

Agenda item	6
Report no	RC/018/17

THE HIGHLAND COUNCIL

Committee: Ross and Cromarty Committee

Date: 15 August 2017

Report Title: Ross and Cromarty Roads Maintenance Programme

Report By: Director of Community Services

1 Purpose/Executive Summary

This report invites Members to approve the proposed Maintenance Programme for Roads and Bridges for the Ross and Cromarty Area for 2017/18.

2 Recommendations

Members are asked to approve the Maintenance Programmes for Roads and Bridges for the Ross and Cromarty Area for 2017/18.

3 Background

- 3.1 This report outlines the proposed road maintenance programme for 2017/18 in accordance with the approved budget.
- 3.2 The approved Community Services Committee local allocations budget can be found at **(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
 - 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 **(Appendix 2)**.

- Scottish Road Maintenance Condition Survey (SRMCS) data.
- Safety Inspections
- Service Inspections
- Input and feedback from Ward Members

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 equality and poverty considerations. However, there may be rural considerations where the lower road usage levels and distances between communities reduce the opportunity to maximize the impact of investment decisions when compared to more densely populated area /roads with greater usage levels.
- 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: 25 July 2017

Author: Iain Moncrieff, Road Operations Manager,
Skye and Ross and Cromarty

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

	Description	Total	HQ	Caithness	Sutherland	Ross & Cromarty	Island of Skye	Nairn	Badenoch & Strathpey	Lochaber	Inverness
	Parameters										
(w)	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
(x)	Urban Road Length (km)	1,106		108.5	109.8	304.4	35.0	55.2	71.3	73.1	348.4
(y)	Number of Bridges	1,332		93	282	308	112	32	96	230	179
(z)	Population (Year 2011)	232,132		26,486	13,820	56,666	10,177	12,566	13,664	19,930	78,823
(aa)	Gullies (VDM db)	44,610		4,835	2,491	11,522	878	2,006	2,653	3,653	16,572
(ab)	Winter Allocation	100%	1.63%	10.81%	20.79%	22.13%	11.06%	2.17%	8.64%	5.58%	17.19%
(ac)	Weighted Mileage	100%		10.97%	19.50%	24.36%	8.81%	4.46%	5.65%	9.93%	16.33%
(ad)	Watercourse	100%		11.07%	16.49%	24.37%	7.82%	4.67%	5.70%	9.63%	20.25%
(ae)	Structural Maint. (SRMCS)	100%		10.61%	17.38%	22.53%	11.68%	4.17%	5.93%	12.19%	15.51%
(af)	Surface Dressing (SRMCS)	100%		12.43%	11.38%	21.13%	11.59%	4.46%	8.68%	12.70%	17.62%
	REVENUE										
(ag)	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
(ah)	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
(ai)	Drainage	£203,588		£22,335	£39,704	£49,592	£17,926	£9,076	£11,497	£20,206	£33,252
(aj)	Jetpatcher (THC vehicle)	£100,000		£11,282	£19,812	£24,471	£9,162	£4,497	£5,740	£9,936	£15,101
(ak)	Gully Emptying	£300,000		£32,515	£16,752	£77,485	£5,905	£13,490	£17,841	£24,566	£111,446
(al)	Bridges - Structural Maintenance	£607,042		£42,384	£128,518	£140,367	£51,043	£14,584	£43,751	£104,820	£81,577
(am)	Bridges - Principal Inspections	£100,000	£100,000								
(an)	Safety Barriers (Bid to HQ)	£250,000	£250,000								
(ao)	Water Course Maintenance (Bid to HQ)	£250,000	£250,000								
	Total Revenue Budget	£11,948,775	£701,256	£1,210,696	£2,241,942	£2,645,539	£1,087,271	£378,527	£799,297	£947,373	£1,936,873
	Capital Budget No 1 (£4.5m)										
(ap)	Structural - Overlay/Inlay	£1,150,000		£121,977	£199,894	£259,121	£134,365	£47,991	£68,143	£140,193	£178,315
(aq)	Structural Integrity Improvements	£1,500,000		£0	£0	£654,938	£349,156	£0	£0	£0	£496,949
(ar)	Surface Dressing	£1,500,000		£345,555	£431,420	£0	£0	£129,482	£219,077	£373,422	£0
(as)	Bridge Maintenance (HQ/Structures)	£350,000	£350,000								
	Sub-Total Capital Budget No 1	£4,500,000	£350,000	£467,532	£631,314	£914,059	£483,521	£177,474	£287,220	£513,615	£675,264
	Capital Budget No 2 (£2.7m Year 2)										
(at)	Structural Road Maint (SRMCS)	£2,250,000		£238,651	£391,097	£506,975	£262,889	£93,896	£133,324	£274,291	£348,877
(au)	Road Markings	£150,000	£150,000								
(av)	Bridge Maintenance (Structures/Areas)	£300,000	£300,000								
	Sub-Total Capital Budget No 2	£2,700,000	£450,000	£238,651	£391,097	£506,975	£262,889	£93,896	£133,324	£274,291	£348,877
	Capital Budget No 3 (£1m)										
(aw)	Timber Transport Routes (STTS)	£500,000	£500,000								
(ax)	Structural - Overlay/Inlay (A & B Roads)	£500,000		£53,034	£86,910	£112,661	£58,420	£20,866	£29,628	£60,954	£77,528
	Sub-Total Capital Budget No 3	£1,000,000	£500,000	£53,034	£86,910	£112,661	£58,420	£20,866	£29,628	£60,954	£77,528
	Total Capital Budget	£8,200,000	£1,300,000	£759,217	£1,109,321	£1,533,695	£804,830	£292,236	£450,172	£848,860	£1,101,669

