

Agenda Item	4
Report No	CIA/17/19

HIGHLAND COUNCIL

Committee: City of Inverness Area Committee – Special Meeting

Date: 28 March 2019

Report Title: Structural (Capital) Maintenance Programme 2019/20 for Inverness City and Area, and future strategic priorities for Inverness City

Report By: Director of Community Services

1 Purpose/Executive Summary

- 1.1 This report details the proposed 2019/20 Roads Capital Maintenance Programme for City of Inverness Area, which has been revised following the Members' seminar held on 28 February

2 Recommendations

- 2.1 Members are invited to approve the revised 2019/20 Roads Capital Maintenance Programme for the City of Inverness Area, noting the changes detailed in 4.1

3 Background

- 3.1 The proposed Roads Capital Maintenance Programme 2019/2020 for the Inverness City and Area was presented to Committee on 21 February 2019. **(Appendix 1)** Following a vote, the report was **NOTED** and it was **AGREED** that an urgent seminar be held with a special meeting of the Committee thereafter to approve the Roads Maintenance Programme 2019/20.
- 3.2 The seminar took place on 21 March. In addition a presentation made by officers at the seminar, focussed on the current distribution formula for Revenue and Capital Funding of Roads Maintenance, and provided clarity on the activities undertaken using these two sources of funding.
- 3.3 It was noted that the capital budget for 2019/20 is currently set at £6.2 m. The capital budget makes contributions to bridge maintenance, road markings, Scottish Timber Transport (match funding), cattle grids, road signs and safety barriers amounting to £1.1million. The remaining £5.1m is allocated to surface dressing, resurfacing and other structural repairs to the road and footways. The Capital Budget for Inverness City and Area is circa £830,000 (which is a reduction on the previously submitted City programme to reflect the current £6.2m allocation to roads).
- 3.4 The Roads budget revenue allocation provides funding for Winter Maintenance and Cyclic Maintenance. Cyclic Maintenance includes work such as pothole filling, surface patching, footway repairs, drainage (ditches), gully cleaning, road markings, traffic signs and verge maintenance. It was clarified that the additional £1.5m allocated to Roads at the February 2018 budget setting is for revenue funding. The Revenue Budget for Inverness City and Area for 2019/20 is: £2.056m which includes Winter.
- 3.5 Members were advised of the inter-dependency of revenue and capital funding of the roads budget in ensuring a balanced budget at year-end and the requirement for most of the capital programme to be undertaken by the in-house roads team. It was also noted that the skills of the in-house roads team were currently more directed towards surface dressing and minor structural integrity projects. Projects requiring the use of Hot Rolled Asphalt (HRA) or Stone Mastic Asphalt (SMA) material are primarily undertaken by external contractors.
- 3.6 The predominant issues to emerge from the briefing were:
- the current formula used to distribute capital resources in Inverness City and Area, based on Road Condition Indicator (RCI) and road length, is leading to a perceived imbalance of maintenance undertaken across the 7 Wards;
 - there is a need to move towards a more strategic approach for roads maintenance in Inverness, particularly in relation to the City's main arterial/distributor road network; and
 - it was recognised that, due to the backlog of structural maintenance and heavy cost associated with work to the main arterial network in the City, there would need to be phasing over a number of years given the current level of capital resources available, or alternatively additional capital resources would require to be identified.
- 3.7 Members agreed the following actions at the Seminar:
- to revise the proposed programme for 2019/20 based on Members' preferences to see more funding for the City's arterial routes;
 - to provide Members with advice regarding the condition of the City's arterial roads

- and indicative costs for structural maintenance;
- to identify potential options for additional capital funding to help support a more strategic approach for improved structural maintenance of the City's arterial roads
- to consider referral to re-design board:
 - a re-evaluation of the balance of the present workforce and how this impacts on the capacity to maintain our roads.
 - alternative approaches to procurement of road materials (i.e. Bitumen and Tarmacam)
- to consider the roll-out to Inverness, of the project currently being piloted in Glendale, Skye. This is seeking to promote more community involvement in road maintenance, with particular regard to minor adopted roads; and
- to continue to press for a review of the current budget distribution formula for Roads Funding for highland.

