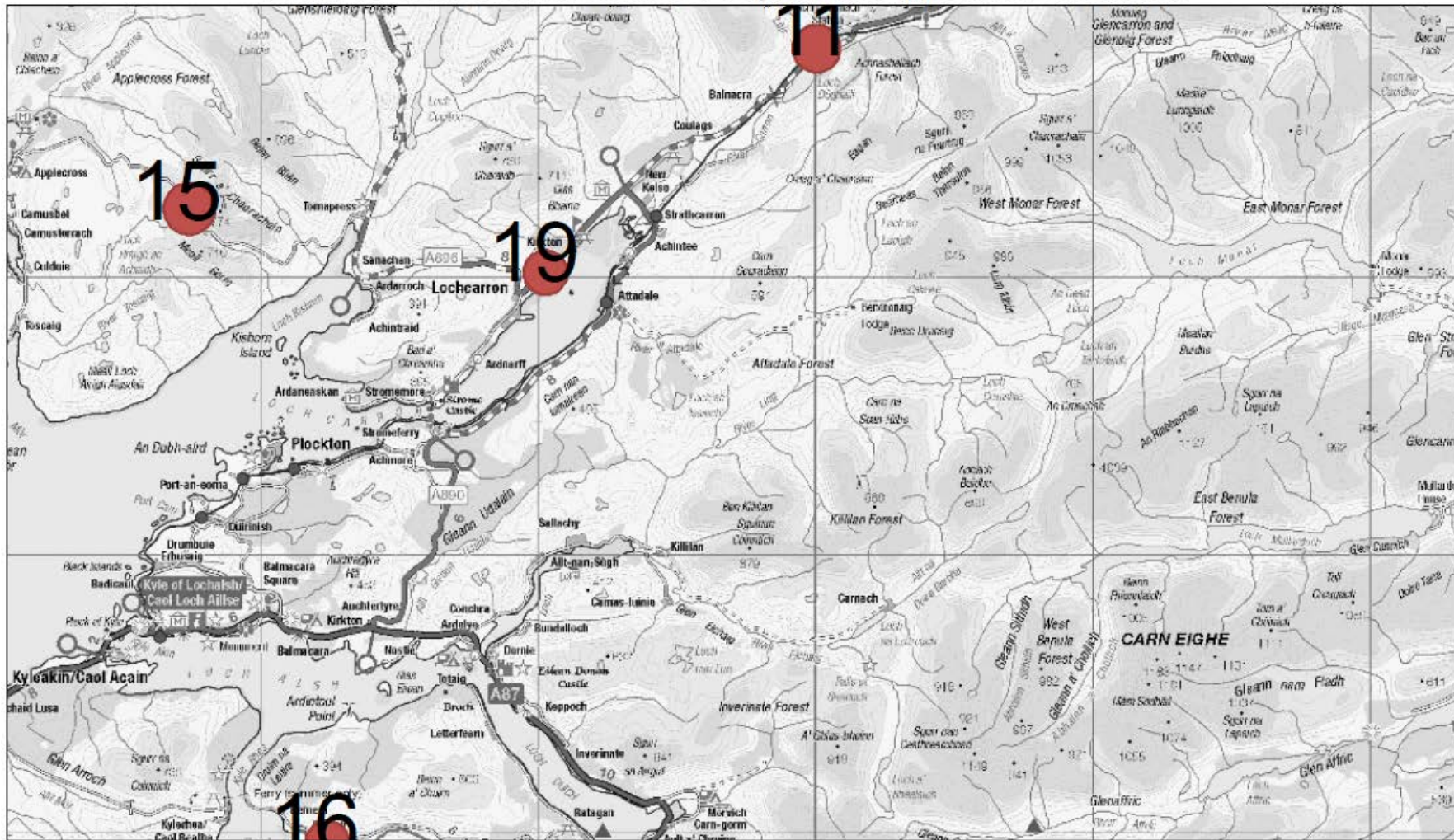
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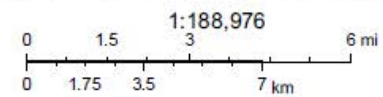
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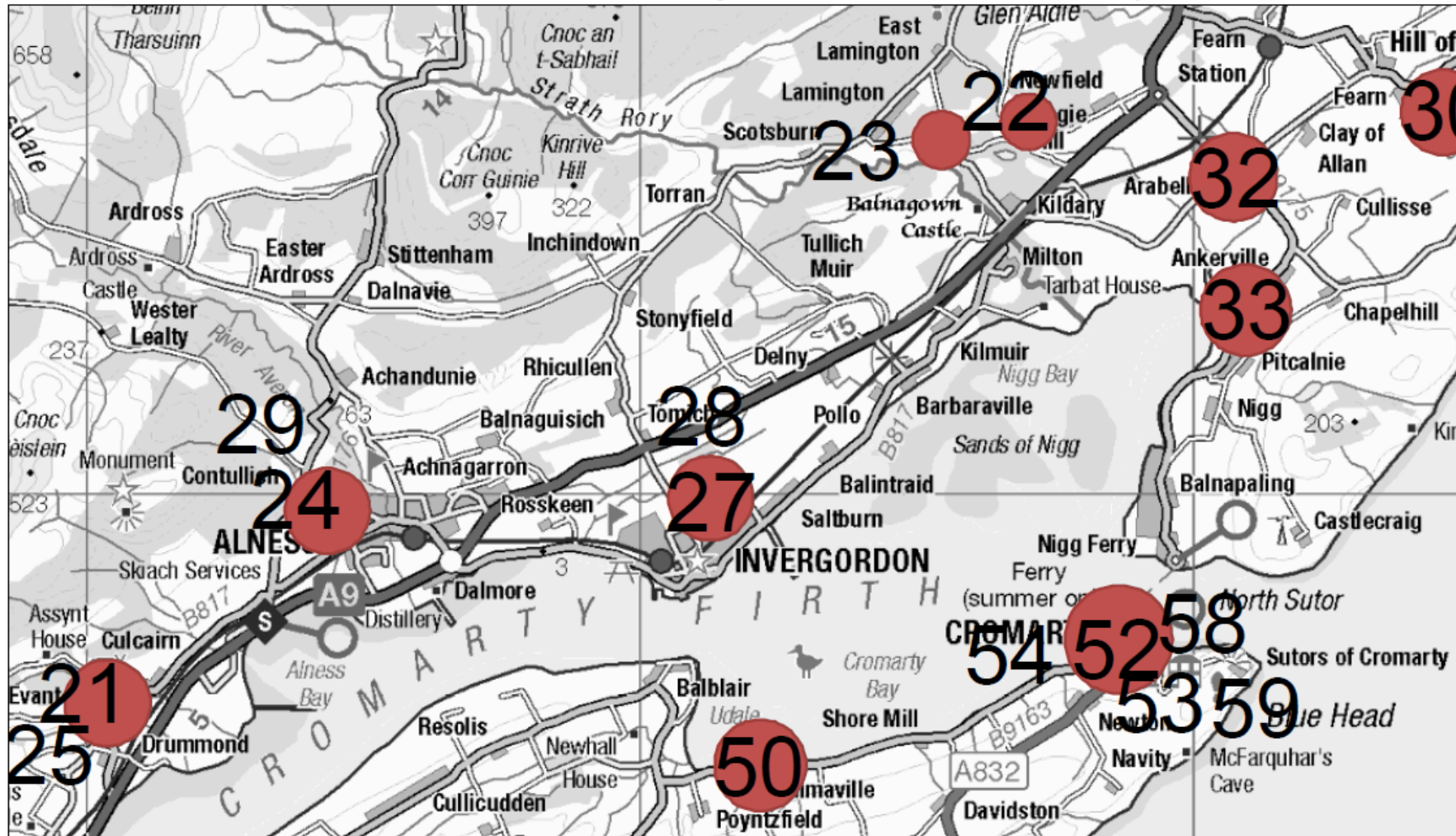
