

The Highland Council
Lochaber Area Committee
26 August 2013

Agenda Item	11
Report No	LA 7/13

Maintenance Programme for Road and Bridge Works

Report by Director of Transport, Environment and Community Services

Summary

This report invites Members to approve the Maintenance Programmes for Resurfacing and Bridge Maintenance for the Lochaber Area for 2013/14, and note the Surface Dressing Programme which was completed earlier this year.

1. Introduction

- 1.1 The Highland Council has a statutory obligation under the Roads (Scotland) Act 1984 to manage and maintain the local public road network.
- 1.2 The budget for roads maintenance is set by the Transport, Environmental and Community Services Committee and is devolved to Area level for operational purposes.
- 1.3 Maintenance programmes are prepared by the Area Roads and Community Works Manager in accordance with the principles set out in the Road Asset Management Plan and presented to Members for approval.

2. Budget Distribution

- 2.1 The Road Maintenance budgets are allocated under the following headings:

Winter Maintenance (Revenue)

Cyclic Maintenance (Revenue) including:

- Surface Dressing
- Verge maintenance
- Road Marking Renewal
- Sign Maintenance
- Drainage Maintenance
- Gully Cleansing
- Footpath Maintenance
- Patching
- Other Cyclic and Routine Maintenance

Structural Maintenance (Capital) including:

Road Structural Maintenance
Bridge Structural Maintenance

2.2 A broad description of these activities is provided in **Appendix 1** to this report.

2.3 This report focusses on the 2013/14 programmes for:

- Surface Dressing (**Appendix 2**)
- Road Structural Maintenance (**Appendix 3**)
- Bridge Maintenance (**Appendix 4**)

3. Road Maintenance Programmes

3.1 Schemes were selected for inclusion in these programmes on the basis of need using information gathered from a variety of sources.

- SRMCS road condition survey and map based computer analysis – using data gathered at road speed using specialist survey vehicles and equipment
- Safety Inspections
- Detailed Inspections
- Requests from Members and members of the public

3.2 Schemes have been prioritised with the safety of the travelling public and sustainability of the road network as the main objectives. The main factors considered are:

- Road condition
- Likelihood of further deterioration
- Lifeline status
- Usage and traffic level
- Public and school transport route
- Economic and social need

4. Implications

4.1 There are no resource implications as all proposals are within the allocated budgets.

4.2 There are no legal implications arising from this report.

4.3 There are no known equalities issues, although maintenance of the road network will enable better access to services for everyone.

4.4 New patterns of rainfall seem to be occurring leading to wash out and blockage of drains. The focus on drainage improvements for the additional funding and the proposed camera survey techniques will help to mitigate the situation while at the same time reducing the exposure of the road construction

layers to water seepage thus extending the life of the road.

4.5 There are no risk implications arising from this report.

5. Recommendation	
5.1	Members are invited to approve the Maintenance Programmes for Road Structural Maintenance and Bridge Structural Maintenance for Lochaber Area for 2013/14, and note the Surface Dressing Programme which was completed earlier this year.