4 Revised Inverness Structural (Capital) Maintenance Programme 2019/20

4.1 In accordance with Member preferences expressed at the seminar, changes have been made to the original programme presented to the City of Inverness City and Area on 21 February which proposes projects are re-aligned from the rural to the urban roads. These changes are incorporated into the amended appendices attached to this report.

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

4.2 The impact of the changes proposed above will achieve a re-alignment of the capital resources available for 2019/20 such that a greater percentage is directed towards City arterial roads. The changes also support an enhanced surface dressing programme which can be undertaken by the in-house roads team.

5 City Arterial / Distributor roads and indicative costs for Structural Maintenance (Resurfacing).

5.1 The following arterial/distributor roads have been identified as requiring structural maintenance (HRA/SMA Resurfacing), and indicative costs and comments (where relevant) are provided:

Road	Indicative Cost (£000)	Comments
Old Edinburgh Road	400	Selected works in current year.
Millburn Road	955/1500*	*Includes drainage/kerbing (Emergency works in current year. Further work not recommended pending external funding).
Seafield Road*	150	* Industrial Estate Road
Crown Circus	130	

Scourguie/King Brude	150	Selected works in current year.
General Booth Road	150	
Clachnaharry Road/Telford Street	350	
Upper Academy Street	100	Currently not recommended due to alternative potential external funding sources
Lower Academy Street	150	Currently not recommended (as above)
Bridge Street/Castle Street/ View Place	170	
Culduthel Road	900	
Drummond Road	150/430*	*Includes Footpaths and channel drainage
Old Perth Road	250	Not recommended at present time due to future capital scheme.
Culloden Road (B9006)	220	
Barn Church Road	610	
Island Bank Road / Haugh Road	150	
Ness Walk (Fisherman's Hut)	110	Not recommended at present time due to potential external funding.
Total	6,500	

Further work needs to be undertaken to prioritise these roads.

6. Review of Current Roads Budget Distribution Method

- 6.1 At the City of Inverness Area Committee on 22 February 2018 there was a recommendation to the full Council “to review the allocation formula for roads maintenance to better reflect infrastructure design, usage and actual maintenance costs” (Item 7).
- 6.2 On 30 October 2018 a Members’ Workshop was held to review the current methodology for the allocation of the Roads Maintenance budget, and to discuss potential changes. Of the many opinions expressed by Members the 3 main issues prevalent on the day were:
- (i) Minor roads need to be given a higher maintenance priority, particularly those roads which are subject to heavy tourist traffic.
 - (ii) There has to be a greater recognition of urban costs, with particular emphasis on

road width and population.

(iii) Consideration be given to targeting the worst roads first (strategic evaluation).

- 6.3 At the seminar, Members expressed the view that 'Road Usage' figures would be a useful indicator in assisting to prioritise expenditure. At the present time, this information is not available but further work will be undertaken to investigate if it is possible to attain it.
- 6.4 Members across Highland are to discuss and consider further any changes to the formula.

7. Implications

- 7.1 Resource - All work will be managed within budget allocations from a resource perspective with the Council delivering its legal responsibilities.
- 7.2 Legal – The Council undertakes the Road Capital Maintenance Programme for the City of Inverness area in its duty as local roads authority under the Roads (Scotland) Act 1984.
- 7.3 Community (Equality, Poverty and Rural) – Due to the Rural nature of the Highlands, communities are dependent on the roads network
- 7.4 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).
- 7.5 Risk – Increased deterioration of the road network correlates directly with a lack of investment.
- 7.6 Gaelic - This report has no impact on Equality or Gaelic

Designation: Director of Community Services

Date: 26 March 2019

Author: Tracey Urry, Head of Roads and Transport

HIGHLAND COUNCIL

Committee: City of Inverness Area Committee

Date: 21st February 2019

Report Title: Roads Maintenance Programme 2019/20

Report By: Director of Community Services

1 Purpose/Executive Summary

- 1.1 This report details the proposed 2019/20 Roads Maintenance Programme for City of Inverness Area.

