

Agenda Item	6
Report No	SRC/017/15

## 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 Skye, Ross and Cromarty 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:
    - 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

2.3 For operational purposes this report combines the budget allocations for Structural Resurfacing and Structural Integrity Improvements as both operations are a pre-cursor to Surface Dressing Operations in subsequent years.

2.4 Skye, Ross and Cromarty will deliver its Surface Dressing operation in the second year (2016/17) of the agreed 2 year cycle and there will be no Surface Dressing operation within Skye, Ross and Cromarty in 2015/16. The area budget allocation has been realigned to enable preparation work to be undertaken through the Structural Integrity Improvement budget for the subsequent years Surface Dressing Programme. Therefore, this report focuses on the 2015/16 programmes for:

- Structural – Resurfacing (Overlay/Inlay) (**Appendix 2**) and
- Bridge Maintenance (**Appendix 3**)

### **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 in excess of 5.0 metres.

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 Skye, Ross and Cromarty.

### **Recommendation**

Members are invited to:

Approve the Maintenance Programmes for Roads and Bridges for the Skye, Ross and Cromarty Area for 2015/16.

Designation: Director of Community Services

Date: 8 April 2014

Author: Tina Luxton, Area Community Services Manager

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

Activity	Total Budget	HQ	Caithness and Sutherland	Skye, Ross and Cromarty and Easter Ross	Nairn, Badenoch and 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 Overlay/Inlay and Structural Integrity Improvements 2015/16

### Skye, Ross and Cromarty

Ward	Route	Location	Length (m)	Width (m)	Area (sq.m)	Comments
<b>Ward 6 - WesterRoss, Strathpeffer and Lochalsh</b>						
6	U3118	Achilty – Power Station	1350	3.5	4725	Machine Patching
6	U3118	Scatwell power station – Meig Dam	230	3.5	805	Machine Patching
6	U3124	Gorstan side road	150	4.0	600	Overlay
6	A890	Achnashellach Rail Station car - Lodge House	450	2.5	1125	Inlay
6	A890	Achnashellach Lodge House – Balnacra	750	4.5	3375	Overlay
6	A890	Strathcarron Level crossing – Attadale Bridge	300	8.0	2400	Overlay
6	A896	Top of Kishorn Hill	300	4.0	1200	Overlay
6	A896	Kishorn Village	200	4.5	900	Overlay
6	A896	Shieldaig – rock slope	175	5.5	965	Overlay
6	U5133	Lower Daibeg	650	3.0	1950	Overlay
6	A832	North Tollaidh (lochside)	50	3.5	175	Inlay
6	A832	Badcaul – Badbea	300	2.5	700	Machine Patching
6	B8057	West of Inverasdale School	350	4.0	1400	Overlay
6	B8057	West of Inverasdale School	200	2.0	400	Machine Patching
6	B8057	Poolewe village	75	2.0	150	Inlay
6	B8057	Poolewe junction	25	5.5	140	Inlay
6	U3904	Quay Street , Ullapool	200	2.0	400	Machine Patching
6	C1231	Erbusaig - Badicaul	550	5.5	3025	Overlay
6	C1223	Mam Ratagan	370	3.5	1295	Overlay
6	U4948	Braeintra	700	3.3	2310	Overlay
<b>Ward 7 – Cromarty Firth</b>						
7	U1992	Swordale Road (at Lower Park)	170	2.8	480	Overlay
7	U2030	Balconie Steading, Evanton	60	4.0	240	Overlay
7	U1991	Glenglass Road (above Redburn)	960	2.8	2690	Overlay

**Appendix 2 - Structural Overlay/Inlay and Structural Integrity Improvements 2015/16 Con't**

7	U1991	Glenglass Road (at pylon line)	230	2.8	645	Overlay
7	A862	Mineral Bridge	100	3.0	300	Overlay
<b>Ward 8 – Tain and Easter Ross</b>						
8	B9175	Nigg Oil Terminal	200	7.5	1500	Overlay
8	C1004	Inver-Tarrel Road (at Inver Kennels)	550	5.0	2750	Overlay
8	U1413	Gazza, Portmahomack	175	2.75	485	Overlay
8	U1410	Balnabruach	300	2.8	840	Overlay
8	C1008	Clay of Allan (edges)	220	1.2	265	Overlay
<b>Ward 9 – Dingwall and Seaforth</b>						
9	A862	Craig Road, Dingwall	150	2	300	Machine Patching
9	A834	Ambulance Station – Industrial Estate, Dingwall	250	4	1000	Inlay
9	C1071	Docharty Road, Dingwall	200	6	1200	Inlay
9	A862	High Street (Riverbank Rd – Drouthy Duck), Connon Bridge	150	7	1050	Inlay
9	A832	Lillyloch 30 Signs – Tarradale, Muir of Ord	250	2	500	Inlay
9	U2650	Industrial Estate 1(South) towards Ansco	100	7	700	Inlay
<b>Ward 10 – Black Isle</b>						
10	U4631	Station Road, Fortrose	250	6	1500	Inlay
10	U2722	Brae Park, Munlochy	175	6	1050	Inlay
10	U3078	Allangrange (various)	150	3.5	525	Overlay
10	U2615	Upper Craigton, North Kessock	200	2.75	550	Overlay
10	C1039	Main Street, North Kessock	125	4	1000	Inlay
10	U2720	Drumsmittal Road, North Kessock	400	3	1200	Inlay
10	U2585	Tore - Belmaduthy	100	3.5	350	Overlay
10	U2639	Mulbuie - Newton	100	4.0	400	Overlay
10	B9163	Culbokie - Balblair	300	2.0	600	Machine Patching
10	U2505	Eathie Road (chicane)	150	3.5	525	Overlay
10	C1035	Wester Templands	200	4.0	800	Overlay
10	C1035	Limekilns	250	4.0	1000	Overlay

