

Agenda Item	10.
Report No	CIA/7/22

HIGHLAND COUNCIL

Committee: City of Inverness

Date: 17 February 2022

Report Title: Area Roads Capital Programme 2022/2023

Report By: Executive Chief Officer Infrastructure, Environment & Economy

1 Purpose/Executive Summary

- 1.1 This report details the proposed prioritised 2022/2023 Area Roads Capital Programme for the City of Inverness and Area.

2 Recommendations

- 2.1 Members are asked to approve the proposed 2022/2023 Area Roads Capital Programme for the City of Inverness and 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 surface dressing and spray injection patching, 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 2022/2023 in accordance with the approved capital budget.
- 4.2 Works are delivered through the 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 to the Scottish Road Works Register aligns with the necessary reporting requirements and allows the coordination of utility works in advance of structural treatments. (statutory advance notification period recorded), ensuring a period of protection from planned excavations.
- 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 2022/2023 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 2022/2023 area capital roads programme is based on the previous year's budget, which is unlikely to vary significantly from the established budget that will not be determined until early Summer. Should the approved 2022/2023 budget differ from the 2021/2022 budget then the programme will be adjusted as appropriate.

The local allocations capital budget for 2021/2022 for the City of Inverness Area consists of:-

Budget	Overlay/Inlay	Surface Dressing	Total
Baseline capital budget	£517,017	£386,920	£903,937
£10m Allocation	£360,244	£265,316	£625,560
Ward Allocation			£700,000

- 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 still being undertaken in 2021/2022 due to the condition of the network, available budgets for structural overlay and surface dressing have not been identified for 2202/2023, but this will be adjusted as final out-turn figures are known and potentially any underspend utilised for implementation of reserve schemes or additional structural patching works. Elements such as strip widening / which includes edge strengthening and passing places are being identified and will be agreed at ward business meetings.
- 5.3 The overall Ward Allocation budget for the City of Inverness Area is set at £700,000. Only road or road infrastructure schemes are eligible, and this figure has been included in the overall Inverness Area Capital Budget allocation. Extensive member engagement has been undertaken and members have been given the opportunity to review and agree the programme at Ward Business Meetings. These outcomes are included in the highlighted (green) programmed priority schemes in **Appendix 2** (Resurfacing) and **Appendix 3** (Surface Dressing).
- 5.4 The approved 2021/22 Roads Budget allocations for the City of Inverness Area can be found in **Appendix 1** to this report.

6 Road Structural Maintenance Programme

6.1 Schemes are selected for the capital programme as follows:-

- existing approved capital schemes that remain to be completed and new identified schemes; and
- prioritised ranking of the road network

6.2 The following information was used to prepare the scheme prioritisation:-

- Scottish Road Maintenance Condition Survey (SRMCS) data;
- Safety inspections;
- Number and location of Insurance Claims
- Service inspections; and
- Input and feedback from Ward Members via ward Business Meetings held between November 2021 and January 2022

- 6.3 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. All roads selected for resurfacing have been prioritised based on the criteria above.
- 6.4 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.
- 6.5 The 2022/23 programme is scheduled in **Appendix 2 & Appendix 3**.

Programmed schemes shaded in green can be funded from the capital allocation. Those unshaded schemes (reserves) will be undertaken subject to any finalised increase in capital budget allocation and any potential underspend carried forward.

Designation: Executive Chief Officer Infrastructure, Environment & Economy

Date: 25 January 2022

Authors: John Taylor, Roads Operations Manager (Inverness)

