

**The Highland Council**  
**City of Inverness Area Committee**  
**2 June 2015**

Agenda Item	7
Report No	CIA/26/15

**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 2015/16.

**1. Background**

- 1.1 The 2015/16 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 5 February 2015.
- 1.2 The Committee also 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:
    - Verges 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

2.3 For operational purposes this report combines the budget allocations for Structural Resurfacing and Structural Integrity Improvements.

2.4 Although No Surface Dressing work was originally programmed for Inverness in 2015, Inverness Area teams will however be carrying out surface dressing operations in Nairn and Badenoch & Strathspey Areas and in view of this we have included a number of key Surface Dressing schemes for inclusion in the 2015 Inverness programme. These being where significant deterioration would occur were works not to be actioned prior to 2016.

- Structural Integrity – Resurfacing (Overlay/Inlay) (**Appendix 2**)
- Structural Integrity – Other Works (**Appendix 3**)
- Bridge Maintenance (**Appendix 4**)

### **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 non-specialist, 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 and Structural Integrity Improvements 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, Climate Change or 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.

<b>6. Recommendation</b>	
6.1	Members are invited to:  Approve the Maintenance Programmes for Roads and Bridges for the City of Inverness Area for 2015/16.

Designation: Director of Community Services

Date: 18 May 2015

Author: Tracey Urry, Area Community Services Manager

**APPENDIX 1 - Roads Budget Allocation 2015/16 - Approved at Community Services Committee 5<sup>th</sup> February 2015**

Activity	Total Budget	HQ	Caithness & Sutherland	Skye, Ross & Cromarty & Easter Ross	Nairn, Badenoch & Strathspey, Lochaber	Inverness
<b>REVENUE</b>						
Winter Maintenance	£4,861,756	£101,492	£1,560,567	£1,654,419	£774,073	£771,205
Cyclic Maintenance	£5,356,389	£20,000	£1,624,352	£1,766,611	£1,038,516	£906,910
Drainage	£203,587		£61,970	£67,398	£39,620	£34,599
Gully Emptying	£300,000		£41,624	£80,468	£56,082	£121,826
Bridge Structural Maintenance	£607,042		£165,873	£190,623	£178,031	£72,515
Safety Barriers	£250,000	£250,000				
Flood Risk Maintenance	£250,000	£250,000				
Total Revenue	<b>£11,828,774</b>	<b>£621,492</b>	<b>£3,454,386</b>	<b>£3,759,519</b>	<b>£2,086,322</b>	<b>£1,907,055</b>
<b>CAPITAL</b>						
Structural Road Maintenance: Resurfacing (Overlay/Inlay)	£1,150,000		£301,635	£400,572	£252,694	£195,099
Structural Road Maintenance: Patching and Regulating *	£1,500,000		£0	£1,019,146	£0	£480,854
Surface Dressing	£1,500,000		£730,056	£0	£769,944	£0
Bridge Maintenance	£350,000	£350,000				
Total Capital	<b>£4,500,000</b>	<b>£350,000</b>	<b>£1,031,691</b>	<b>£1,419,718</b>	<b>£1,022,638</b>	<b>£675,953</b>
Total Budget	<b>£16,328,774</b>	<b>£971,492</b>	<b>£4,486,077</b>	<b>£5,179,237</b>	<b>£3,108,960</b>	<b>£2,583,008</b>

