

The Highland Council

City of Inverness Area Committee – 2 June 2016

Agenda Item	11
Report No	CIA/ 27/16

Area Maintenance Programme for Roads and Bridges

Report by Director of Community Services

Summary

This report invites Members to approve the Maintenance Programme for Roads and Bridges for the City of Inverness Area for 2016/17.

1. Background

- 1.1 The 2016/17 budget allocation for road maintenance operations, and its distribution between the four Community Services Operational Areas, was agreed by the Community Services Committee at its meeting on 28 April 2016.
- 1.2 On 5 February 2015 the Committee agreed to approve the change to a 2 year cycle for the Principal Surfacing activities of Surface Dressing and Resurfacing. Maintenance programmes are prepared by the Area Community Services Manager in accordance with the principles set out in the Road Asset Management Plan for subsequent consultation and approval by Members.
- 1.3 The approved Community Services Committee area allocations can be found at **Appendix 1** to this report.

2. Budget Allocation

- 2.1 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
 - Other Cyclic and Routine Maintenance
 - **Structural Maintenance (Capital)** including:
 - Structural – Resurfacing (Overlay/Inlay)
 - Structural Integrity Improvements

- Surface Dressing
- Bridge Maintenance
- Additional Structural Road Maintenance

2.3 For operational purposes this report combines the budget allocations for Structural Activities.

2.4 Inverness Area teams carry out surface dressing operations in other areas, and in view of this have been able to spread the Inverness allocation to accommodate surface dressing programmes in both 2015/16 and 2016/17, thereby being able to treat key Inverness roads in both years, thus arresting significant deterioration. This report focuses on the 2016/17 programmes for:

- Structural – Surface Dressing (**Appendix 2**)
- Structural – Resurfacing (overlay / Inlay) (**Appendix 3**)
- Structural – Other Works (**Appendix 4**)
- Structural – Bridge Maintenance (**Appendix 5**)

3. Road Structural Maintenance Programmes

3.1 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

4. Bridge Maintenance

4.1 Schemes were selected for inclusion in this programme on the basis of defects reported during the programmed cycle of Principal and General Inspections on bridges.

4.2 Only relatively minor works of a routine maintenance type nature are generally included in the works programme. More significant works are included in the Capital Programme funded separately. The Bridge Maintenance programme also includes repair and replacement of Cattle Grids.

5. Implications

5.1 The combined programme for Structural Resurfacing, Structural Integrity Improvements, Surface Dressing and Additional Structural Maintenance enables the Council to meet its duty under the Roads (Scotland) Act 1984 within the Operational Area.

5.2 This report has no impact on equality, Gaelic, or climate change/Carbon

Clever considerations. However, there may be rural considerations where the lower road usage levels and distances between communities reduce the opportunity to maximize the impact of investment decisions when compared to more densely populated area /roads with greater usage levels.

- 5.3 All work will be managed within budget allocations from a resource perspective with the Council delivering its legal responsibilities. The risk implications include a continued reduction in the standard of road conditions across Inverness Area.

Recommendation

Members are invited to approve the Maintenance Programmes for Roads and Bridges for the City of Inverness Area for 2016/17.

Designation: Director of Community Services

Date: 18 May 2016

Author: Tracey Urry, Area Community Services Manager

Appendix 1 - Roads Budget Allocation 2016-17 (v1.3)