Appendix 2 - Resurfacing Programme 2022/2023

Ward	Route	Road Name / Description	Length m	Width m	Area m ²	Cost
13	U3820	Bruce Gardens (East End)	540	7.5	4050	£162,000.00
13	A862	Clachnaharry High Street	340	6	2040	£81,600.00
13	U4158	Ness Walk	300	5.5	1650	£66,000.00
13	U3836	Charleston Place	160	5.5	880	£35,200.00
13	U1160	Leachkin Road (West)	160	6	960	£38,400.00
13	C1118	General Booth Road (nr Charleston Academy)	200	7.5	1500	£60,000.00
13	U3994	Firthview Road (Major Patching)				£50,000.00
14	U4394	Wells Street	150	8.5	1275	£51,000.00
14	U4128	Margaret Street	80	6.5	520	£20,800.00
14	U4608	Carsegate Road (South)	200	7.2	1440	£57,600.00
14	U4618	Shore Street (West End)	100	7.2	720	£28,800.00
14	B865	Millburn Road	160	3.65	584	£23,360.00
14	U4027	Hawthorn Drive (Inlay East Side)	450	3	1350	£54,000.00
14	U3826	Caledonian Road	560	6	3360	£134,400.00
14	U4625	Kessock Road RBT	80	6	480	£19,200.00
14	U3843	Crown Street	350	5	1750	£70,000.00
14	U3774	Ardconnel Terrace	300	3.5	1050	£42,000.00
14	U3834	Celt Street	50	6	300	£12,000.00
14	B861	Culduthel Road (Mayfield Road-Castle Street)	100	8	800	£32,000.00

Appendix 2 - Resurfacing Programme 2022/2023

Ward	Route	Road Name / Description	Length m	Width m	Area m ²	Cost
15	U3832	Cauldeen Road (part)	220	6	1320	£52,800.00
15	U1367	Drumfield Road	85	5	425	£17,000.00
15	C1040	Torbreck Link to Dores Road	200	3.2	640	£25,600.00
15	U4045	Holm Mills Road (Resurfacing/Major Patching)	165	4.5	742.5	£29,700.00
15	U3792	Balloan Road (Cul-de-Sac) 49-59	60	7	420	£16,800.00
15	U3792	Balloan Road (Cul-de-Sac) 25-35	60	7	420	£16,800.00
15	U4199	Oldtown Road (Cul-de-Sac) 156-222	60	7	420	£16,800.00
15	B861	Culduthel Road (West End) Sections	650	7.3	4745	£189,800.00
15	U3782	Ashie Road - Garage Access Road	180	4	720	£28,800.00
15	U4312	Ruthven Road - Garage Access Road	180	4	720	£28,800.00
15	U4120	Mackay Road (Cul-de-Sac) 47-69	65	6	390	£15,600.00
15	U4120	Mackay Road (Cul-de-Sac) 143-175	75	6	450	£18,000.00
16	U3860	Diriebught Road (School-Midmills Road)	320	6	1920	£76,800.00
16	U4316	Seafield Road (Phase 2)	200	6	1200	£48,000.00
16	U4023	Harbour Road (Approach to Longman Road RBT)	80	10	800	£32,000.00
16	U3856	Dell Road Junctions				£20,000.00
16	U2820	Eastfield Way Retail Park Access Roundabout (Major Patch/Resurface)				£20,000.00
16	U4682	Henderson Drive	350	6.5	2275	£91,000.00
16	U4316	Seafield Road (Phase 3)	190	6	1140	£45,600.00
16	U4619	Cromwell Road (Citadel)	400	7	2800	£112,000.00
16	U4175	Old Edinburgh Road (Balloan-Mason Road)	150	7.2	1080	£43,200.00
16	U4410	Mason Road (West End)	160	7	1120	£44,800.00
16	B0853	Culcabock Road	100	7.3	730	£29,200.00
16	B9006	Old Perth Road (Major Patching)				£50,000.00