**Note:** \* Preparatory work for Resurfacing and Surface Dressing in the following year.

## APPENDIX 2 – Structural Integrity Improvements – Resurfacing 2015/16

### Inverness

Ward	Route	Location	Length (m)	Width (m)	Area (sq.m)	Comments
<b>Ward 13 – Aird &amp; Lochness</b>						
13	A833	Convinth Near Burial Ground (Structural Patching)	300	1.5	450	Resurfacing
13	A833	Glenconvinth Double Bend Near Lochs	300	6.5	1950	Resurfacing
13	A833	Redburn Uphill from Redburn (Structural Patching)	800	1.5	1200	Resurfacing
13	B851	Dunmaglass Near to School	200	5.5	1100	Resurfacing
13	B862	Dores - Fort Augustus Dores Hill (Balnafoich)	500	3.5	1750	Resurfacing
13	B862	Inverness – Dores Various Edges (Structural Patching)	100	1.5	150	Resurfacing
13	U	Bunloit Rd From A82 to first corner + 2 bad bends	250	4	1000	Resurfacing
<b>Ward 14 – Inverness West</b>						
14	U	General Booth Road Assynt Rd to Suilven Way (Reconstruction)	270	7.3	1971	Resurfacing
<b>Ward 15 – Inverness Central</b>						
15	U	Railway Terrace Subsided Section (Structural Patching)			75	Resurfacing
15	U	Strothers Lane Subsided Section (Structural Patching)			75	Resurfacing

**APPENDIX 2 – Structural Integrity Improvements – Resurfacing 2015/16 Con't**

**Inverness**

<b>Ward</b>	<b>Route</b>	<b>Location</b>	<b>Length (m)</b>	<b>Width (m)</b>	<b>Area (sq.m)</b>	<b>Comments</b>
<b>Ward 17 – Inverness Millburn</b>						
17	U	Crown Road Part of Hill	105	7	735	Resurfacing
17	U	Crown Road Part of Hill	100	1.6	160	Resurfacing
<b>Wards (All)</b>						
All	U	Structural Patching / Junctions			200	Resurfacing
<b>Ward 20 – Inverness South</b>						
20	U	Daviot to Balnafaich Near to Quarry Offices	160	3.5	560	Resurfacing

## APPENDIX 3 – Structural Integrity Improvements – Other Works 2015/16

### Inverness

Ward	Route	Location	Length (m)	Width (m)	Area (sq.m)	Comments
<b>Ward 13 – Aird &amp; Lochness</b>						
13	A862	Lovat Bridge to Dunballoch	950	7	6650	Surface Dressing
13	B862	South of Errogie	100	6	600	Surface Dressing
13	B862	East of Calanour (2 sections)	720	5	3600	Surface Dressing
13	B862	Achnabat to Loch Ceo Glais	2200	5	11000	Surface Dressing
13	U	Broallan, Existing Overlay	1200	3.3	3960	Surface Dressing
13	U	Lentran Lodge - Lentran Cottages	350	3.5	1225	Surface Dressing
13	U	Kilmore Road, Drumnadrochit A82 to Burial Ground	640	5.5	3520	Surface Dressing
13	U	Glen Affric Road / Near Dog Falls				Reconstruct Retaining Wall
13	A862	Inchmore Village			80	Footpath Reconstruction
13	U	Kilmore Rd, Drumnadrochit				Drainage Scheme
13	U	Lentran Station / Newtonhill / Greenloaning				Drainage Scheme
13	U	Fort Augustus / Canal Side South			40	Patching
13	A833	Drumnadrochit to Beaully / Cul na Kirk Brae				Embankment Stabilisation
13	C	Kiltarlity to Struy / East Of Mauld Br				Embankment Repairs
<b>Ward 14 – Inverness West</b>						
14	A862	Clachnaharry Road, At Bridge	30	6	180	Surface Dressing
14	U	King Brude Rd, From Clachnaharry Road	134	6	804	Surface Dressing
14	U	General Booth Rd - Suilven Way to Assynt Rd				Drainage Work
14	U	King Brude Rd - Scorguie Rd to 6 King Brude Rd	332	1.7	564	Slurry Seal
14	U	Torvean Avenue				Footpath Repair
14	C	Ness Walk o/s Old RNI			80	Patching
<b>Ward 15 – Inverness Central</b>						
15	U	Birnie Terrace	100	7	700	Surface Dressing

