

**HIGHLAND COUNCIL**

**Committee:** Isle of Skye & Raasay Committee

**Date:** 3 December 2018

**Report Title:** Road Maintenance Programme 2019/2020

**Report By:** Director of Community Services

**1 Purpose/Executive Summary**

- 1.1 This report details the proposed 2019/20 Roads Maintenance Programme for the Isle of Skye and Raasay.

**2 Recommendations**

- 2.1 Members are asked to approve the proposed 2019/20 Road Maintenance Programme for the Isle of Skye & Raasay.

### **3 Background**

- 3.1 This report outlines the proposed road maintenance programme for 2019/20 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 2018/19 budget. Should the budget change the programme will either be curtailed or increased as appropriate.
- 3.3 The winter of 2017/18 caused widespread damage to road surfaces throughout the local road network. The impact on some A class roads particularly the A863 Sligachan to Dunvegan, A850 Borve to Dunvegan and A855 Portree – Staffin was such that the majority of the roads maintenance programme 2018/19, agreed by Committee on 11 December 2017, was deferred to 2019/20 to allow the budget resource to be utilised in repairing the damage.

The approved 2018/19 Community Services 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
    - Sign Maintenance
    - Drainage Maintenance
    - Gully Cleansing
    - Footpath Maintenance
    - Patching Repair
    - 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 Maintenance based on Road Condition Surveys
- 4.2 For operational purposes this report combines the budget allocations for Capital Budgets 1 and 2.

## **5 Road Structural Maintenance Programme**

5.1 Schemes were selected for inclusion in these programmes on the basis of need using the 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; and
- Input & feedback from Ward Members

The 2019/20 programme is included in **Appendices 2 and 3**.

## **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: 16 November 2018

Author: Gordon Macdonald, Senior Engineer

Roads Budget Allocation - Year 2018/19 - Version 2.1 (Revised)

Item	Description	Total	HQ	Caithness	Sutherland	Ross & Cromarty	Island of Skye	Nairn	Badenoch & Strathspey	Lochaber	Inverness
	Parameters										
1	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
2	Urban Road Length (km)	1,113		124.1	109.8	305.1	35.0	54.6	71.4	72.0	341.0
3	Number of Bridges	1,332		93	282	308	112	32	96	230	179
4	Population (Year 2011)	232,132		26,486	13,820	56,666	10,177	12,566	13,664	19,930	78,823
5	Gullies (WDM db)	44,610		4,835	2,491	11,522	878	2,006	2,653	3,653	16,572
6	Winter Allocation	100%	1.63%	10.81%	20.79%	22.13%	11.06%	2.17%	8.64%	5.58%	17.19%
7	Weighted Mileage	100%		10.96%	19.49%	24.34%	8.80%	4.43%	5.65%	9.92%	16.42%
8	Watercourse	100%		11.06%	16.48%	24.36%	7.82%	4.65%	5.70%	9.62%	20.32%
9	Structural Maint. (SRMCS)	100%		10.61%	17.38%	22.53%	11.68%	4.16%	5.93%	12.19%	15.52%
10	Surface Dressing (SRMCS)	100%		12.43%	11.38%	21.13%	11.59%	4.44%	8.68%	12.70%	17.64%
	<b>REVENUE</b>										
21	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
22	Cyclic Maintenance	£5,196,389	£20,000	£567,424	£1,008,769	£1,259,954	£455,437	£229,284	£292,222	£513,383	£849,917
23	Drainage	£203,588		£22,317	£39,675	£49,554	£17,912	£9,018	£11,493	£20,191	£33,427
24	Spray Injection (THC vehicle)	£100,000		£11,282	£19,815	£24,471	£9,162	£4,481	£5,742	£9,937	£15,110
25	Gully Emptying	£300,000		£32,515	£16,752	£77,485	£5,905	£13,490	£17,841	£24,566	£111,446
26	Bridges - Structural Maintenance	£477,042		£33,307	£100,995	£110,307	£40,112	£11,460	£34,381	£82,372	£64,107
27	Bridges - Principal Inspections	£185,000	£185,000								
28	Cattle Grids (Bid to HQ)	£50,000	£50,000								
29	Safety Barriers (Bid to HQ)	£215,000	£215,000								
30	Water Course Maintenance (Bid to HQ)	£120,000	£120,000								
	<b>Total Revenue Budget</b>	<b>£11,828,775</b>	<b>£671,256</b>	<b>£1,205,531</b>	<b>£2,221,465</b>	<b>£2,624,218</b>	<b>£1,079,497</b>	<b>£375,645</b>	<b>£792,083</b>	<b>£928,498</b>	<b>£1,930,582</b>
	<b>Additional £2m</b>										
	50% on Road Length			£0	£0	£0	£0	£0	£0	£0	£0
	50% on Road Condition Survey										
	<b>Capital Budget No 1 (£4.5m)</b>										
31	Structural - Overlay/Inlay	£1,150,000		£121,981	£199,921	£259,114	£134,368	£47,823	£68,168	£140,198	£178,427
32	Surface Dressing	£1,850,000		£229,966	£210,545	£390,899	£214,475	£82,202	£160,630	£235,032	£326,252
33	Structural Integrity	£1,150,000		£121,981	£199,921	£259,114	£134,368	£47,823	£68,168	£140,198	£178,427
34	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>£473,927</b>	<b>£610,387</b>	<b>£909,127</b>	<b>£483,211</b>	<b>£177,849</b>	<b>£296,965</b>	<b>£515,427</b>	<b>£683,106</b>
	<b>Capital Budget No 2 (£3.7m)</b>										
40	Structural Road Maint (SRMCS)	£890,000		£94,403	£154,722	£200,532	£103,989	£37,011	£52,756	£108,501	£138,087
41	Surface Dressing (SRMCS)	£890,000		£110,632	£101,289	£188,054	£103,180	£39,546	£77,276	£113,069	£156,954
42	Winter Damage / Potholes (SRMCS)	£1,000,000		£106,070	£173,845	£225,317	£116,842	£41,586	£59,276	£121,911	£155,154
43	Road Markings	£100,000	£100,000								
44	Bridge Maintenance (Structures/Areas)	£180,000	£180,000								
45	Timber Transport Routes (STTS)	£500,000	£500,000								
46	Cattle Grids (Bid to HQ)	£70,000	£70,000								
47	Safety Barriers (Bid to HQ)	£70,000	£70,000								
	<b>Sub-Total Capital Budget No 2</b>	<b>£3,700,000</b>	<b>£920,000</b>	<b>£311,105</b>	<b>£429,856</b>	<b>£613,903</b>	<b>£324,011</b>	<b>£118,143</b>	<b>£189,308</b>	<b>£343,481</b>	<b>£450,194</b>
	<b>Capital Budget No 3 (£1m)</b>										
(aa)	Timber Transport Routes (STTS)	£0	£0								
(ab)	Structural - Overlay/Inlay (A & B Roads)	£0		£0	£0	£0	£0	£0	£0	£0	£0
	<b>Sub-Total Capital Budget No 3</b>	<b>£0</b>	<b>£0</b>	<b>£0</b>	<b>£0</b>	<b>£0</b>	<b>£0</b>	<b>£0</b>	<b>£0</b>	<b>£0</b>	<b>£0</b>
	<b>Total Capital Budget</b>	<b>£8,200,000</b>	<b>£1,270,000</b>	<b>£785,032</b>	<b>£1,040,243</b>	<b>£1,523,030</b>	<b>£807,222</b>	<b>£295,992</b>	<b>£486,274</b>	<b>£858,908</b>	<b>£1,133,300</b>