## 2018/19 Roads Maintenance Programme Appendix 2 Lochalsh



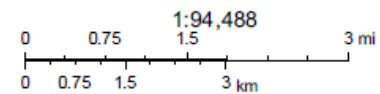
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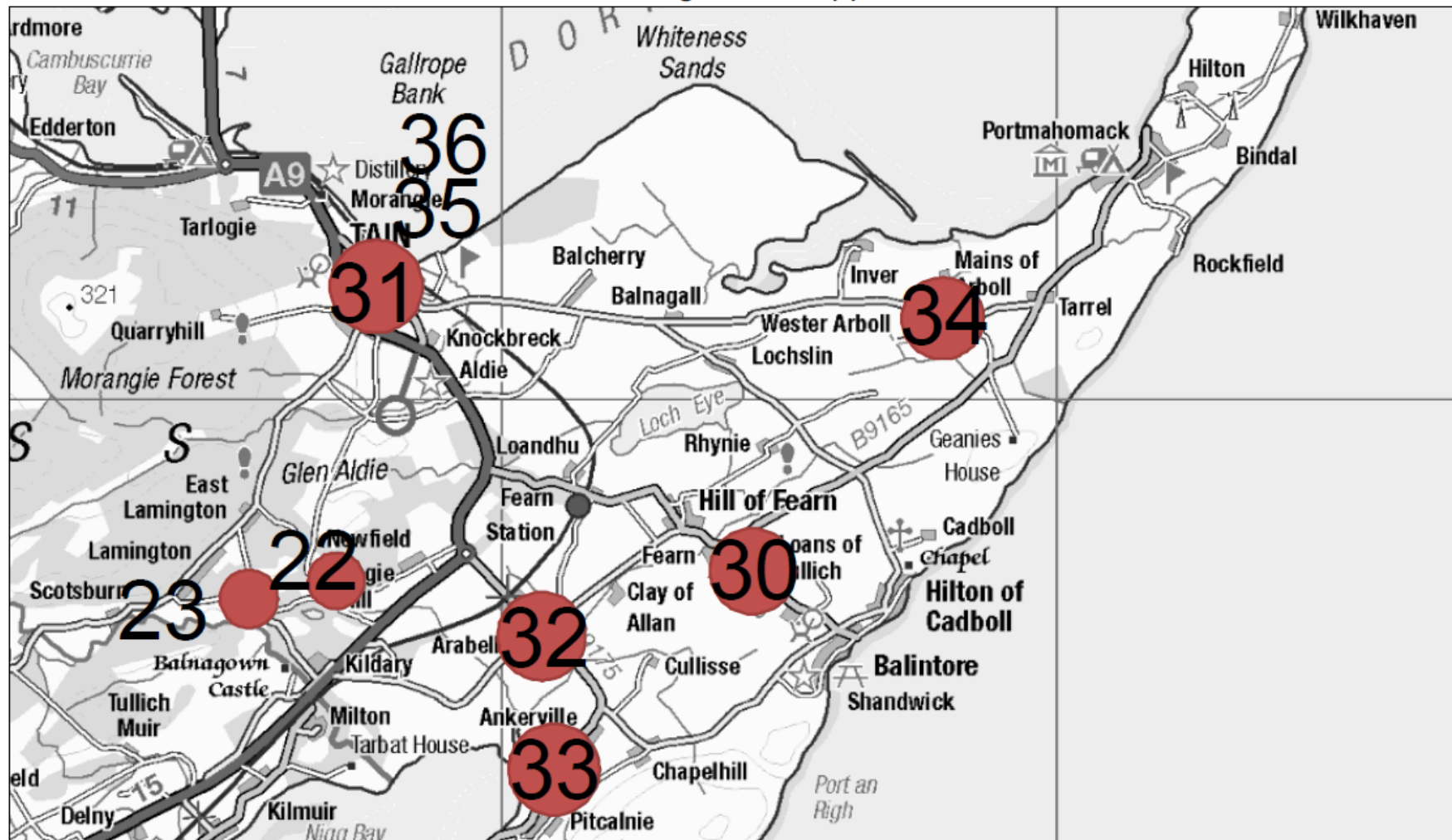