Appendix 2 - Resurfacing Programme 2022/2023

Ward	Route	Road Name / Description	Length m	Width m	Area m ²	Cost
17	B9039	Ardersier - Cheese Pantry Junction	200	6	1200	£36,000.00
17	C1017	Croy Village - Croy towards New Tornagrain	100	5.5	550	£22,000.00
17	C1024	Old Tornagrain to Cantray	500	3.5	1750	£70,000.00
17	B9092	East of Ardersier (Major Patching)				£20,000.00
17		Carse/Balnagowan/Tomhommie Side Roads (Major Patching/Resurfacing)	2000	3	6000	£210,000.00
17		Croy Village Sections	500	6	3000	£120,000.00
17	B9006	Ardersier High Street (P.O. - Nairn Road Junction)	900	6	5400	£216,000.00
17	C1013	Smithstown - Gollanfield (Edge Repairs)				£30,000.00
17	C1013	Smithstown - Gollanfield	1300	3.2	4160	£166,400.00
19	U1128	Tower Brae South	470	3.5	1645	£49,350.00
19	C1121	Tomatin - Coignafearn (Various) (Phase 1)	1000	3.2	3200	£96,000.00
19	B861	Leys Castle (On Hill)				£50,000.00
19	B861	Tomfat Woods (Edge Strengthening) (Phase 1)				£50,000.00
19	C1028	Balloch to Keppoch Crossroads (Edge Patching)				£50,000.00
19	C1051	Nairnside Near Village	400	4	1600	£48,000.00
19	C1121	Tomatin - Coignafearn (Various) (Phase 2)	1000	3.2	3200	£96,000.00
19	C1056	Craggie - Dalroy	400	3.5	1400	£42,000.00
19	B861	Tomfat Woods (Edge Strengthening) (Phase 2)				£50,000.00

Appendix 2 - Resurfacing Programme 2022/2023

Ward	Route	Road Name / Description	Length m	Width m	Area m ²	Cost
12	C1108	Kiltarlity Village (Major Patching)				£50,000.00
12	U1671	Oich Road (Old Main Road), Fort Augustus	130	6.5	845	£33,800.00
12	U2248	Englishton Muir	320	3.5	1120	£33,600.00
12	U2333	Shore Street, Beauly	50	6	300	£12,000.00
12	B852	Chapel Bridge-Foyers (sections)	200	5	1000	£30,000.00
12	B852	Boleskine - Foyers Hotel	500	4	2000	£60,000.00
12	U2975	Teandalloch Crossroads	500	3.5	1750	£52,500.00
12	B851	Daviot to Inverarnie Major Patching				£30,000.00
12	B861	North of Balnafoich Crossroads (Phase 1)	600	5.5	3300	£99,000.00
12	U1423	Tomich Village Major Patching				£48,000.00
12	C1112	Glen Affric (Dog Falls - 2 Sections)	600	3.5	2100	£63,000.00
12	U3148	Aultvaich, Beauly (part)	200	3	600	£18,000.00
12	U1636	Buntait (Glen Urquhart) (Phase 1 Patching)	200	3.2	640	£19,200.00
12	U2362	Rebeg	400	3	1200	£36,000.00
12	A833	Convinth-Redburn (part)	1000	6	6000	£150,000.00
12	B861	North of Balnafoich Crossroads (Phase 2)	600	5	3000	£90,000.00
12	A833	Foxhole - Kiltarlity	800	6	4800	£144,000.00
12	A831	Wester Balblair	480	6	2880	£86,400.00
12	U1636	Buntait (Glen Urquhart) (Phase 2 Remainder of Road)	1500	3.2	4800	£144,000.00
12	U2228	Pitkerrald Road, Drumnadrochit (part)	600	3.5	2100	£63,000.00
12	U2108	Belladrum Loop Road	2500	3.2	8000	£240,000.00
12	B862	East of Gorthleck	2000	4	8000	£240,000.00
12	B9164	Dunballoch (part)	500	5.5	2750	£82,500.00
12	B862	Achnabat	1000	5	5000	£150,000.00
12	U1608	Kinerras Road	800	3	2400	£72,000.00
12	U1209	Ardochy (Whitebridge)	2500	3	7500	£225,000.00
12	U1213	Knockie (Whitebridge)	2000	3.2	6400	£192,000.00
12	B851	Croachy Village	480	5	2400	£72,000.00
12	B862	Calanour-Errogie (part)	1600	4	6400	£192,000.00

Appendix 2 - Resurfacing Programme 2022/2023

Ward	Route	Road Name / Description	Length m	Width m	Area m²	Cost
All Wards		Major Patching/Machine Patching				£138,000.00

