

Agenda Item	9
Report No	BSAC/04/17

HIGHLAND COUNCIL

Committee: Badenoch and Strathspey Area

Date: 16 June 2017

Report Title: Badenoch & Strathspey Roads Maintenance Programme

Report By: Director of Community Services

1 Purpose/Executive Summary

- 1.1 This report describes the Badenoch & Strathspey Roads Maintenance Programme for 2017/18.

2 Recommendations

- 2.1 Members are asked to approve the Badenoch & Strathspey Roads Maintenance Programme for 2017/18.

3 Background

- 3.1 The 2017/18 budget allocation for road maintenance operations, and its distribution between the four Community Services Operational Areas, was agreed by the Community Services Committee at its meeting on 9 March 2017.
- 3.2 The proposed Community Services Committee area allocations can be found at **(Appendix 1)** to this report.
- 3.3 On 5 February 2015 the Community Services Committee agreed to approve the change to a 2 year cycle for the Principal Surfacing activities of Surface Dressing and Resurfacing. Maintenance programmes are prepared by the Area Community Services Manager in accordance with the principles set out in the Road Asset Management Plan for subsequent consultation and approval by Members.

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
 - Other Cyclic and Routine Maintenance
 - **Structural Maintenance (Capital)** including:
 - Structural – Resurfacing (Overlay/Inlay)
 - Structural Integrity Improvements
 - Surface Dressing
 - Bridge Maintenance
 - Road Construction Stability Improvements
- 4.2 For operational purposes this report combines the budget allocations for Structural Resurfacing and Structural Integrity Improvements. Both operations are precursors to Surface Dressing Operations in subsequent years.
- 4.3 Badenoch & Strathspey Area delivered one third of its Surface Dressing operation last year (2016/17) and in accordance with the 2 year cycle will deliver two thirds this year (2017/18). This two year cycle approach, as opposed to an all in the first year and then none the next approach, allows schemes to be accommodated in the second year where significant deterioration would otherwise occur were works not to be carried out until the following year. The area budget allocation has been prepared to enable preparation work for Surface Dressing in subsequent years to be undertaken with the Capital Structural budget (being split for patching, resurfacing schemes and road integrity improvement through drainage works). Therefore, this report focuses on the 2017/18 programmes for:
- Surface Dressing and Structural Improvements **(Appendix 2)**

5 Road Structural Maintenance Programmes

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

6 Bridge Maintenance

6.1 Only relatively minor works of a non-specialist, routine-maintenance type nature, are generally included in the works programme, such as parapet repairs for example. More significant works are included in the Capital Programme funded separately, identified during the programmed cycle of Principal and General Inspections of bridges in excess of 5.0 metres. Bridge Maintenance also includes repair and replacement of Cattle Grids.

5. Implications

5.1 Resource – From a resource perspective all work will be managed within budget allocations.

5.2 Legal – In meeting its duty under the Roads (Scotland) Act 1984 the combined programme for Structural Resurfacing and Structural Integrity Improvements enables the Council to deliver its legal responsibilities within the Operational Area.

5.3 Community (Equality, Poverty, Rural), Climate Change/Carbon Clever, Gaelic – This report has no impact on Community (Equality, Poverty), Climate Change/ Carbon Clever or Gaelic 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 areas/roads with greater usage levels.

5.4 Risk – The risk implications include a continued reduction in the standard of road conditions across the Badenoch & Strathspey area.

Designation: Director of Community Services

Date: 31/05/2017

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Lochaber, Nairn, Badenoch and Strathspey

APPENDIX 1 – Roads Budget Allocation 2017/18 approved by Community Services Committee on 09th March 2017