Description	Total	HQ	Caithness	Sutherland	Ross & Cromarty	Island of Skye	Nairn	Badenoch & Strathspey	Lochaber	Inverness
REVENUE										
Winter Allocation	£4,981,756	£92,624	£550,736	£967,177	£1,348,772	£383,359	£111,873	£396,441	£303,771	£827,003
Cyclic Maintenance	£5,356,389	£20,000	£585,382	£1,040,600	£1,299,777	£469,831	£200,032	£301,270	£529,597	£909,900
Drainage	£203,588		£22,333	£39,700	£49,588	£17,924	£7,631	£11,494	£20,205	£34,713
Gully Emptying	£300,000		£26,313	£15,713	£80,272	£6,123	£12,909	£18,509	£24,633	£115,527
Bridge Structural Maintenance	£607,042		£42,384	£128,518	£140,367	£51,043	£13,672	£43,751	£104,820	£82,488
Safety Barriers (Bid to HQ)	£250,000	£250,000								
Water Course Maintenance (Bid to HQ)	£250,000	£250,000								
Total Revenue Budget	£11,948,775	£612,624	£1,227,148	£2,191,707	£2,918,776	£928,280	£346,117	£771,465	£983,025	£1,969,632
CAPITAL Allocation (£4.5M)										
Structural - Overlay/Inlay	£1,150,000		£125,611	£203,323	£259,640	£128,911	£33,248	£65,927	£141,271	£192,069
Structural Integrity Improvements	£1,500,000		£379,189	£446,641	£0	£0	£91,446	£216,361	£367,854	£0
Surface Dressing	£1,500,000		£0	£0	£643,362	£337,150	£0	£0	£0	£517,998
Bridge Maintenance (HQ/CSE)	£350,000	£350,000								
Sub Total Capital	£4,500,000	£350,000	£504,799	£649,964	£903,002	£466,062	£124,694	£282,287	£509,124	£710,067
Additional Capital (£24.3M Year 1)										
Structural Road Maint (SRMCS)	£2,150,000		£234,837	£380,126	£485,415	£241,008	£62,160	£123,254	£264,115	£359,085
Road Markings (HQ/Area)(Road Length	£150,000	£150,000								
Bridge Maintenance (CSE)	£400,000	£400,000								
Sub-Total Additional Capital	£2,700,000	£550,000	£234,837	£380,126	£485,415	£241,008	£62,160	£123,254	£264,115	£359,085
Total Capital Allocation	£7,200,000	£900,000	£739,637	£1,030,091	£1,388,417	£707,069	£186,854	£405,541	£773,239	£1,069,152

Appendix 2 - Structural – Surface Dressing 2016/17

Inverness

Ward	Route	Location	Length (m)	Width (m)	Area (sq.m)	Comments
Ward 13						
13	A862	Lentran Station-Lentran Farm	800	6.5	5200	Surface Dressing
13	C1112	Fasnakyle-Glen Affric	4000	3.5	14000	Surface Dressing
13	U1423	Tommich- Ploda	1400	4	5600	Surface Dressing
13	U1480	Balblair, Altyre	1200	4	4800	Surface Dressing
13	U1492	Balblair, Craigscurrie	1420	3	4260	Surface Dressing
13	U1659	Dalchteichart	5600	4	22400	Surface Dressing
13	U1837	Culmill,farm, Kiltarlity	330	3.5	1155	Surface Dressing
13	C1076	Tordarroch-Duntelchaig-(Midtown)	6200	3.2	19840	Surface Dressing
13	C1064	Essich-Ashie	970	3.5	3395	Surface Dressing
13	B862	Dores Hill (Ashie)	600	5	3000	Surface Dressing
Ward14						
14	U4583	Scorguie Terrace	200	5.5	1100	Surface Dressing
14	U4584	Kincraig Terrace	180	5.5	990	Surface Dressing
14	U4428	Craigard Terrace	275	5.5	1512.5	Surface Dressing
14	U4676	Balnafettack Place	195	6	1170	Surface Dressing
14	U3790	Ballifeary Road	570	7	3990	Surface Dressing
14	U4427	Firthview (3 sections)	300	5.5	1650	Surface Dressing
Ward15						
15	U4043	Hilton Avenue	300	6	1800	Surface Dressing
15	U3864	Druid Road	315	6	1890	Surface Dressing
15	U4376	Trafford Avenue	223	5.5	1226.5	Surface Dressing
15	U3998	George Street	140	5.5	770	Surface Dressing
15	U4054	Innes Street	265	8	2120	Surface Dressing
Ward 16						
16	U3856	Dell Rd (Drynie Avenue-Tomatin Road)	260	7	1820	Surface Dressing
16	U1379	Boarstone Av Cul De Sac's (4sections)	680	5	3400	Surface Dressing
16	U3907	Erracht Rd, full length	140	5	700	Surface Dressing
Ward17						
17	U4138	Miers Avenue	250	6	1500	Surface Dressing
17	U3865	Drakies Avenue	620	6	3720	Surface Dressing
Ward 18						
18	U3172	Newton Road, Cawdor,full length	2000	3	6000	Surface Dressing
18	U3138	Culchary Road, Cawdor, full length	800	3	2400	Surface Dressing
18	U1303	Cullernie Rd, Balloch	160	4	640	Surface Dressing
18	U1303	Upper Cullernie, Balloch	50	7.5	375	Surface Dressing
18	U2170	Murray Place, Smithton	350	6	2100	Surface Dressing
18	C1009	Ardersier Cemetery - Baddock	700	3.5	2450	Surface Dressing
Ward 20						
20	C1121	Coignafearn-Garbole jct	3680	3.5	12880	Surface Dressing
20	B861	Leys Brae	1150	5.5	6325	Surface Dressing
20	C1028	Balloch, Clava - Culdoich	2000	3.5	7000	Surface Dressing

