

Agenda Item	5.
Report No	SCC/03/22

HIGHLAND COUNCIL

Committee: Sutherland County Committee

Date: 28 February 2022

Report Title: Area Roads Capital Programme 2022/23

Report By: Executive Chief Officer Infrastructure, Environment & Economy

1 Purpose/Executive Summary

- 1.1 This report details the proposed 2022/23 Area Roads Capital Programme for Sutherland Area.

2 Recommendations

- 2.1 Members are asked to approve the proposed prioritised Area Roads Capital Programme for Sutherland Area.

3. Implications

- 3.1 **Resource** – All work will be managed within budget allocations with the Council delivering its legal responsibilities.
- 3.2 **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.
- 3.3 **Community (Equality, Poverty, Rural and Island)** – This report recognises that the local road network serves both strategic traffic and local access to remote communities. Road improvement schemes are selected on both the strategic and local importance and the extent and severity of defects. Noting that funding falls short of addressing all of the known defects, low volume and rural routes may be disadvantaged as prioritisation of limited funding dictates.

- 3.4 **Climate Change / Carbon Clever** – It is recognised that resurfacing operations do have a significant carbon impact. Consideration will be given to preventative maintenance techniques which includes recycling and surface dressing techniques, but the levels of defects often preclude such approaches.
- 3.5 **Risk** – The level of investment across Highland falls short of the budget requirements to maintain a steady state condition of the road network. Deterioration of the overall network will occur with a corresponding risk to the travelling public. An increase in damage claims can also be expected, as the road defects develop
- 3.6 **Gaelic** – This report has no impact on Gaelic considerations.

4. Background

- 4.1 This report outlines the proposed area road capital programme for 2022/23 in accordance with the approved capital budget.
- 4.2 Works are delivered through roads workforce, augmented as required by external contractors. Due to the inter-relationship between the capital and revenue budget to fund the roads workforce, prioritisation to internal delivery will be given, with the use of external contractor being limited to projects where such additional funds permit.
- 4.3 Additional engineering resources from the Project Design Unit are working with the Roads Operational Managers to plan and deliver the works.
- 4.4 It is recognised that the works necessary at any location may be a combination of works that are additional to the surfacing works.
- 4.5 Such surfacing works take time to plan and deliver and it is vital that the programme of works is agreed, as any delay in the agreed programme will impact on the construction programme, which is influenced by the availability of resources and also by the prevailing weather conditions – as summer delivery is more reliable and durable.
- 4.6 We also need to ensure that such works are coordinated with utility companies – so early uploading of the programme aligns with the necessary reporting requirements and allows the coordination of works.
- 4.7 Notwithstanding these works are as proposed in this report it is recognised that variation can be expected, and these will be agreed with members at ward business meetings to maintain a dynamic programme.

5. Budget Allocation

- 5.1 The local allocations capital budget for 2022/23 remains to be established which will be calculated from the approved capital budget allocation being adjusted for any acceleration or slippage in the previous financial year for each area allocation, and also analysis of the road condition survey results.

Consequently the 2022/23 area capital roads programme is based on the previous year's budget (as in **Appendix 1**), which is unlikely to vary significantly from the established budget that will not be determined until early Summer. Should the approved 2022/23 budget differ from the 2021/22 budget then the programme will be adjusted as appropriate.

The local allocations capital budget for 2021/22 for the Sutherland Area consists of:-

Budget	Overlay/Inlay	Surface Dressing	Total
Baseline capital budget	£541,620	£252,073	£793,693
£10m Allocation	£377,387	£172,850	£550,237
Ward Allocation			£200,000

5.2 Note **Appendix 1** identifies the Health and Prosperity budgets allocated in September 2021, this was front loaded in this financial year. Due to the works programme in 2021/22 being accelerated due to the condition of the network, available budgets for structural overlay and surface dressing have not been identified for 22/23, but this will be adjusted as final out-turn figures are known. Elements such as strip widening (which includes edge strengthening) and passing places have yet to be identified and will be agreed at ward business meetings.

5.3 The Ward Allocation budget is set to £100,000 per ward. Only road or road infrastructure schemes are eligible. Schemes are at Members' discretion.