Appendix 3 - Surface Dressing 2022/2023

Ward	Route	Road Name / Description	Length m	Width m	Area m²	Cost
13	U4600	Scorguie Drive (Part)	400	5.5	2200	£8,250.00
13	A862	Clachnaharry-Bruachnain	1500	7	10500	£39,375.00
13	U4598	Kilvean Cemetery Road	370	5.5	2035	£7,631.25
13	U3994	Firthview Road (Scorguie Road-King Brude Road)	500	7.5	3750	£14,062.50
14	U3827	Cameron Road	200	5.5	1100	£4,125.00
14	U4340	St Johns Avenue (Laurel-St Mungo)	220	6	1320	£4,950.00
14	U4320	Smith Avenue	225	7	1575	£5,906.25
14	U3780	Argyle Street	400	5.5	2200	£8,250.00
14	U4065/U4399	Kilmuir Road/Wyvis Place	350	5.5	1925	£7,218.75
14	U4348	St Ninian Drive (Loop Road)	180	5	900	£3,375.00
14	U3812	Birnie Terrace	160	5.5	880	£3,300.00
14	U4577	Coronation Park	100	5.5	550	£2,062.50
14	U3857	Denny Street	200	5.5	1100	£4,125.00
14	U3851	Dalneigh Road	200	5.5	1100	£4,125.00
14	U4150	Muirtown Street	100	5.5	550	£2,062.50
14	B861	Culduthel Road (Southside Road-Mayfield Road)	375	10	3750	£14,062.50

Appendix 3 - Surface Dressing 2022/2023

Ward	Route	Road Name / Description	Length m	Width m	Area m²	Cost
15	U3714	Achvraid Road	250	5	1250	£4,687.50
15	U4096	Lochardil Road	540	6.2	3348	£12,555.00
15	C1064	Essich Road	2500	4.5	11250	£42,187.50
15	U3872	Drummond Road (Broom Drive to Stratherrick Road - Existing SMA)	470	7	3290	£12,337.50
15	U1367	Drumfield Road	90	5.5	495	£1,856.25
15	U3792	Balloan Road Cul-de-Sac 97-119	50	6	300	£1,125.00
15	U4100	Lodge Avenue	150	5.5	825	£3,093.75
15	U4701	Culduthel Park	400	6	2400	£9,000.00
15	U3832	Cauldeen Road	360	8	2880	£10,800.00
16	U4420	Harris Road	500	6.5	3250	£12,187.50
16	U3847	Cuthbert Road	230	5.5	1265	£4,743.75
16	U3894	Eastfield Avenue	230	5.5	1265	£4,743.75
16	B9006	Old Perth Road (Part)	570	8	4560	£17,100.00
16	U4356	Sycamore Crescent	260	5.5	1430	£5,362.50
16	U4410	Mason Road	350	7	2450	£9,187.50
16	U4417/U4418	Provost Smith Crescent / Way	340	5.5	1870	£7,012.50
16	U4175	Old Edinburgh Road (North of Balloan Road Junction)	1000	8	8000	£30,000.00

Appendix 3 - Surface Dressing 2022/2023

Ward	Route	Road Name / Description	Length m	Width m	Area m²	Cost
17	U1849	Cameron Court	100	6	600	£2,250.00
17	C1028	Balloch Brae	1000	6	6000	£22,500.00
17	B9039	Castle Stuart A96 to Golf Club	2100	6	12600	£47,250.00
17	U1021	Flemington Farm Road	1400	3	4200	£15,750.00
17	B9006	Flemington Farm Schoolhouse to A96 Gollanfield	1160	5.5	6380	£23,925.00
17	U1347	Alturlie (Part)	1200	5.5	6600	£24,750.00
17	U2904	Murray Terrace, Smithton	500	5.5	2750	£10,312.50
17	U5341	Moray Park Wynd	670	6	4020	£15,075.00
17	U1335	MacLeod Road, Balloch	250	7.3	1825	£6,843.75
17	U1409	Cameron Avenue	300	5.5	1650	£6,187.50
17	U2892	Moray Park Gardens	370	6	2220	£8,325.00
17	U2055	Ferntower Avenue	700	6.5	4550	£17,062.50
17	B9039	Golf Club to Westerton Junction	500	6	3000	£11,250.00
17	C1024	Old Tornagrain to Cantray Crossroads	500	3.5	1750	£6,562.50
17	U2040	Hazel Avenue	400	6	2400	£9,000.00
17	U5103	Castlehill Gardens	680	5.5	3740	£14,025.00
19	B9006	Kings Stables	560	6	3360	£12,600.00
19	C1121	Coignafearn Road, Tomatin (Sections)	1000	3.5	3500	£13,125.00
19	U4714	Inshes Road	200	7.3	1460	£5,475.00
19	B9177	Drumossie Brae (section)	800	6	4800	£18,000.00
19	U2856	Findhorn Bridge to Slochd, Tomatin (Sections)	3000	6	18000	£67,500.00
19	C1051	Nairnside	2000	3.5	7000	£26,250.00
19	B9154	Daviot - Dalmagarry (Sections)	3000	6	18000	£67,500.00
19	U5708	Juniper Drive, Tomatin	350	5.5	1925	£7,218.75
19	C1028	Balloch to Keppoch Crossroads	1600	5.5	8800	£33,000.00

