Agenda Item	5			
Report No	NC/02/20			

HIGHLAND COUNCIL

Committee: Nairnshire Committee

Date: 11 March 2020

Report Title: Roads Maintenance Programme 2020/21

Report By: Executive Chief Officer Infrastructure and Environment

1. Purpose/Executive Summary

1.1 This report details the proposed 2020/21 Roads Maintenance Programme for Nairn Area.

2. Recommendations

2.1 Members are asked to approve the proposed 2020/21 Roads Maintenance Programme for Nairn 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 Nairn 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; and
 - Input and feedback from Ward Members and communities

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

Designation: Executive Chief Officer Infrastructure and Environment

Date: 24 February 2020

Author: Richard Porteous, Roads Operations Manager,

(Lochaber, Nairn and Badenoch and Strathspey)

APPENDIX 1 – 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		£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								
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									

Nairn Area Roads Maintenance 2020/21

	Route	Description	Width (m)	Length (m)	Area (m²)	Treatment Required
1	U3010	Granny Barbours Road	5	750	3,750	Surface Dress
2	U3114	Meikleburn road	3	1600	4,800	Surface Dress
3	C1154	Cawdor Castle rd/B9090 jctn - drainage & overlay	5	126	630	Reprofile
4	Footway	Queenspark Gardens, Queenspark	1.2	100	120	Footway inlay
5	U3208	Daless road, Drynachan	1	300	300	Patching
6	C1171	Moyness road, patch	5.5	30	165	Reprofile
7	B9090	Cairnglass to Clephanton	3	1000	3,000	Road Widening
8	B9090	Cawdor to Budgate	2.5	1000	2,500	Road Widening
9	B9090	Hedges to Howford	2.5	1000	2,500	Road Widening
10	C1172/U2997	Boath - Bogside of Boath - Millhill	3.2	1800	5,760	Surface Dress
11	U2997	Auchnacloich - Millhill - Drumduan	3.2	1500	4,800	Surface Dress
12	U3164	A96 to Penick	3.2	1000	3,200	Surface Dress
13	U3101	Drynachan rd (old cattle grid to Cawdor/Dulsie jctn)	3.2	2750	8,800	Surface Dress
14	C1165	Highland Boath to Drynachan Lodge	3.2	5000	16,000	Surface Dress
15	U3127	Burnside of Geddes to B9090 jctn	3.2	1500	4,800	Surface Dress
	C1154	Cawdor to Urchany	3.5	5000	17,500	Surface Dress
17		Beach Avenue	7	380	2,660	surface Dress
	C1157	Moyness cross-roads to Kronyhillock Wood	3.5	4000	14,000	Surface Dress
	C1175	Crook to Raitloan	3.5	2000	7,000	Surface Dress
	C1175	Howford to Crook	3.2	500	1,600	Surface Dress
	C1161	Urchany to Rehaurie	3.5	5000	17,500	Surface Dress
	C1167	Burnside of Lethen - Easter Cotterton - Easter Arr	3.2	1500	4,800	Surface Dress
	C1174	Achavelgin	3.2	500	1,600	Surface Dress
	C1163	Little Kildrummie road	3.3	2250	7,425	Surface Dress
	B9091	Nairn - Clephanton	6.5	8500	55,250	Surface Dress
	B9101	Auldearn to B9090 jctn	6.5	5500	35,750	Surface Dress
	B9007	Ferness to Moray boundary	4.5	4000	18,000	Surface Dress
	C1169	Coulmony road	4.5	4000	18,000	Surface Dress
	U3075	Lethen Bar road	3.2	6000	19,200	Surface Dress
	U1169	Urchany - Barevan - Galcantray road	3.2	8000	25,600	Surface Dress
31		Cranloch roads	6	900	5,400	Surface Dress
	A939	Ardclach loop N jctn with A939	7	50	350	Patching
	A939	Ferness cross-roads	7	150	1,050	Patching
	B9007	Dunearn	5	10	50	Patching
	U3101	Drynachan rd (old cattle grid to Cawdor/Dulsie jctn)	1	1375	1,375	Patching
	C1157	Moyness cross-roads to Broomhill Farm	2	200	400	Patching
	C1171	Moyness road, passing places	2	30	60	Patching
38		Beach Avenue, Achareidh	8	40	320	Patching
39		Boath Road, Auldearn	20	20	400	Patching
40		George Wilson Road, Auldearn	6	20	120	Patching
41	B9090	Knockloam jctn	5	40	200	Patching
	B9091	Meikle Kildrummie jctn	5	40	200	Patching
	B9090	Little Kildrummie jctn	5	40	200	Patching
		Coulmony road	4.5	30	135	Patching
45		George Street/Mill Road jctn	5	30	150	Patching
46		Millbank Street junctions	6	80	480	Patching
	U2997	Auchnacloich - Millhill - Drumduan	2	40	80	Patching
48		Blairfield Rd, Tradespark	3.5	200	700	Overlay

49	Manse Road, Auldearn	6	100	600	Overlay
50	Cawdor Road, Auldearn	4	100	400	Overlay
51 C1157	Fornighty	3.5	500	1,750	Overlay
52 C1157	Moyness cross-roads	3.5	50	175	Overlay
53 C1161	Rehaurie jctn (at A939 jctn)	6.5	150	975	Overlay
54	Oakdean Place, Achareidh	5.5	110	605	Inlay
55	Rowan Place, Achareidh	6	125	750	Inlay
56	Morlich Crescent, Achareidh	6	210	1,260	Inlay
57	Assynt Gardens, Achareidh	6	135	810	Inlay
58	Cairn Avenue, Cranloch	6	140	840	Inlay
59	Loch Avenue, Cranloch	6	110	660	Inlay
60 Footway	Seaforth Road, Tradespark	1.2	200	240	Footway inlay
61 Footway	Moss-side Rd, Tradespark	1.5	95	143	Footway inlay
62 Footway	Millbank Cres, Nairn	1.5	200	300	Footway inlay
63 Footway	George Street, Queenspark	1.5	100	150	Footway inlay
64 Footway	Grantown road, Boathpark	1.5	75	113	Footway inlay
65 Footway	Wyvis Drive, Achareidh	1.2	200	240	Footway inlay
66 Footway	Pinewood Avenue, Achareidh	1.2	200	240	Footway inlay
67 Footway	Hawthorne Gardens, Achareidh	1.2	300	360	Footway inlay
68 Footway	Morlich Crescent, Achareidh	1.2	420	504	Footway inlay
69 Footway	Elm Grove, Achareidh	1.2	700	840	Footway inlay
70 Footway	Darroch Place, Achareidh	1.2	180	216	Footway inlay
71 Footway	Birch Road, Achareidh	1.2	175	210	Footway inlay
72 Footway	Beach Avenue, Achareidh	1.2	670	804	Footway inlay
73 Footway	Assynt Gardens, Achareidh	1.2	270	324	Footway inlay
74 Footway	Suitors Avenue, Boathpark	1.2	560	672	Footway inlay
75 Footway	Barbour Road, Boathpark	1.2	230	276	Footway inlay
76 Footway	Balblair Road, Balblair	1.2	110	132	Footway inlay
77 C1159	Lochloy Road	1.2	500	600	New Footway
78 U3211	Easter Clune	3	1,000	3,000	Recycle
79 B9091	From Balblair to Meikle Kildrummie road jctn	2.5	1,000	2,500	Road Widening
80 B9090	Nairn - Cawdor - Clepanton - A96 road				Sign Replacement
81 B9101	Auldearn - Foynessfield - Meikle Geddes road				Sign Replacement
82 A939	Nairn - Ferness - Dava				Sign Replacement