6. Road Structural Maintenance Programme

6.1 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 and feedback from Members

6.2 The Scottish Road Maintenance Condition Survey (SRMCS) records data which is processed to show rutting, profile, cracking and surface texture. Surface texture is principally used in the preparation of surface dressing programmes. Rutting and profile data is used for surfacing programmes, while cracking data is used in both surface dressing and surfacing programmes.

6.3 All roads are inspected either monthly, quarterly or annually for safety hazards depending on their priority. Roads are also inspected in the course of preparing the works programmes. These inspections, together with specific concerns raised through Members and Community Councils, are considered for inclusion in the works programmes.

6.4 Prior to finalising the programmes, each site is again visited by experienced engineers to confirm the importance of the works against the network and the details of the designs. The current prioritised list is detailed within **Appendix 2**.

Designation: Executive Chief Officer Infrastructure, Environment & Economy

Date: 2 February 2022

Author: Joanne Sutherland, Roads Operations Manager
(Caithness & Sutherland))

Appendix 2

Sutherland Prioritised Capital Works 2022/2023

2022/23 Priority	Activity	Ward	Route	Site Description	Scheme Length (m)	Estimated Scheme Costs
1	Inlay	4	Various	School, Front & Terrace Streets	900	£70,000
2	Recycle	1	U2117	Sections west of previous recycling	2000	£65,000
3	Edge strengthening	4	B9167	Midfearn - High Bridge	1500	£100,000
4	Kerb & resurface footway	4	A949	Kyle Bakery - Pharmacy	300	£30,000
5	Overlay	1	A838	Lochmoreside	1200	£79,000
6	Surface dressing	1	B873	Phase 1 (most prone to icing)	9000	£85,000
7	Kerb & resurface footway	4	A839	Macdonald Place - Garage Footway	300	£30,000
8	Inlay	4	Various	Bridge Street, Deans Lane, Elizabeth Crescent, Gilchrist Square, Golf Road, High Street & Kennedy Avenue	1225	£97,000
9	Kerb & resurface footway	4	U3326	Church street Footway	120	£12,000
10	Overlay	1	C1134	Keoldale Ferry Road	700	£60,000
11	Overlay	1	A836	Opposite Vagastie House (demolished)	650	£57,000
12	Kerb & resurface footway	1	A836	Post Office - Ironmongers	85	£8,500
13	Overlay	1	B869	Caravan Site - Clachtoll	1000	£54,000
14	Overlay	1	B869	Drumbeg - Nedd	1000	£54,000
15	Surface dressing	1	A838	Varrich Place - Melness Junction	4000	£102,600
16	Overlay	1	A836	South of Loyal Lodge	800	£44,000
17	Kerb & resurface footway	1	A836	Main Street - Lochside Footway	300	£36,000
18	Overlay	1	C1134	Balnakeil Craft Village - Golf Club	880	£52,800

19	Inlay	4	U3064	Grant Crescent	120	£12,500
20	Overlay	1	C1078	Achnairn From A838 past Shin Game	1150	£51,750
21	Overlay	4	U1879	Rhanich	3400	£170,000
22	Surface dressing	1	A836	Forest Access south of Crask - Vagastie Bridge	5000	£101,250
23	Surface dressing	1	A838	Polla - Eriboll	1500	£18,900
24	Overlay	4	U2960	Ferry Road from the Golf Club south	1000	£40,000
25	Overlay	4	C1103	Sections between previous overlays	600	£30,000
26	Surface dressing	1	A838	Mhoine House to Hope Bridge	5500	£141,000
27	Overlay	4	A836	Craigroy Bridge - Dounie Straight	1500	£137,500
28	Overlay	1	A836	Staing Loch - Telephone Mast	1650	£155,000
29	Surface dressing	1	A839	Knockdu - Rhaoine (west of former glass engravers)	3000	£74,250
30	Inlay	4	A839	Rogart Hall - Garage	1050	£98,500
31	Surface dressing	4	U3314	Cuthill Farm - Forest Access	2000	£25,200
32	Surface dressing	1	A838	Laxford Bay - Rhiconich	7200	£226,800
33	Overlay	1	A836	Loch Craggie (north of Loch Loyal)	600	£55,000
34	Overlay	1	A838	Laxford Bridge - Altnasuileig	2400	£176,000
35	Overlay	1	C1034	Naver crossroads - Mudale (Hope Road)	4400	£246,400
36	Surface dressing	1	A838	Hope Bridge to Heilam (double track section)	3700	£95,000
37	Overlay	1	A836	Braetongue	1000	£60,000
38	Inlay	4	Various	Gate, King & Back Streets	900	£70,000
39	Surface dressing	4	C1022	Sciberscross	1000	£12,600
40	Surface dressing	1	A837	Lochinver - Loch Assynt	9650	£240,000
41	Inlay	1	C1134	Durness village - Balnakeil	1200	£140,000
42	Inlay	4	U3284	Install drainage & resurface	400	£34,500
43	Surface dressing	1	A836	Various Sections	1200	£29,700