2 Recommendations

- 2.1 Members are asked to approve the proposed 2019/20 Roads Maintenance Programme for City of Inverness Area.

3 Background

- 3.1 This report outlines the proposed road maintenance programme for 2019/2020.
- 3.2 The Environment, Development and Infrastructure Committee local allocations budget has not yet been determined. Consequently the roads maintenance programme has been based on the original 2018/19 budget. In the event of the budget changing then the programme will be either curtailed or increased accordingly.

The primary objective would be to ensure little or no reduction to the surface dressing programme.

- 3.3 The approved 2018/19 Environment, Development and Infrastructure Committee 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 Renewal
 - Sign Maintenance
 - Drainage Maintenance
 - Gully Cleansing
 - Footpath Maintenance
 - Patching Repairs
 - Other Cyclic and Routine Maintenance
- **Structural Maintenance (Capital)** including:-
 - Surface Dressing
 - Structural – Resurfacing (Overlay/Inlay)
 - Structural Integrity Improvements
 - Additional Structural Road Maintenance
- **Bridge Maintenance (Revenue)**

- 4.2 For operational purposes this report combines the budget allocations for Capital Budgets 1 and 2.

- 4.3 The proposed Inverness Structural Maintenance (Capital) programme for 2018/19 is detailed under the following appendices:-

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

5 Road Structural Maintenance Programme

5.1 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);
- Safety Inspections;
- Service Inspections; and
- Input and feedback from Ward Members

6 Bridge Maintenance

6.1 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.

6.2 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.

7 Implications

7.1 Resource - All work will be managed within budget allocations from a resource perspective with the Council delivering its legal responsibilities.

7.2 Legal – The Council undertakes the Road Maintenance Programme for the City of Inverness area in its duty as local roads authority under the Roads (Scotland) Act 1984.

7.3 Community (Equality, Poverty and Rural) – Due to the Rural nature of the Highlands Communities are dependent on the roads network

7.4 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).

7.5 Risk – Increased deterioration of the road network correlates directly with a lack of investment.

7.6 Gaelic - This report has no impact on Equality or Gaelic

Designation: Director of Community Services

Date: 7 February 2019

Author: John Taylor, Road Operations Manager, Inverness

Appendix 2 - Structural Integrity Improvements – Surface Dressing 2019/20

Inverness

£299,465

Ward	Route	Location	Length (m)	Width (m)	Area (sq.m)	Comments
Ward 12						
12	A833	Belladrum, West of Belladrum Access	800	6.5	5200	Surface Dressing
12	A862	Beauly High Street	821	6.5	5336.5	Surface Dressing
12	B851	Croachy - Dunmaglass (Various)	1500	6	9000	Surface Dressing
12	B862	Whitebridge - Viewpoint (Various) & East of B852 Junction	2400	6.5	15600	Surface Dressing
12	C1060	Blackfold, East of Wester Altourie	3500	3.2	11200	Surface Dressing
12	C1076	Brin - Dunlichity (Various)	2700	3.2	8640	Surface Dressing
12	U1576	South Clunes West & Moniack Junction - Moniack Bridge	2560	3.5	8960	Surface Dressing
Ward 13						
13	U4579	Blarmore Avenue Cul de Sacs	920	5.5	5060	Surface Dressing
Ward 14						
14	U4395	Carnarc Crescent	500	5.5	2750	Surface Dressing
Ward 15						
15	U3867	Drumashie Road	170	5.5	935	Surface Dressing
15	U4691	Drumdevan Crescent	180	5.5	990	Surface Dressing
Ward 16						
16	U4416	Falcon Avenue	100	6	600	Surface Dressing
16	U4568	Raasay Road	200	6	1200	Surface Dressing
Ward 17						
17	C1017	Airport Link Road, B9039 to Airport	620	6.5	4030	Surface Dressing
17	U1247	Cameron Drive, Ardersier	245	5.6	1372	Surface Dressing
Ward 19						
19	B9154	Moy. North of Railway Bridge	900	6.5	5850	Surface Dressing
19	C14	Craggie - Culdoich (Various)	500	3.5	1750	Surface Dressing
19	U5060	Redwood Avenue, Milton of Leys	300	6.5	1950	Surface Dressing