Draft Structural Overlay/Inlay and Structural Integrity Improvements 2016/17

Ward	Capital Budget No	Route	Location	Length (m)	Width (m)	Area (sq m)	Operation	Status
5	1	A832	Gruinard Burial Ground	100	5.5	550	Inlay	
5	1	A832	Gairloch Village	400	6	2400	Inlay	
5	1	C1087	Bealach na Ba	500	3.5	1750	Overlay	
5	1	C1223	Glenelg Village Road/Footway	250	5	1250	Inlay	
5	1	U3132	Loch Luichart Stn Road	150	3	450	Recycle	
5	1	U3674	Mellon Udrigle	500	3.5	1750	Overlay	Completed
5	1	U3705	Incheril Rd, Kinlochewe	150	3	450	Overlay	Completed
5	2	A890	Achertyre	1500	6	9000	Overlay	
5	3	A832	Aulbea opps Touraig Farm	100	5.5	550	Overlay	Completed
6	1	B817	Alness Main street	500	3	1500	Inlay	
6	1	B817	Saltburn	200	3	600	Inlay	
6	1	U1471	West Cottage - Achintoull	100	5.3	530	Overlay	
6	1	U1474	Roskean	100	3	300	Overlay	
6	1	U1971	Milnafua/Obsdale Junction	25	8	200	Inlay	
6	1	U1991	Glenglass Rd 1	173	2	346	Overlay	
6	1	U1991	Glenglass Rd 2	118	2	236	Overlay	
6	1	U1991	Glenglass Rd 3	335	2	670	Overlay	
6	1	U1991	Glenglass Rd 4	82	2	164	Inlay	
6	1	U2018	Skaich Service Stn	100	7	700	Inlay	
6	3	A and B	Various sites MP			2500	As required	
7	1	B9165	Burnside Cott-Balnaha Cott	502	5.1	2560.2	Overlay	
7	1	U1419	Balnagore Farm Rd 1	150	2.5	375	Overlay	
7	1	U1419	Balnagore Farm Rd 2	160	2.6	416	Overlay	
7	1	U1427	Balmuchy to Hilton Rd	230	3	690	Overlay	
7	1	U1454	Lower Pitkerrie Rd	502	3	1506	Overlay	
7	1	U1515	Parkland Place, Balintore	250	6	1500	Inlay	

7	1	U1891	White Lodge - Quarry	258	4.3	1109.4	Overlay	
7	1	U1891	Keepers Cott - Rookwood	207	4.3	890.1	Overlay	
7	1	U1898	Hartmount Holdings 1	40	1.3	52	Edge strengthening	
7	1	U1898	Hartmount Holdings 2	44	1.3	57.2	Edge strengthening	
7	3	B9176	Balintore - Hill of Fearn			300	Machine patching	
8	1		Newmore	420	3	1260	Overlay	Completed
8	1	B9163	Station Rd Connon	100	3	300	Machine patching	
8	1	U2978	Seaforth Rd, Muir of Ord	150	6	900	Inlay	
8	1	C1214	Craig Rd	200	1	200	Machine patching	
8	1	U4482	Ferry Road	320	6	1920	Inlay	Completed
8	2	A862	Ardullie - Dingwall	750	6	4500	Overlay	
8	3	A and B	Various sites MP			300	As required	
9	1	A862	Fairy Glen	800	6	4800	Overlay	
9	1	B9163	Culbokie - Balblair	300	2	600	Inlay	
9	1	C1031	Killen	749	3.5	2621.5	Overlay	Completed
9	1	U2505	Eathie	490	2.6	1274	Overlay	Completed
9	2	B9160	Munlochy High St	750	6	4500	Inlay	