44	Overlay	1	A838	Corriekinloch Houses - Merkland	4600	£253,000
45	Surface dressing	1	C1120	Steep section at Greer Johnstone's	700	£9,450
46	Surface dressing	1	A894	Kylestrome Lodge - Scourie Telephone Exchange	14000	£350,000
47	Surface dressing	1	A894	Scourie Telephone Exchange - Toilets	2000	£50,000
48	Inlay	4	U5050	Lindsay Street	230	£20,000
49	Inlay	1	U1595	Power Station - turning area	190	£21,000
50	Surface dressing	4	C1042	Fluechary Junction to Achvaich	600	£7,550
51	Surface dressing	4	U3309	A9 crossroads to Skelbo Street	1000	£12,600
52	Surface dressing	1	A838	North of Keodale	600	£9,450
53	Surface dressing	1	A838	Rispond - Portnancon	1200	£15,000
54	Overlay	4	C1026	Shore Road (picnic area to A9)	2500	£125,000
55	Overlay	1	C1078	Tirryside (over previous recycling)	1800	£84,000
56	Surface dressing	4	C1022	Tannachy - Dalreavoch	1000	£12,600
57	Surface dressing	1	A837	Lochinver Village (Inver Bridge - Games Field)	1200	£30,000
58	Overlay	1	U1278	Cape Wrath (repair of various Sections)	2500	£330,000
59	Overlay	1	U1011	Elphin loop	500	£25,750
60	Surface dressing	1	U1342	Ardmore	2400	£30,000
61	Surface dressing	1	U1163	Rhivichie	1000	£12,600
62	Surface dressing	1	A836	Strathy East	2200	£60,000
63	Overlay	1	B871	Harvieston - Badanloch	5400	£310,000
64	Overlay	1	U1362	Old Pier Road Loch Clash	200	£20,000
65	Overlay	1	U1563	Modsarie - Strathan	300	£17,500
66	Overlay	4	U3527	Council Houses	100	£7,500
67	Surface dressing	4	C1026	Embo crossroads - Fourpenny	1000	£10,500
68	Surface dressing	4	U3311	Embo crossroads - Embo	1000	£20,000

69	Overlay	4	U1896	Rheguile - Garbad	800	£44,000
70	Overlay	4	U1896	Rheguile - Leachonich	1000	£55,000
71	Inlay	1	A839	Black Bridge	50	£6,000
72	Inlay	1	U1956	Lochside Streets	120	£9,500
73	Surface dressing	1	C1003	Kirkaig Bridge - Inverkirkaig	1500	£16,750
74	Surface dressing	1	U1741	Bighouse	600	£6,300
75	Overlay	1	A837	Craggie Cattle Grid - Allt Eileag	4300	£215,000
76	Overlay	4	U2810	Various sections	1600	£89,000
77	Kerb & resurface footway	4	u3367	Replacement of slabbed footways at Cathedral	120	£12,000
78	Surface dressing	1	A837	Loch Assynt - Skiag Junction	6550	£130,000
79	Surface dressing	1	A897	Trantlemore	1000	£10,500
80	Surface dressing	1	A836	Bettyhill Hotel - Museum	1500	£30,000
81	Surface dressing	1	C1007	Skerry Loop (various sections)	2000	£21,000
82	Overlay	4	U1396	Ardmore Loop	620	£31,000
83	Overlay	4	U2766	Crackaig Crofts to Ross Place	1500	£67,500
84	Overlay	4	U2277	Eiden	650	£32,500
85	Overlay	1	B871	Rhifail	400	£23,500
86	Overlay	1	A836	Strathy East	300	£18,750
87	Overlay	1	A836	Kincardine - Ardchronie	1500	£135,000
88	Overlay	4	C1049	Rearquhar School - Achvaich x Rds	1200	£54,000
89	Overlay	4	U3521	Torboll (near Peter Gordon's)	1250	£56,250
90	Overlay	4	U3589	Kincardine Hill East	1100	£55,000
91	Overlay	1	U1262	Bhlarmore	300	£17,000
92	Overlay	1	A836	Borgie Quarry	50	£6,500