Appendix 3 - Surface Dressing 2022/2023

Ward	Route	Road Name / Description	Length m	Width m	Area m²	Cost
12	U1568	Moniack-Rebeg	1200	3.75	4500	£16,875.00
12	U1547	Glen Cannich (East Of Muchrachd Bridge)	2000	3.5	7000	£26,250.00
12	U1620	Balmacaan Road	800	7	5600	£21,000.00
12	U1706	Maple Vale, Beauly	400	5.5	2200	£8,250.00
12	A831	Shenval-Corrimony	1900	6	11400	£42,750.00
12	B852	Dores - Inverfarigaig (Part)	3000	5	15000	£56,250.00
12	U1556	Newtonhill from Inchmore	2000	3.5	7000	£26,250.00
12	C1102	Moniack-Clunes-Foxhole (Sections)	1000	3.5	3500	£13,125.00
12	U2975	Beauly-Dunmore-Rhiendown (Sections)	1000	3.5	3500	£13,125.00
12	A862	Brochies to Dunballoch	1145	6.5	7442.5	£27,909.38
12	U1140	Whitebridge - Garrogie	1000	3.5	3500	£13,125.00
12	B862	Torness	1300	6	7800	£29,250.00
12	A862	Inchmore-Moniack	6000	3.5	21000	£78,750.00
12	B862	Compass	800	4.75	3800	£14,250.00
12	B862	West of Whitebridge	900	6	5400	£20,250.00
12	B862	Knockie to Cattle Grid	2300	6	13800	£51,750.00
12	A862	Phopachy-Inchberry	1800	7.3	13140	£49,275.00
12	B851	A9- Littlemill- Inverarnie	2700	4	10800	£40,500.00
12	A831	Balnain-Kilmartin	2000	6	12000	£45,000.00
12	B851	East of Brin Nursery	700	5.5	3850	£14,437.50
12	B851	Garbole Junction to Farr Village	800	5	4000	£15,000.00
12	B862	Achnabat (Sections)	600	5.5	3300	£12,375.00
12	B862	East of Knockie (Sections)	1300	6.5	8450	£31,687.50
12	U1217	Trinloist (Sections)	1100	3.2	3520	£13,200.00
12	C1112	Glen Affric (Sections)	4000	3.5	14000	£52,500.00
12	U2518	Croyard Drive	200	6	1200	£4,500.00
12	C1064	Essich, East of McBain Park Crossroads	1600	3.5	5600	£21,000.00
12	B861	Various Sections				£40,000.00

Appendix 3 - Surface Dressing 2022/2023

Ward	Route	Road Name / Description	Length m	Width m	Area m²	Cost
12	B862	Loch Mhor-Gorthleck	800	3.75	3000	£11,250.00
12	U1778	Fort Augustus Canalside South	180	5	900	£3,375.00
12	U5079	Fort Augustus Millfield (Fire Station)	180	3.5	630	£2,362.50
12	U1774	Fort Augustus Canalside North	280	3.3	924	£3,465.00

Resurfacing Total (Appendix 2)	£1,614,550.00
Surface Dressing Total (Appendix 3)	£614,533.13
Overall Programme Total	£2,229,083.13