Designation: Director of Transport, Environmental & Community Services

Date: 12 August 2013

Author: Cameron Kemp, Area Roads & Community Works Manager

Appendix 1

Lochaber Area

Road and Bridge Maintenance Activities

Activity	Surface Dressing
<p>The Highland Council has a statutory obligation under the Roads (Scotland) Act 1984 to manage and maintain the local road network. This activity delivers a programme of road maintenance treatments, or works, on carriageways, footways and cycleways that repair surface defects such as cracking or polishing of the surface aggregates. Treatments that seal the surface prolong the life of the asset by preventing ingress of water which can lead to frost damage and deterioration of the constituent construction materials. It is also very important to maintain adequate friction levels for safety reasons.</p> <p>For carriageway, footways and cycleways the treatments will include:</p> <ul style="list-style-type: none">• Surface dressing: bitumen spray and stone aggregate chippings• Thin surface materials• Specialist friction enhancing treatments	
Activity	Structural Maintenance
<p>The Highland Council has a statutory obligation under the Roads (Scotland) Act 1984 to manage and maintain the local road network. This activity delivers a programme of road maintenance treatments, or works, that repair defects affecting the structural strength and life of the asset; including bridges, retaining walls, cattle grids, road restraint systems, carriageways, footways and cycleways.</p> <p>For carriageways, footways and cycleways the treatments will include:</p> <ul style="list-style-type: none">• Overlay and inlay of bituminous materials – the wearing course• Complete renewal of one or more of the structural layers, using recycled materials where available. <p>For bridges, retaining walls, cattle grids and road restraint systems treatments will include:</p> <ul style="list-style-type: none">• Renewal of bridge decks• Pressure grouting of masonry• Repairs to other structural elements• Grid replacement• Repairs to grid elements• Barrier replacement	
Activity	Cyclic Maintenance
<p>The Highland Council has a statutory obligation under the Roads (Scotland) Act 1984 to manage and maintain the local road network.</p> <p>This activity includes the reactive and routine (cyclic) maintenance tasks:</p> <ul style="list-style-type: none">• Reactive – responding to inspections, complaints and emergencies; make safe plus	

temporary and permanent repairs.

- Routine – regular consistent scheduled works, generally:
- Minor works and patching
- Drainage; cleaning and repair
- Grass cutting
- Management of landscaped areas and trees
- Tensioning and repair of fences and barriers
- Cleaning and repair of traffic signs and bollards
- Replacement of road markings and studs
- Cleaning and minor works to bridges and structures

Appendix 2

Lochaber Area

Surface Dressing Programme 2013

Ward	Route	Location	Length	Width	Road area(m2)	Progress at 12Aug 2013
12	C1144	Tomdoun	12650	3.42	43263	Complete
12	U1015	Glen Roy Road	1900	3.6	6840	Complete
12	U1019	Bohenie Road	3000	3.4	10200	Complete
22	C1205	Aonach Mhor road	1860	6.4	11904	Complete
22	U1002	Blarmafoldach Road	1144	3.9	4462	Complete
12	B8005	Gairloch	1500	4.9	7350	Complete
12	B8004	Moy Farm, Strone Farm	3730	4.9	18227	Complete

Appendix 3

Lochaber Area

Capital Structural Road Maintenance Programme 2013

Ward	Route	Location	Length	Width	Road area(m2)	Progress at 12Aug 2013
22	C1147	Earl of Inverness Road	75	6	450	Not started
22	C1147	Montrose Avenue	80 20	6 18	840	Not started
22	U1154	Lundy Road	250	6.3	1575	Not started
12	U1622	Blar Mhor Road	160	6.2	992	Not started
12	U1234	Camesky Road	170	5.5	935	Not started
22	U2201	Douglas Place	156	5.7	889	Not started
22	C1164	Lundavra Road	90 98 25	6.2 4 4	1050	Not started
22	U2256	Lochaber Road	80	7	560	Not started
22	U2076	Gordon Squ & Fassifern	140 18 22	5.5 14 8	1198	Not started

		Road				
22	U1373	Shielfoot Road	1400	3.5	4900	Not started
22	B8007	Camasinas	750	5.2	3900	Not started
22	B8007	Shoreline Cottages	450	4.8	2160	Not started
22	B8007	Glenmore	1400	3.5	4900	Not started
12	U1010	Fersit	643	3.6	2314	Not started
12	C1150	Bracora Road				Not started
22	U2377	Invernevis Road	80	5.5	484	Not started

Appendix 4

Lochaber Area

Bridge Maintenance Programme 2013

Ward	Bridge code	Bridge Name	Description of works	Progress at 12Aug 2013
	B80070070	Glenmore	Remove tree	Not started
	C11530070	Stochd Chulcharn	Repair parapets	Not started
	C11920010	Allt Daraich	Clear vegetation	Not started
	U1341	Happy Valley Barrier	Supply and erect concrete barrier	Not started
	A884	Carnoch to Lochaline	Renew section of road restraint system	Not started
	U138900010	Sallachan	Tree removal and parapet repairs	Not started
	B8007	Laga	Clear trees and vegetation	Not started
	A861	Treslaig grid	Replace grid	Not started
	B8007	Mingarry House	Replace grid	Not started
	U1110	Druimindarroch	Replace grid	Not started