Agenda Item	6
Report No	BSAC/03/20

HIGHLAND COUNCIL

Committee: Badenoch & Strathspey Area

Date: 11 February 2020

Report Title: Roads Maintenance Programme 2020/21

Report By: Executive Chief Officer Communities and Place

1. Purpose/Executive Summary

1.1 This report details the proposed 2020/21 Roads Maintenance Programme for Badenoch & Strathspey Area.

2. Recommendations

2.1 Members are asked to approve the proposed 2020/21 Roads Maintenance Programme for Badenoch & Strathspey Area.

3. Implications

- 3.1 Resource All work will be managed within budget allocations from a resource perspective with the Council delivering its legal responsibilities.
- 3.2 Legal The Council undertakes the Road Maintenance Programme for the Badenoch and Strathspey area in its duty as local roads authority under the Roads (Scotland) Act 1984.
- 3.3 Community (Equality, Poverty and Rural) Due to the rural nature of the Highlands, communities and socio-economics depend on the roads network.
- 3.4 Climate Change / Carbon Clever Road Recycling plus preventative maintenance techniques such as Surface Dressing contribute more to sustainability than resource intensive requirements like Road Resurfacing (Overlay/Inlay).
- 3.5 Risk Increased deterioration of the road network correlates directly with lack of investment.
- 3.6 Gaelic no implications.

4. Background

- 4.1 This report outlines the proposed road maintenance programme for 2020/21 in accordance with the approved budget.
- 4.2 The Environment, Development and Infrastructure Committee local allocations budget has not yet been determined. Consequently, the roads maintenance programme is based on the 2019/20 budget. Should the budget change then the programme will either be curtailed or increased as appropriate.

The approved 2019/20 local allocations budget can be found in **Appendix 1** to this report.

5. Budget Allocation

- 5.1 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 (minor repairs and maintenance)
 - Other Cyclic and Routine Maintenance
 - Structural Maintenance (Capital) including:
 - Surface Dressing
 - Structural Resurfacing (Overlay/Inlay)
 - Structural Integrity Improvements
 - Additional Structural Road Maintenance
- 5.2 For operational purposes this report combines the budget allocations for Capital Budgets 1and 2.

6. Road Structural Maintenance Programme

- 6.1 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 and communities

6.2 The 2020/21 programme is included in **Appendix 2**.

> Designation: **Executive Chief Officer Communities and Place**

22 January 2020 Date:

Author:

Richard Porteous, Roads Operations Manager, (Lochaber, Nairn and Badenoch and Strathspey)