£20,028,775

Notes:  
 £120,000 for 4 inspector posts - £30k from Water Course, £30k from Bridges - Structural and £60k from cyclic  
 [20,148,775 - 120,000 = 20,028,775]

0.372972973  
 0.32972973  
 0.040540541  
 0.067567568  
 0.135135135  
 0.027027027  
 0.027027027

**Appendix 2 - Structural Overlay/Inlay & Surface Dressing 2018/2019**

<b>Number</b>	<b>Route</b>	<b>Location</b>	<b>Length (m)</b>	<b>Width (m)</b>	<b>Area (sq. m)</b>	<b>Comments</b>
<b>Structural Overlay/Inlay</b>						
<b>1</b>	A850	Lynedale Lodge	600	6	3600	Regulate & Overlay
<b>2</b>	C1242	Tarskavaig Loop (Achnacloch)	800	3.5	2800	Regulate & Overlay
<b>3</b>	A855	Staffin Village (Inlays)	800	3	2400	Inlay
<b>4</b>	C1241	Drumfean	1000	3.5	3500	Regulate & Overlay
<b>5</b>	U4780	Waterstein Laybys (2 No)	40	3	120	New Construction
			<b>3240</b>		<b>12420</b>	
<b>Surface Dressing</b>						
<b>6</b>	U4807	Upper Edinbane	1350	3,5	4725	Surface Dress
<b>7</b>	U4754	Kildonan	1500	3.5	5250	Surface Dress
<b>8</b>	U4748	Talisker	4600	3.5	16100	Surface Dress
<b>9</b>	U4829	Glasphein, Ferinquarrie loop	2500	3.5	8750	Surface Dress
<b>10</b>	U4892	Old Corry	1000	3.5	3500	Surface Dress
<b>11</b>	U4861	Lower Breakish	1800	3.5	6300	Surface Dress
<b>12</b>	U4792	Waterloo	1200	3.5	4200	Surface Dress
<b>13</b>	U4831	Glenmore (Hill)	2000	3,5	7000	Surface Dress
<b>14</b>	C1225	Quiraing	3000	3,5	10500	Surface Dress
<b>15</b>	C1235	Raasay	3000	3.5	10500	Surface Dress
<b>16</b>	U4807	Edinbane Village	550	6	3300	Surface Dress
<b>17</b>	C1226	Marishadder	2000	3.5	7000	Surface Dress
<b>18</b>	U4849	Grealin	1400	3.5	4900	Surface Dress
<b>19</b>	U4826	Lealt	1300	3.5	4550	Surface Dress
			<b>27200</b>		<b>96575</b>	