**Appendix 2 - Structural Overlay/Inlay and Structural Integrity Improvements 2015/16 Con't**

Ward	Route	Location	Length (m)	Width (m)	Area (sq.m)	Comments
<b>Ward 11 – Eilean a Cheo</b>						
11	B8083	Broadford – Elgol, (1km North of Suardal)	600	5.5	3300	Overlay
11	B8083	Broadford – Elgol (Kilbride Jct – Grid)	900	4.0	3600	Overlay
11	C1240	Heaste Road	900	3.3	2970	Overlay
11	C1242	Tarskavaig Loop Road (Old College – Grid)	750	3.5	2625	Overlay
11	A850	Glen Bernisdale - Treaslane (2 Sections)	800	6.0	4800	Overlay
11	A863	Sumardale	500	5.8	2900	Overlay
11	A863	Guesto – Struan	1250	5.8	7250	Screed
11	B885	Hill Road, A87 Junction – Grid	450	3.3/6.0	2325	Inlay
11	U4784	Glen Connon	600	3.3	1980	Overlay
11	U4768	Sheder	400	3.3	1320	Paver Patch
11	B884	Lonmore – Skinidin	900	3.5	3150	Overlay

Note : A further update on two perspective sites in Ward 6 will be provided at the Area Committee meeting following additional more detailed inspections.

### Appendix 3 - Bridge Maintenance 2015/16

#### Ward 6 – Wester Ross, Strathpeffer and Lochalsh

Ward	Route	Bridge Reference	Bridge Name	Description of Works
<b>Ward 6 - Wester Ross, Strathpeffer and Lochalsh</b>				
6	A832	A08320289	<b>Slattadale</b>	Remove trees and vegetation from in proximity to wingwalls, verge and carriageway.
6	A832	A08320330	<b>Poolewe</b>	Remove vegetation, rod out drainage outlets and re-paint pedestrian railings
6	A832	A08320330C29	<b>Tournaig</b>	Clear all vegetation from on and around structure and install effective Road Restraint System to both sides of the road.
6	A832	A08320360	<b>Inverianvie</b>	Rebuild uplink training wall and repoint both training walls. Repoint joints and remove vegetation.
6	A832	A08320440	<b>Allt Leacach</b>	Replace missing panels. Drill holes in parapet posts. Undertake minor concrete repairs, install drip check and remove vegetation
6	A890	A08900129	<b>Allt Chrubaidh</b>	Repair embankment. Unblock pipes and remove vegetation.
6	A890	A08900150	<b>Luib</b>	Clear Offlets. Repair timber post and rail fences.
6	B8021	B80210010	<b>Gairloch</b>	Clear vegetation and silt from downlink invert. Remove vegetation from batter paving.
6	B8056	B80560040	<b>South Erradale</b>	Remove vegetation
6	U3716	U37160010	<b>Achintraid</b>	Replace missing bolt and missing/damaged poles. Fill void underneath each of the downlink wingwalls. Install drip check and remove vegetation.
6	C1047	C10470010	<b>Allt Liathdoire</b>	Repair damaged rail. Unblock existing offlets and provide additional offlets on downlink approach.
6	B8057	B80570040	<b>Midtown</b>	Re-profile river bed.
6	U3390	U33900010	<b>Achvraie</b>	Replace damaged bar and mass concrete base on safety fence



Appendix 3 – Bridge Maintenance 2015/16 con't

Ward	Route	Bridge Reference	Bridge Name	Description of Works
6	U4884	U48840039	Ling	Clear debris and vegetation from bearing shelves.
6	U4929	U49290010	Allt A Chruin	Replace missing stone. Install drip pipes to allow drainage of arch backfill. Reset masonry at parapet end. Remove vegetation from parapet, training walls, wingwalls and abutments.
6	U4948	U49480020	Braeintra	Excavate road, parapet and spandrel to head of masonry arch and concrete over. Provide temporary steel quickbridge over until spandrel walls repaired and rebuilt.
6	U4997	U49970010	Scallasaig Bailey	Remove vegetation/moss growth from bearing shelves. Repoint areas of blockwork. Remove tree and scrub from both sides of bridge.
6	C1223	C12230100	Upper Sandaig	Repair carriageway to ensure positive drainage. Clear footways and channels of vegetation. Remove vegetation adjacent wingwalls.
6	C1223	C12230030G83	Above Moyle Jct	Replace Cattle Grid
6	U4948	U49480020G02	Braeintra 1	Replace Cattle Grid
6				Contingency for Emergency Works – Cattle Grid Failure
<b>Ward 7 – Cromarty Firth</b>				
7	B9176	B91760050	Crannich	Clear Invert of gravels and trees. Reprofile bed.
7	B817	B08170040	Contullich	Remove Vegetation, Debris and other Detritus.
7	U1989	B19890020	Contullich Burn	Remove Debris and other Detritus
7	U1989	U19890030	Culcraggie Farm	Pointing Works. Remove/Cut Back Tree.
7	C1023	C10230020	Clyne	Repair damaged Parapet.
7	U1991	U19910010	Redburn	Repair damaged Parapet
<b>Ward 8 – Tain and Easter Ross</b>				
8	B817	B08170090	Pollo	Repair and Point damaged Parapet