Appendix 3 - Structural Integrity Improvements – Resurfacing 2019/20
Inverness
£346,405

Ward	Route	Location	Length (m)	Width (m)	Area (sq.m)	Comments
Ward 12						
12	A833	West of Belladrum Access	200	6.5	1300	Resurfacing
12	B851	Calanour Junction*	400	6.2	2480	*Resurfacing Subject to Budget
12	B851	West of Sockich (west of retaining wall)	100	6	600	Resurfacing
12	U1120	Faillie*	420	3.2	1344	*Resurfacing Subject to Budget
12		Fort Augustus. Canal Road, Abertarff (Millfield, Fire Station)				Resurfacing / Machine Patching
Ward 13						
13	C1118	King Brude Road, Pict Avenue to Scorguie Road	400	7.3	2920	Resurfacing
Ward 14						
14	U4625	Lower Kessock Street, Grant Street to India Street	220	7	1540	Resurfacing
Ward 15						
15	U4098	Lochy Road West*	100	5.5	550	*Resurfacing Subject to Budget
Ward 16						
16	B0853	Old Edinburgh Road (Various)	230	7.5	1725	Resurfacing / Machine Patching
Ward 17						
17	B9039	Castle Stuart - Ardersier. Near Golf Course.				Resurfacing / Patching
Ward 19						
19	C1121	Glenmazon - Garbole - Various Repairs*	200	3	600	*Resurfacing / Patching Subject to Budget

Appendix 4 - Structural Integrity Improvements – Other Works 2019/20

Inverness

£355,000.00

Ward	Route	Location	Length (m)	Width (m)	Area (sq.m)	Comments
Ward 12						
12	U1746	Balgate Drive, Kiltarlity				Slurry Seal Footways
Ward 13						
13	U3861	Dochfour Drive (part)				Slurry Seal Footways
Ward 14						
14	U4380	Queensgate/Union Street				Granite Kerb Replacement
Ward 15						
15	U3907	Erracht Road				Footway Resurfacing / Patching
Ward 16						
16	C1193	Kingsmills Road (part)				Slurry Seal Footways
All Wards						
All	All	Machine Patching / Patching (Various)*				Subject to Budget
All	All	Jetpatching (Various)*				Subject to Budget

Appendix 5 - Structural Integrity Improvements – Bridge Repairs 2019/20

Inverness

£64,000

Ward	Route	Location	Length (m)	Width (m)	Area (sq.m)	Comments
Ward 12						
12	A0833	Convinth Bridge				Repairs to arch barrel and wingwalls
12	U1074	Abersky				Replace cattlegrid
Ward 19						
19	C1121	Tomatin - Garbole. Corrievorrie Br				Replace timber deck
19	U4714	Milton of Leys Distributor Rd. Mill Burn Bridge				Repair scour damage to foundations
All Wards						
All	All	Vegetation Removal on Bridges				All Structures
All	All	General Bridge Maintenance / Repairs				General Manitenance / Emergency Repairs