## 2018/19 Roads Maintenance Programme Appendix 2 Cromarty Firth



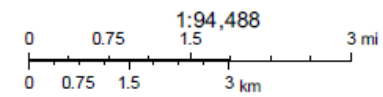
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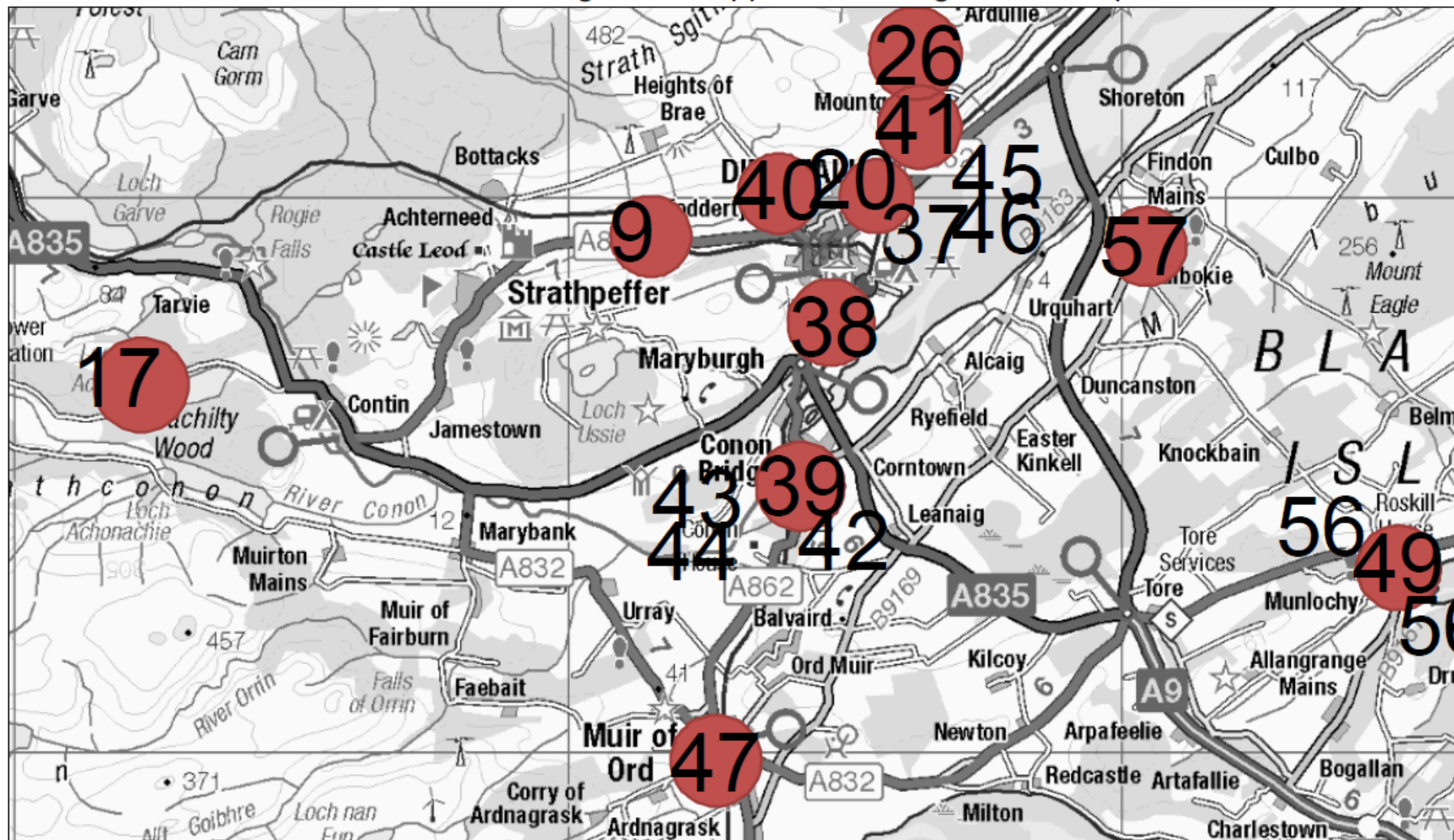