Total **£429,191.200**

Appendix 3 - Structural – Resurfacing 2016/17

Inverness

Ward	Route	Location	Length (m)	Width (m)	Area (sq.m)	Comments
Ward 13						
13	A862	Brockies Corner			2200	Resurfacing
13	C1072	Loch Laide	250	3	750	Resurfacing
13	U1837	Culmill Farm, Kiltarlity	350	3	1050	Resurfacing
Ward 14						
14	U1160	Leachkin Rd. From Lomond Gdns - No.9 The Croft	870	5.5	4780	Resurfacing
Ward 15						
15	U2937	Muirfield Lane from its Junction with Old Edinburgh Rd.	138	7.5	1040	Resurfacing
Ward 17						
17	U4175	Old Edinburgh Rd. From Damfield Rd - Anfield Rd.	460	6	2760	Resurfacing
Ward 18						
18	C1028	Balloch Brae. MacLeod Rd - Little Cullerne Rd.	200	5.5	1100	Resurfacing
Ward 20						
20	B851	Daviot, A9 towards Culloden	80	5	400	Resurfacing

Total **£343,000.00**

Appendix 4 - Structural – Other Works 2016/17

Inverness

Ward	Route	Location	Length (m)	Width (m)	Area (sq.m)	Comments
Ward 13						
13	B852	Dores-Foyers				Edge Repairs/Passing Place Construction
13		Canal Side, Fort Augustus				Slurry Seal Footpaths
Ward 15						
15	U4623	Railway Terrace			300	Structural Patching
15		Union Street/Queengate				Granite Channel kerb replacement
15		Queensgate/Church Street				Subsidence Repair
Ward 16						
16	B862	Ness Castle-Torbreck Jct.			750	Structural Patching
16	U3792	Balloan Road Junctions			400	Structural Patching
Ward 17						
17	U4112	Lotland Street Jct with Cromwell Road			250	Resurface Junction
17	U3865	Drakies, Various Locations				Footpath Repairs at vehicle crossings
17		Drakies Avenue			2200	Slurry Seal Footpaths
Ward 18						
18	C1017	B9039 to Airport (link road) Dalcross			250	Structural Patching
18	B9039	Dalcross				Repair Soakaways
18	U1852	Kenneth Pl, Junction with Murray Rd			150	Resurface Junction
All Wards						
All		Various roads				Hand/Machine Patching
All		Drainage				Various Locations
All		Various roads				Jet Patching
Ward 20						
20		Cradelhall Park (part)			3200	Slurry Seal Footpaths

Total **£290,000.00**

Appendix 5 - Structural – Bridge Maintenance 2016/17

Inverness

Ward	Route	Location	Length (m)	Width (m)	Area (sq.m)	Comments
Ward 13						
13	U2253	Kirkton Muir Bridge				Refurbishment
13	U1209	Ardochy				Cattle Grid Replacement
Ward 16						
16	C1040	Torbreck Bridge				Retaining Wall Replacement
All Wards						
All	All	General Bridge Maintenance				General Maintenance

Total **£82,488.00**