Appendix 2 - Structural Integrity Improvements – Surface Dressing 2019/20

Inverness

£337,272

Ward	Route	Location	Length (m)	Width (m)	Area (sq.m)	Comments
Ward 12						
12	A833	Belladrum, West of Belladrum Access	800	6.5	5200	Surface Dressing
12	A862	Beauly High Street	821	6.5	5336.5	Surface Dressing
12	B851	Croachy - Dunmaglass (Various)	1500	6	9000	Surface Dressing
12	B862	Whitebridge - Viewpoint (Various) & East of B852 Junction	2400	6.5	15600	Surface Dressing
12	C1060	Blackfold, East of Wester Altourie	3500	3.2	11200	Surface Dressing
12	U1576	South Clunes West & Moniack Junction - Moniack Bridge	2560	3.5	8960	Surface Dressing
Ward 13						
13	U4497	Little Kenneth St	100	7.5	750	Surface Dressing
13	U4579	Blarmore Avenue Cul de Sacs	920	5.5	5060	Surface Dressing
Ward 14						
14	U4395	Carnarc Crescent	500	5.5	2750	Surface Dressing
14	U3878	Dunabban Road	140	7	980	Surface Dressing
Ward 15						
15	B862	Dores Road - Drumblair Cresc to Holm Park	550	7	3850	Surface Dressing
15	C1064	Stratherrick Rd - Ardholm PI to Ardness PI	200	7.3	1460	Surface Dressing
15	C1017	Drumashie Road	170	5.5	935	Surface Dressing
15	U4691	Drumdevan Crescent	180	5.5	990	Surface Dressing
Ward 16						
16	B853	Annfield Road	400	7.3	2920	Surface Dressing
16	U4403	Old Perth Rd - Old Road	240	5.5	1320	Surface Dressing
16	U4416	Falcon Avenue	100	6	600	Surface Dressing
16	U4568	Raasay Road	200	6	1200	Surface Dressing
Ward 17						
17	U1058	Smithton Road - From Hotel to Resaurie	550	6	3300	Surface Dressing
17	C1017	Airport Link Road, B9039 to Airport	620	6.5	4030	Surface Dressing
17	U1247	Cameron Drive, Ardersier	245	5.6	1372	Surface Dressing
Ward 19						
19	B9154	Moy. North of Railway Bridge	900	6.5	5850	Surface Dressing
19	C14	Craggie - Culdoich (Various)	500	3.5	1750	Surface Dressing
19	U5060	Redwood Avenue, Milton of Leys	300	6.5	1950	Surface Dressing

£337,272

Appendix 3 - Structural Integrity Improvements – Resurfacing 2019/20
Inverness
£331,310

Ward	Route	Location	Length (m)	Width (m)	Area (sq.m)	Comments
Ward 12						
12	B851	West of Sockich	100	6	600	Resurfacing
12	U5079	Fort Augustus. Canal Road, Abertarff (Millfield, Fire Station)	200	6	600	Resurfacing / Machine Patching
Ward 13						
13	C1118	King Brude Road (Pict Avenue to Scorguie Road)	400	7.3	2920	Resurfacing
Ward 14						
14	U4625	Lower Kessock Street (Grant Street to India Street)	220	7	1540	Resurfacing
Ward 15						
15	U4098	Lochy Road West	100	5.5	550	Resurfacing
Ward 16						
16	B0853	Old Edinburgh Road (Various Sections)	300	7	2100	Resurfacing / Machine Patching
16	B865	Millburn Road	300	3.65	1095	Resurfacing / Machine Patching
16	U3842	Crown Drive (Victoria Dr to Cawdor Rd)	120	7	840	Resurfacing
Ward 17						
17	B9039	Castle Stuart - Ardersier. Near Golf Course.	150	6	900	Resurfacing / Patching
Ward 19						
19	C1121	Glenmazon - Garbole - Various Repairs	300	3	900	Resurfacing

£331,310

Appendix 4 - Structural Integrity Improvements – Other Works 2019/20

Inverness

£165,000.00

Ward	Route	Location	Length (m)	Width (m)	Area (sq.m)	Comments
Ward 12						
12	U1746	Balgate Drive, Kiltarlity				Slurry Seal Footways
Ward 13						
13	U3861	Dochfour Drive (part)				Slurry Seal Footways
Ward 14						
14	U4380	Queensgate/Union Street				Granite Kerb Replacement
Ward 15						
15	U3907	Erracht Road				Footway Resurfacing / Patching
Ward 16						
16	C1193	Kingsmills Road (part)				Slurry Seal Footways
All Wards						
All	All	Machine Patching / Patching (All Wards)				Subject to Budget
All	All	Jetpatching (All Wards)				Subject to Budget
						£165,000