

Agenda Item	9
Report No	LA-19-19

HIGHLAND COUNCIL

Committee: Lochaber Area Committee

Date: 29 August 2019

Report Title: Area Roads & Bridges Progress Report - 2018/19

Report By: Interim Chief Officer Resources (Community Services)

1. Purpose/Executive Summary

- 1.1 This report provides an update on the Area Roads & Bridges work undertaken in financial year 2018/19.

2. Recommendations

- 2.1 Members are asked to note the contents of the report.

3. Implications

- 3.1 Resource – No implications.
- 3.2 Legal – No implications
- 3.3 Community (Equality, Poverty and Rural) – No implications.
- 3.4 Climate Change / Carbon Clever – No implications
- 3.5 Risk – No implications.
- 3.6 Gaelic – No implications.

4. Area Capital Programme

4.1 Finance

The capital programme for 2018/19 was approved at the Lochaber Area Committee on 17 January 2018. The programme was presented on the previous year's budget of £848,900.

The 2018/19 capital budget was then set at £858,908 - an increase of £10,008 on the previous year.

Care and Learning had a surplus of funds following the issue of Chromebooks to all Highland pupils. The surplus was allocated to the roads capital budget with £176,900 assigned to Lochaber.

The total capital budget for Lochaber for 2018/19 was therefore £1,035,808.

4.2 Surface Dressing Schemes

Pre-surface dressing patching was undertaken in April and May 2018. The patching was extensive due to the severe 2017/18 winter.

Surface dressing was undertaken in early May by the Lochaber DLO as usual.

Three sites on the A861 were surface dressed giving a total of 34,080 sq m covering 7.3 km. This represents 1.1% of the total Council road network in Lochaber.

Completed surface dressing sites are detailed in **Appendix A**.

4.3 Surfacing Schemes - Overlay

Three overlay schemes were completed giving a total of 7,812 sq m covering 1.5km. This represents 0.22% of the road network in Lochaber.

Completed overlay schemes are detailed in **Appendix A**.

4.4 Surfacing Schemes – Inlay

Eight inlay schemes were completed giving a total of 7,236 sq m covering 1.0km. This represents 0.15% of the road network in Lochaber.

Completed inlay schemes are detailed in **Appendix A**.

4.5 Spray injection patching Schemes

Two weeks of jet patching work were paid for from the area capital budget during summer 2018.

These sites are detailed in **Appendix A**.

4.6 Hot Tar Patching Schemes

Various hot-tar patching schemes were completed.

These sites are detailed in **Appendix A**.

5. Structures Assets

5.1 Bridges

In Lochaber there are 301 bridges, 78 culverts, and 217 retaining walls that are on adopted roads.

5.2 Finance

Structures maintenance and repairs are funded from the Lochaber Area Revenue Budget for which the 2018/19 structures budget was £82,372.

This can be supplemented on a priority basis by a Roads HQ Highland-wide Capital fund of £180,000 for 2018/19, or for large works or bridge replacements by the Highland Council Capital Programme.

5.3 Bridge Inspection Programme

All bridges receive General and Principal Inspections. General Inspections are undertaken on a risk-based inspection cycle of either two or three years, as approved at the November 2018 EDI Committee (report EDI/81/18). The risk-based inspection intervals are dependent on condition, exposure and risk of deterioration as set out in the guidance issued by the Society of Chief Officers of Transportation in Scotland (SCOTS).

Principal Inspections are undertaken at 6, 9, or 12-year intervals.

An inspection programme for all other structures such as retaining walls is being prepared based on a three-yearly cycle of inspections. This inspection programme will be implemented in phases from 2019/20.

5.4 Bridge General Inspections are undertaken by Area staff.

This now includes a bridge inspector - Members agreed at the November 2017 EDI Committee (report EDI/23/17) to approve the recruitment of 4 additional Structures Technicians, one for each operational area, i.e. one for the whole of Lochaber, Nairn, Badenoch & Strathspey. The cost of this is allocated from within the existing area roads maintenance revenue budget.

Area staff duties include the following:-

- Ensuring all General Inspections are undertaken in accordance with the programme;
- Compiling a list of all works to be undertaken;
- Designing and supervising minor repairs and maintenance works;
- Approving design work;
- Award of contract for any works externally sourced; and

- Compliance with Quality Assurance procedures

5.5 2018/19 Bridge General Inspection Programme

Good inroads were made into the back-log of general inspections in 2017/18. Despite conflicting pressures of work, 25 GIs were undertaken in 2018/19 by area staff.