Roads Budget Allocation 2019/20

Description	Total	HQ	Caithness	Sutherland	Ross & Cromarty	Island of Skye	Nairn	Badenoch & Strathspey	Lochaber	Inverness
Parameters										
Total Road Length (km)	6,746		761.2	1,336.8	1,650.9	618.1	302.3	387.4	670.4	1,019.4
Urban Road Length (km)	1,113		124.1	109.8	305.1	35.0	54.6	71.4	72.0	341.0
Number of Bridges	1,332		93	282	308	112	32	96	230	179
Population(Year 2011)	232,132		26,486	13,820	56,666	10,177	12,566	13,664	19,930	78,823
Gullies (WDM db)	44,610		4,835	2,491	11,522	878	2,006	2,653	3,653	16,572
Winter Allocation	100%	1.62%	9.41%	21.69%	22.69%	9.99%	2.29%	9.36%	6.09%	16.85%
Weighted Mileage	100%		10.96%	19.49%	24.34%	8.80%	4.43%	5.65%	9.92%	16.42%
Watercourse	100%		11.06%	16.48%	24.36%	7.82%	4.65%	5.70%	9.62%	20.32%
Structural Maint. (SRMCS)	100%		10.35%	17.67%	22.40%	11.55%	4.37%	6.34%	11.26%	16.06%
Surface Dressing (SRMCS)	100%		11.98%	12.59%	20.06%	12.34%	4.35%	9.67%	11.12%	17.88%
REVENUE										
Winter Allocation	£4,980,000	£80,892	£468,849	£1,080,284	£1,129,716	£497,553	£114,283	£466,234	£303,236	£838,953
Cyclic Maintenance	£6,573,775	£20,000	£718,410	£1,277,192	£1,595,215	£576,624	£290,294	£369,980	£649,990	£1,076,071
Drainage	£200,000	220,000	£21,924	£38,976	£48,681	£17,597	£8,859	£11,291	£19,836	£32,838
Spray Injection (THC vehicle)	£100,000		£11,282	£19,815	£24,471	£9,162	£4,481	£5,742	£9,937	£15,110
Gully Emptying	£300.000		£32,515	£16,752	£77,485	£5,905	£13,490	£17,841	£24,566	£111,446
Bridges - Structural Maintenance	£480,000		£33,514	£101,622	£110,991	£40,360	£11,532	£34,595	£82,883	£64,505
Bridge Inspections	£200,000	£200,000	200,014	2101,022	2110,001	240,000	211,002	204,000	202,000	204,000
Cattle Grids (Bid to HQ)	£80,000	£80,000								
Safety Barriers (Bid to HQ)	£275,000	£275,000								
Water Course Maintenance (Bid to HQ)	£80.000	£80,000								
Asset Management (Mobile Working)	£60,000	£60,000								
Total Revenue Budget	£13,328,775	£795,892	£1,286,493	£2,534,641	£2,986,558	£1,147,200	£442,938	£905,682	£1,090,447	£2,138,923
Capital Budget (£6.2M)										
Structural - Overlay/Inlay	£3,090,000		£319,811	£545,901	£692,149	£356,953	£135,164	£195,758	£348,015	£496,248
Surface Dressing	£2,000,000		£239,652	£251,819	£401,155	£246,755	£87,054	£193,423	£222,497	£357,645
Timber Transport Routes (STTS)	£500,000	£500,000								
Bridge Maintenance (HQ/Structures)	£350,000	£350,000								
Road Markings	£60,000	£60,000								
Weather Stations (Icelert)	£50,000	£50,000								
Transportation Infrastructure(Bid to HQ)	£50,000	£50,000								
Cattle Grids(Bid to HQ)	£45,000	£45,000								
Safety Barriers (Bid to HQ)	£45,000	£45,000								
SCRIM	£10,000	£10,000								
Total Capital	£6,200,000	£1,110,000	£559,464	£797,721	£1,093,304	£603,707	£222,218	£389,181	£570,512	£853,894
	£19,528,775									
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Badenoch & Strathspey Area Roads Maintenance 2020/21