### APPENDIX 3 – Structural Integrity Improvements – Other Works 2015/16 Con't

#### Inverness

Ward	Route	Location	Length (m)	Width (m)	Area (sq.m)	Comments
15	U	Lochalsh Rd / Dunabban Rd Part	535	6.5	3477.5	Surface Dressing
15	U	Union St / Queensgate Granite Channel Kerb Replacement				Patching
<b>Ward 16 – Inverness Ness-side</b>						
16	U	Kintail Crescent	360	7	2520	Surface Dressing
16	U	Morven Road	200	6	1200	Surface Dressing
<b>Ward 17 – Inverness Millburn</b>						
17	U	Ashton Rd – culdesac (13-31)	100	6	600	Surface Dressing
17	U	Ashton Road (69-91)	100	5.5	550	Surface Dressing
17	U	Ashton Road (93-123)	88	5.5	484	Surface Dressing
17	U	Drumossie Avenue (163-193)	110	6	660	Surface Dressing
17	B	Culcabock Rd o/s Fluke Bar			50	Patching
<b>Ward 18 – Culloden &amp; Ardersier</b>						
18	B9090	Celphanton – Cawdor (Over Bridge)	70	3.75	262.5	Surface Dressing
18	U	West End Dr, Ardersier	140	6	840	Surface Dressing
18	B9090	Cawdor to Nairn (Culcharry Junction to Cawdor)	1400	6	8400	Surface Dressing
18	U	Dalcroy Rd (2 Cul De Sacs)	200	6	1200	Surface Dressing
18		Barn Church Rd - Culloden Rd to Cherry Park	330	1.8	594	Slurry Seal
18		Barn Church Rd / Smithton				Footpath Repairs
18	B9039	Dalcross to Ardersier (soakaways etc)				Drainage Works
18	B9092	Smithstown to Balnagowan (soakaways etc)				Drainage Works
<b>Ward 20 – Inverness South</b>						
20	B851	Newton of Leys (South of Treatment Plant)	450	5.5	2475	Surface Dressing
20	U	Tomatin (Old A9 to Raigbeg)	1730	3.5	6055	Surface Dressing
20	U	Coignafearn Road (From old A9 to Cottages)	320	3.5	1120	Surface Dressing



**APPENDIX 3 – Structural Integrity Improvements – Other Works 2015/16 Con't**

**Inverness**

<b>Ward</b>	<b>Route</b>	<b>Location</b>	<b>Length (m)</b>	<b>Width (m)</b>	<b>Area (sq.m)</b>	<b>Comments</b>
<b>20</b>	U	Redwood Ave/Cres – From Main Road	330	7	2310	Surface Dressing
<b>20</b>	B9006	Inverness to Croy / Blackpark				New Drain
<b>20</b>	U	Tomatin / School Rd				Reconstruction of Speed Table
<b>20</b>	U	Coignafearn Rd / Glenmazeran				Embankment Repairs
<b>All Wards</b>						
<b>All</b>		Various Locations				Jetpatcher Patching

## APPENDIX 4 – Structural Integrity Improvements – Other Works 2015/16

### Inverness

Ward	Route	Location	Length (m)	Width (m)	Area (sq.m)	Comments
<b>Ward 13 – Aird &amp; Lochness</b>						
13	U	Balnaberan Cattle Grid				Replace Cattle Grid
13	U	Abersky Cattle Grid				Replace Cattle Grid
13	A831	Polmaily Removal of vegetation on footways, fill in scour hole & regrade invert				Bridge Maintenance
13	A831	Balnain Smithy Removal of vegetation on footways, fill in scour hole & regrade invert				Bridge Maintenance
13	C1072	Belladrum Anti-skid treatment to timber deck, sand blasting & painting, vegetation removal				Bridge Maintenance
<b>Ward 18 – Culloden &amp; Ardersier</b>						
18	C1154	Blarandualt Pointing repairs on downstream side, replace missing stones				Bridge Maintenance
18	U1169	Baraven Minor pointing to upstream parapet & wing walls				Bridge Maintenance
<b>Ward 20 – Inverness South</b>						
20	B9154	Meallmore Pointing repairs on upstream side & parapet, cut back overgrown grass verge				Bridge Maintenance
20	U2786	Inverness Pointing repairs to abutments & NE corner				Bridge Maintenance

**APPENDIX 4 – Structural Integrity Improvements – Other Works 2015/16 Con't**

**Inverness**

Ward	Route	Location	Length (m)	Width (m)	Area (sq.m)	Comments
<b>All Wards</b>						
All		Various Locations General Bridge Maintenance Repairs				Bridge Maintenance