93	Overlay	1	U1678	Achneiskich	400	£22,500
94	Overlay	1	A836	Naver Bridge - Strathnaver Junction	2500	£200,000
95	Overlay	4	U1877	Garbad & Rheguile	1200	£54,000
96	Overlay	1	U3567	Ardgay Hill - Gledfield	500	£25,000
97	Overlay	1	U2054	Water treatment works - Saval	900	£45,000
98	edge strengthening	4	U3521	Fairy Glen	1000	£55,000
99	Overlay	1	A949	Creich Brae - Cemetery	1300	£130,000
100	Surface dressing	1	A949	Creich Cemetery - Bonar	3200	£64,000
101	Surface dressing	1	A836	Achiduich - Lairg Station	4100	£90,500
102	Surface dressing	1	A839	The Lochies - Durcha	3000	£31,500
103	Kerb & resurface footway	4	U3347	Schoolhill (below Church)	120	£12,000
104	Overlay	4	C1022	Balnacoil - Point	600	£30,000
105	Overlay	4	U2320	Sciberscross Access	330	£16,500
106	Overlay	4	C1022	Tormore - Sciberscross	1400	£70,000
107	Overlay	4	C1022	Dalreavoch Bridge - M Boa's	900	£50,500
108	Overlay	4	U2202	Coull - Knockarthur	950	£44,500
109	Overlay	4	U3103	Farlary - Achavoan	11000	£66,000
110	Surface dressing	4	U2257	Rhilochan - West Langwell	7200	£75,500
111	Surface dressing	4	U3140	Sawmill - Backies	1600	£16,750
112	Edge strengthening	1	A836	1-mile past Vagastie	600	£30,000
113	Overlay	1	A836	Quarry - Altnaharra	2000	£110,000
114	Surface dressing	1	A836	Naver X Roads - Staing Loch	4500	£47,250
115	Overlay	1	A836	Armadale - Lednagulin	950	£109,000
116	Surface dressing	1	A836	Armadale - Brawl (Lednagulin - Ben Ainnie Scheme)	3800	£84,000

117	Surface dressing	1	A836	Strathy East - Halladale Bridge	4000	£84,000
118	Overlay	4	U5622	Balnapolaig Access	350	£17,500
119	Overlay	4	U3465	Meikle Ferry (Skibo Golf Club)	1500	£75,000
120	Surface dressing	1	A838	Stack Lodge west	1500	£15,750
121	Overlay	1	B869	Nedd - Gleann Leireag Cattle Grid	900	£52,500
122	Overlay	1	A837	West of Stronchrubie	1300	£140,000
123	Inlay	1	U3521	Migdale Road (Tulloch Road - Tulloch Farm Entrance)	200	£37,500
124	Inlay	1	A839	Main Street (Bank - Post Office)		
125	Overlay	4	various	Gartymore (various sections)		
126	Surface dressing	1	B873	Phase 2	9000	£85,000
127	Overlay	1	A836	Altnagar - Achinduich	1600	£147,000
128	Overlay	1	A836	Dalchork - North Dalnessie	4400	£450,000
129	Surface dressing	4	U1878	Mudh A Bhlair	2000	£20,000
130	Surface dressing	1	C1070	Craigton	2000	£18,000
131	Surface dressing	4	B9176	Aulnamian Straight	1200	£22,000
132	Surface dressing	1	A836	Kincardine Corner	300	£6,500
133	Surface dressing	1	U3578	Kincardine Hill West	800	£8,000
134	Surface dressing	1	C1070	Fairy Glen	1000	£10,000
135	Surface dressing	1	A949	Oak Wood	1200	£23,000
136	Surface dressing	1	U3521	Loch Buidhe SSE works	5000	£50,000
137	Surface dressing	1	A836	Lairg Road	750	£40,000
138	Surface dressing	4	A836	Bonar - Ardgay	500	£9,000