# 2018/19 Roads Maintenance Programme Appendix 2 Tain & Easter Ross



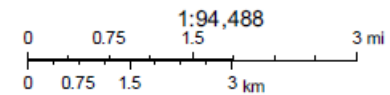
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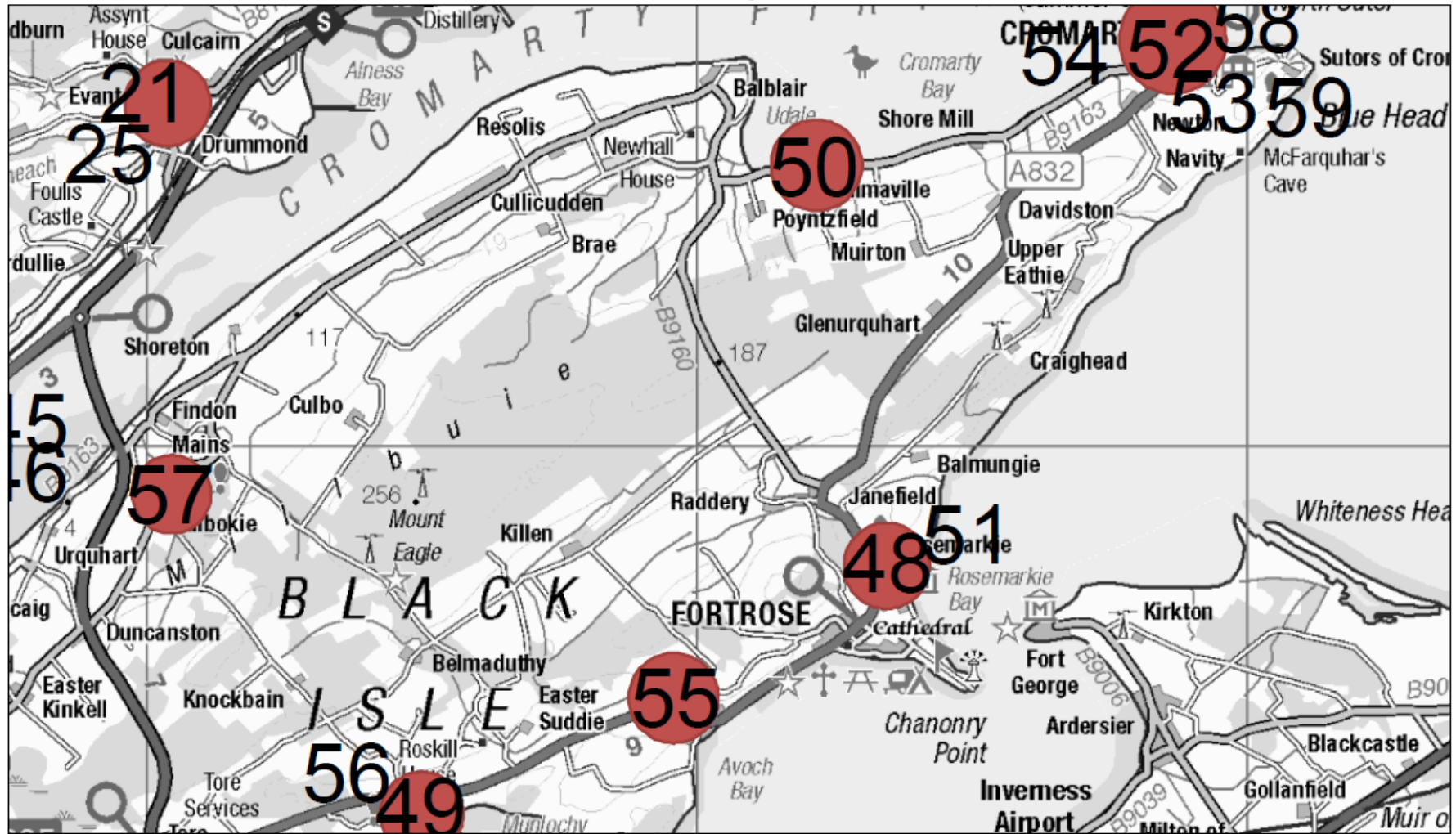
# 2018/19 Roads Maintenance Programme Appendix 2 Dingwall, Strathpeffer & Seaforth



October 5, 2017



2018/19 Roads Maintenance Programme Appendix 2 Black Isle



October 5, 2017