	Route	Description	Width	Length	Area	Treatment Required	Prior
			(m)	(m)	(m²)		ity
1	U2375	Finlarig road	3.2	140	448	Reconstruct & resurface	1
2	U2114	Glenbanchor road, Newtonmore				Cattle Grid Replacement	1
3	B970	Nethy (Mondhuie to Balliemore)	5.5	2,600	14,300	Surface dress	1
4	B970	Culreach (Balliefurth)	5.5	900	4,950	Surface dress	1
5	B9102	Lettoch	3.5	700	2,450	Surface dress	1
6	B9102	Craigvarren	3.5	700	2,450	Surface dress	1
7	B9102	Tulchan Lodge	3.5	1,500	5,250	Surface dress	1
8	C1137	Glentruim - sectn 1	3	900	2,700	Overlay	1
9	C1137	Glentruim - sectn 2	3	400	1,200	Overlay	1
10	Various	Various				Jetpatcher	1
11	A939	Bridge of Brown - section 1	1.2	500	600	Edge strengthen	1
12	A939	Bridge of Brown - section 2	1.2	500	600	Edge strengthen	1
13	A939	Bridge of Brown - section 3	1.2	500	600	Edge strengthen	1
14	A939	Bridge of Brown - section 4	1.2	500	600	Edge strengthen	1
15	A939	Bridge of Brown - section 5	1.2	500	600	Edge strengthen	1
16	A939	Bridge of Brown - section 6	1.2	500	600	Edge strengthen	1
17	A939	Bridge of Brown, A95 to Moray boundary	1.2	12,997	15,596	Edge strengthen	1
18	A938	Dulnain Br to A9 Carrbridge	2	450	900	Edge patch	1
19	A939	Dava	2	200	400	Edge patch	1
20	A939	Dava bends	2	210	420	Patching	1
21	A939	Dava, Glaschoil	3.5	40	140	Collapsed culvert	1
22	B970	Insh (tbc)	3	30	90	Collapsed culvert	1
23	B970	Torbreck (tbc)	2.5	40	100	Retaining wall	1
24		Reed Court bellmouth, Carrbridge	10	10	100	Patching	1
25	U2379	Lochindorb road	1	60	60	Patching	1
26	U2104	Garva (Blargie & Gergask)	1	45	45	Patching	1
27	U2099	Glenfeshie, B970 jctn to old cattle grid & Glenfesl	3	2,500	7,500	Surface Dress	1
28	U2379	Lochindorb road	3	8,700	26,100	Surface Dress	2
29	U2379	Lochindorb road, jctn with B9007	3.5	60	210	Overlay	1
30	U2347/U	Braes of Castle Grant, From Lagg do inner loop &	3	9,400	28,200	Surface Dress	2
31	U2347	Braes of Castle Grant, Lynmore to Lagg only	3	2,500	7,500	Overlay	1
32		Chrurch Terr - Glen Rd jctn, & Co-op road	3.5	145	508	Overlay	1
33		Church Terrace, Newtonmore	3.75	1,006	3,773	Surface Dress	2
34		St Brides Ave, Newtonmore	3	210	630	Surface Dress	3
35		Glen Grove, Newtonmore	3	80	240	Surface Dress	3
36	U2104	Garva, 1st cattle grid E to Laggan	3	500	1,500	Surface Dress	2
37	U2104	Garva, just W of Spey Dam	3	300	900	Overlay	1
38	U2104	Garva, Sheramore E to Sherabeg	3	2,000	6,000	Overlay	1
39	U2104	Garva, power line E to Sherramore	3	2,000	6,000	Surface Dress	2
40	U2104	Garva, Garvamore E to power line	3	2,000	6,000	Overlay	1
41	U2104	Garva, culvert & road repair, Melgarve	3	20	60	Structural Drainage	1
42	U2104	Garva	3	4,700	14,100	Surface Dress	2
43		Mossie Rd, Grantown-on-Spey	4.8	450	1,890	Surface Dress	3
44		Mossie Rd, Grantown-on-Spey nr Main rd jctn	6	45	270	Inlay	1
45		Seafield Place, Aviemore	4.8	335	1,608	Inlay	1
46		Cairngorm Ave, Aviemore	5	245	1,225	Surface Dress	3
47		The Green & Railway Terr, Aviemore	6	215	1,290	Surface Dress	2
48		Braeriach Ct (Dalf. Dr to Patterson/Frank Sp. Jctn)		285	1,796	Surface Dress	2
49		Braeriach Ct (Dalf. Dr to Patterson/Frank Sp. Jctn)	6.3	30	189	Inlay	1
50	C1132	Kincraig Brae	5.5	425	2,338	Surface Dress	2
_	C1132	Kincraig to Loch Insh	1.2	338	405	Edge repairs	1
52	C1139	Broomhill brae	3.5	350	1,225	Overlay	1

Second S	53	Ardvonie car park loop road	4	165	660	Inlay	3
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97 C1137 Glentruim 3 7,000 21,000 Surface Dress 1	95 U2114	Glenbanchor road, Newtonmore	3	1,500	4,500	Surface Dress	3
	96 U3063	Nuide road	3	3,000	9,000	Surface Dress	3
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	98 U2387	Crubenmore	5	9,500	47,500	Surface Dress	3