With the appointment of the new area Structures Technician, and their General Inspections commencing in Lochaber from July 2019, the new Area General Inspections programme is now under way and at the time of writing this report 62 General Inspections have been undertaken. With this good progress it is hoped that the backlog of inspections will be completed by the end of 2019/20.

Additional ad-hoc inspections also continue to take place, whether in response to complaints, or in conjunction with other site visits, for asset management, work programming, or related to weather events for example.

The bridges inspected are listed in **Appendix B**.

5.6 2018/19 Bridge Principal Inspection Programme

Principal Bridge Inspections (PIs) are undertaken on bridges with spans of greater than 5m by the Development and Infrastructure Structures Team based in Alness, costing the Roads areas revenue budget £100,000 in total to undertake Highland-wide. They also undertake General Inspections for larger bridges, with spans of greater than 20m.

There were 22 PIs undertaken in Lochaber in 2018/19.

In addition, for GIs for larger bridges with spans of greater than 20m, 6 bridges were inspected in 2018/19.

The bridges inspected are listed in **Appendix B**.

5.7 2018/19 Bridge Maintenance Programme

To bridges under 20m typical cyclical maintenance repairs include:-

- Parapet repairs
- Masonry parapet pointing
- Steel railing parapet repairs
- Timber parapet repairs
- Bridge deck repairs
- pothole repairs
- weeding
- drainage cleaning
- timber decking board replacement
- Wing wall and head wall repairs
- Undercut repairs
- Cutwater repairs

Designation: Interim Chief Officer Resources (Community Services)

Date: 14 August 2019

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Background Papers: [Report](#) - Road Maintenance Programme 2018/19
[Report](#) - Road Structures Annual Report
[Report](#) - Road Structures Annual Report

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Completed Capital Schemes

Surface Dressing Sites

- A861 Eorna Cottage to Salen, 2.1km
- A861 North of Ardgour, 2.4km
- A861 White Glen, 2.8km

Resurfacing Schemes - Overlay

- A884 Sunart Side 1st Section, 0.4km
- A884 Sunart Side 2nd Section, 0.6km
- A884 Sunart Blind Summit, 0.5km

Resurfacing Schemes - Inlay

- B8004 Commando Memorial jctn
- U1914 Argyll Road
- U2319 Lochview Drive
- Acharacle School Road jctn
- Ardlinnhe Rd, Morrisons - night works
- B8004 Moorings Hotel corner
- Kennedy Road
- Ashburn Lane

Jet Patching Schemes

- Drimnin B849
- Kinloch Teacuis
- Eigg

Hot Tar Patching Schemes

- B8006 Kilmallie Road Lochyside
- Aonachan Gradens Spean Bridge
- Dalour Cottages Spean Bridge
- Drumfada Terrace Corpach
- Abrach Road Inverlochy
- A861 Resipole
- A884 Lidesdale Hill
- B8004 Muirshearlich

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Completed Bridge Inspections

Principal Inspections

Structures Section

B80040010	MUCOMIR
B80040040	MOY
B80040080	TORBEAG
B80040090	ARKAVIE
B80040100	BANAVIE
B80080050	GLASNACARDOCH RAILWAY
B80430010	INVERSANDA
B80430050	C'LMALIEU
B80430090	GLENGALMADALE
B80430100	KINGAIRLOCH
B80430110	GHARDAIL
B80430130	BAINNSE
U10230010	INVERSKILAVULIN
B80080010	BUNACAIMB
U10150020	BHREAC ACHAIDH
B08630090R58	RETAINING WALL
U10150000R97	RETAINING WALL
U17280010	KINLOCHALINE
U13130010	POLLOCH
U10060020	COUR
A08610390	SHIEL
U26180010	TORNACARRAIDH

General Inspections

Structures Section - over 20m span:

B08630070	KINLOCHLEVEN
B08630010	INVERCOE
A08840009	CARNOCH
A08610460	LOCHAILORT
A08610410	KINLOCHMOIDART
B08630060	KINLOCHLEVEN VIADUCT

Area Team inspections and repairs– lists available on request