

Agenda Item	8
Report No	N/17/19

HIGHLAND COUNCIL

Committee: Nairnshire Committee

Date: 11 September 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 Nairn Area Committee on 14 March 2018. The programme was presented on the previous year's budget of £292,300.

The 2018/19 capital budget was then set at £297,107 - an increase of £4,807 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 £60,465 assigned to Nairn.

The total capital budget for Nairn area for 2018/19 was therefore £357,572.

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 August by the Inverness DLO as usual.

Fraser Park in Nairn town, plus two sites on the A939 Nairn to Grantown-on-Spey road were surface dressed giving a total of 26,365 sq m covering 4.4 km. This represents 1.5% of the total Council road network in the Nairn area.

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

4.3 Surfacing Schemes – Overlay

One overlay scheme was completed giving a total of 500 sq m covering 0.2km. This represents 0.07% of the road network in Nairn area.

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

4.4 Surfacing Schemes – Inlay

Three inlay schemes were completed giving a total of 4,108 sq m covering 0.7km. This represents 0.23% of the road network in Nairn area.

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 Nairn Area there are 55 bridges (25 of which are over 5.0m span), 7 culverts, and 20 retaining walls that are on adopted roads.

5.2 Finance

Structures maintenance and repairs are funded from the Nairn Area Revenue Budget for which the 2018/19 structures budget was £12,181.

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.

Only two GIs were undertaken in 2018/19 by area staff due to conflicting pressures of work.

With the appointment of the new area Structures Technician, and their General Inspections commencing in Nairn, Badenoch & Strathspey from May 2019, the new Area General Inspections programme is now well under way. Also, further progress has been made with the back-log of general inspections, with the hope that the back-log will be completed by the end of 2019/2020.

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 2 PIs undertaken in Nairn area in 2018/19.

In addition, for GIs for larger bridges with spans of greater than 20m, 3 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 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: 22 August 2019

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Nairn, Badenoch & Strathspey

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

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Completed Capital Schemes

Surface Dressing Sites

- A939 Nairn to Grantown-on-Spey, Cairn Duhie, 2km
- A939 Nairn to Grantown-on-Spey, Littlemill, 1.5km
- Fraser Park, Nairn, 0.9km

Resurfacing Schemes - Overlay

- Meikle Urchany

Resurfacing Schemes - Inlay

- Queenspark, Nairn
- Nairn Bus Station
- Balmakeith Drive, Boathpark Nairn

Jet Patching Schemes

- Lochdu
- B9090 Broadlea jctn
- Milton of Kilravock
- Newton of Park
- Easter Arr to Cotterton
- Easter Clune
- Urchany
- Broomhill
- Knockaneorn to Whitefolds
- Maviston
- Fleenas

Hot Tar Patching Schemes

- A9393 Cairn Duhie
- Easter Hardmuir
- Boghole & Earlseat, Moyness
- Meikle Urchany
- Moyness Road, Auldearn
- Kildrummie Road

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Completed Bridge Inspections

Principal Inspections

Structures Section

C11540030	DULSIE
B90900040	WHITE

General Inspections

Structures Section - over 20m span:

U34810010	NAIRN HARBOUR
F00000160	CAWDOR VILLAGE
A09390090	LOGIE

Area Team

Ad-hoc inspections*

MILLHILL	Drumduan
BOGHOLE	Moyness
LETHEN	Burnside of Lethen
KEPPERNAICH	Ford
KNOCKANEORN	Meikleburn
GLENGEOULLIE	Cawdor
DALESS	Drynachan
TRADESPARK	Nairn, Culvert
NEWMILL	Auldearn, Culvert

*on-site inspections in conjunction with other site visits such as responding to a complaint, for asset management purposes, work programming, or related to weather events for example