ROADS & COMMUNITY WORKS BUDGET ALLOCATION 2017/2018 - Version 1.1 (Final)												
		TOTAL	HQ HEADQUARTERS	NORTH		WEST		SOUTH			CITY INVERNESS	CHECK TOTAL
				CAITHNESS	SUTHERLAND	ROSS & CROMARTY	ISLAND OF SKYE	NAIRN	BADENOCH	LOCHABER		
ROAD MAINTENANCE (CAPITAL BUDGET NO.1)												
Structural Maintenance - Overlay / Inlay	C	£1,150,000	£0	£122,000	£200,000	£259,100	£134,300	£48,000	£68,100	£140,200	£178,300	£1,150,000
Structural Maintenance - Integrity Improvements	C	£1,500,000	£0	£0	£0	£654,900	£349,200	£0	£0	£0	£496,900	£1,501,000
Surface Dressing	C	£1,500,000	£0	£345,600	£431,400	£0	£0	£129,500	£219,100	£373,400	£0	£1,499,000
Bridge Maintenance	C	£350,000	£350,000	£0	£0	£0	£0	£0	£0	£0	£0	£350,000
Total Road Maintenance Budget No.1		£4,500,000	£350,000	£467,600	£631,400	£914,000	£483,500	£177,500	£287,200	£513,600	£675,200	£4,500,000
ROAD MAINTENANCE (CAPITAL BUDGET NO.2)												
Structural Road Maintenance (SRMCS)	C	£2,250,000	£0	£238,600	£391,100	£507,000	£262,900	£93,900	£133,300	£274,300	£348,900	£2,250,000
Road Markings	C	£150,000	£150,000	£0	£0	£0	£0	£0	£0	£0	£0	£150,000
Bridge Maintenance (Structures / Areas)	C	£300,000	£300,000	£0	£0	£0	£0	£0	£0	£0	£0	£300,000
Total Road Maintenance Budget No.2		£2,700,000	£450,000	£238,600	£391,100	£507,000	£262,900	£93,900	£133,300	£274,300	£348,900	£2,700,000
ROAD MAINTENANCE (CAPITAL BUDGET NO.3)												
Timber Transport Routes (STTS)	C	£500,000	£500,000	£0	£0	£0	£0	£0	£0	£0	£0	£500,000
Structural Maintenance - Overlay / Inlay (A&B Roads)	C	£500,000	£0	£53,000	£86,900	£112,700	£58,400	£20,900	£29,600	£61,000	£77,500	£500,000
Total Road Maintenance Budget No.2		£1,000,000	£500,000	£53,000	£86,900	£112,700	£58,400	£20,900	£29,600	£61,000	£77,500	£1,000,000
TOTAL CAPITAL		£8,200,000	£1,300,000	£759,200	£1,109,400	£1,533,700	£804,800	£292,300	£450,100	£848,900	£1,101,600	£8,200,000
ROAD MAINTENANCE (REVENUE)												
Surface Dressing	R	£0	£0	£0	£0	£0	£0	£0	£0	£0	£0	£0
Bridge Structural Maintenance	R	£607,000	£0	£42,400	£128,500	£140,400	£51,000	£14,600	£43,700	£104,800	£81,600	£607,000
Bridges Principal Inspections	R	£100,000	£100,000	£0	£0	£0	£0	£0	£0	£0	£0	£100,000
Total Road Maintenance		£707,000	£100,000	£42,400	£128,500	£140,400	£51,000	£14,600	£43,700	£104,800	£81,600	£707,000
CYCLIC												
Routine Maintenance	R	£5,156,400	£20,000	£563,500	£1,001,700	£1,251,100	£452,300	£229,000	£290,100	£509,800	£838,900	£5,156,400
Drainage	R	£203,600	£0	£22,300	£39,700	£49,600	£17,900	£9,100	£11,500	£20,200	£33,300	£203,600
Jetpatcher - THC Vehicle	R	£100,000	£0	£11,300	£19,800	£24,500	£9,200	£4,500	£5,700	£9,900	£15,100	£100,000
Gully Emptying	R	£300,000	£0	£32,500	£16,800	£77,500	£5,900	£13,500	£17,800	£24,600	£111,400	£300,000
Total Cyclic		£5,760,000	£20,000	£629,600	£1,078,000	£1,402,700	£485,300	£256,100	£325,100	£564,500	£998,700	£5,760,000
WINTER												
Total Winter	R	£4,981,800	£81,300	£538,700	£1,035,500	£1,102,400	£551,000	£107,900	£430,400	£278,000	£856,600	£4,981,800
OTHER												
Watercourse	R	£250,000	£250,000	£0	£0	£0	£0	£0	£0	£0	£0	£250,000
Safety Barriers	R	£250,000	£250,000	£0	£0	£0	£0	£0	£0	£0	£0	£250,000
Flood Alleviation	R	£0	£0	£0	£0	£0	£0	£0	£0	£0	£0	£0
Coast Protection	R	£0	£0	£0	£0	£0	£0	£0	£0	£0	£0	£0
Total Other		£500,000	£500,000	£0	£0	£0	£0	£0	£0	£0	£0	£500,000
TOTAL REVENUE		£11,948,800	£701,300	£1,210,700	£2,242,000	£2,645,500	£1,087,300	£378,600	£799,200	£947,300	£1,936,900	£11,948,800
GRAND TOTAL		£20,148,800	£2,001,300	£1,969,900	£3,351,400	£4,179,200	£1,892,100	£670,900	£1,249,300	£1,796,200	£3,038,500	£20,148,800
TOTAL AREA CAPITAL			£1,300,000	£1,868,600		£2,338,500		£1,591,300			£1,101,600	£8,200,000
TOTAL AREA REVENUE			£701,300	£3,452,700		£3,732,800		£2,125,100			£1,936,900	£11,948,800
AREA GRAND TOTAL			£2,001,300	£5,321,300		£6,071,300		£3,716,400			£3,038,500	£20,148,800

APPENDIX 2 - Surface Dressing & Resurfacing 2017/18 - Badenoch & Strathspey Area

No.	Route	Road Name	Treatment	Width (m)	Length (m)	Area (sq.m)	Funding
Surface Dressing							
1	C1126	Ski Road	Surface Dress	6	3,000	18,000	Roads Capital Budget No 1
2	B970	Nethy Ho. - Duack Lodge	Surface Dress	5.5	400	2,200	
3	B970	Castle Roy	Surface Dress	5.5	800	4,400	
4	C1119	Carr Rd, Carrbridge	Surface Dress	5.5	600	3,300	
5	C1124	Nethy Bridge - Corriehullie	Surface Dress	5	2,200	11,000	
6	B9152	Grampian Rd, Aviemore	Surface Dress	6.5	2,500	16,200	
7	U2099	Glenfeshie	Surface Dress	3.5	1500	5,250	
8	U2109	Drumguish	Surface Dress	3.2	600	1,920	
Impact Patching							
1		Various locations					
Resurfacing							
1	U3173	Dalf Ind Est Rd, Aviemore	Inlay	6.5	160	1,040	Roads Capital Budget No 1
2	U2686	Market Lane, Kingussie	Inlay	5.5	200	1,100	
3	C1135	Golf Course Rd at school	Inlay	8	60	480	
Structural Road Maintenance							
Overlay / Inlay/Strip-widening/Drainage							
1	-	Shankland Ct, Grantown	Drainage repairs				Roads Capital Budget No 2
2	B970	Inverdrue (part 1)	Overlay	5	500	2,500	
STTS/Structural A & B Roads							
Resurfacing							
1	B970	Inverdrue (part 2)	Overlay	5	300	1,500	Roads Capital Budget No 3