
ROADS CAPITAL RECONSTRUCTION PROGRAMME 2020/21

1.0 EXECUTIVE SUMMARY

- 1.1 The Roads Reconstruction Programme has been structured in line with the Roads Asset Management and Maintenance Strategy. The focus has been to arrest the rate of decline and provide an overall improvement in condition as has been demonstrated in the Annual Status and Options Report. In previous years this has been achieved through the delivery of a mix of carriageway resurfacing, edge strengthening, patching/surface dressing and in-situ road surface recycling. These treatments have been designed to seal the road to stop the ingress of water, improve ride quality and reduce the amount of reactive repairs. This has resulted in an overall improvement in road condition. Without these works and investment there would have been a significant deterioration in condition.
- 1.2 Attached to this report is a draft programme for roads reconstruction and footway schemes for 2020/21. This programme has been designed using the Road Condition Index (RCI) which is produced by the national road condition survey data. This survey information is used by officers to determine a programme. In addition to the RCI data, information such as road traffic collisions, known development, activities such as timber harvesting and skid condition (of the carriageways surface) which is measured by a separate survey are also considered together with information brought from Elected Members, community groups and stakeholders. This information is considered at officer level when appropriate engineering judgement is also applied to ensure that maximum benefit can be derived from the available investment.
- 1.3 The proposed capital works programme as presented is based on carriageway condition late autumn/early winter. With the effect of winter this programme may need to be adjusted to ensure that any investment is targeted accordingly. Should any changes be required to the programme, the Policy Lead and Depute Policy Lead will be notified prior to any amended area scheme list being sent out to local members.
- 1.4 It is recommended that the Environment, Development and Infrastructure Committee endorses the proposed programme of capital works for 2020/21, and also agrees that details of each area committee's programme will be forwarded on to individual Elected Members, updates to area committees will be provided as the programme progresses.

ROADS CAPITAL RECONSTRUCTION PROGRAMME 2020/21

2.0 INTRODUCTION

- 2.1 This report provides details of the proposed roads reconstruction programme for 2020/21.

3.0 RECOMMENDATIONS

- 3.1 That the Committee endorses the proposed programme of capital works for 2020/21, and also agrees that details of each area committee's programme will be forwarded on to individual Elected Members, updates to area committees will be provided as the programme progresses.

4.0 DETAILS

- 4.1 Note for committee: The appendices attached to this report are working drafts, there will be some slight adjustments in terms of scheme values etc. to allow the budget to balance.
- 4.2 The focus of the roads reconstruction programme has been to recover the network through the delivery of a mix of carriageway resurfacing schemes, patching/surface dressing and in-situ road surface recycling, which follow the principles set out within the Roads Asset Management Plan.
- 4.3 The proposed schemes have been selected using the Councils Roads Asset database *WDM-PMS* and using the information collected from the SCANNER Survey carried out in summer 2019. In-line with recommendations within the Annual Status and Options Report, the programme is not necessarily concentrated on the *red* roads but instead has been aligned to focus on a combination of *red* and *amber* roads to arrest deterioration. This effectively provides a stitch in time approach and ensures that we get the best rate of return from the investment available. *Red* roads are roads requiring attention currently, *amber* roads are roads which will require attention in the not too distant future and *green* roads are roads which require no attention. By progressing schemes that will provide the best rate of return, taking consideration of the survey results and associated data, the Council is able to deliver a programme of schemes which maximises the benefits to the travelling public from the available investment. Footway schemes are prioritised based on information from formal inspections.

- 4.4 Surface dressing schemes are selected on the basis that, either the skid resistance of the road surface is poor, or the road surface requires sealing *before* it fails. There is also a weighting / ranking applied that aligns with a routes classification and hierarchy.
- 4.5 As in previous years, the roads reconstruction programme will be delivered by a mixed economy model with the Councils in-house team delivering carriageway reconstruction and patching works. The surface dressing element of the programme will be delivered by an external contractor. In order to ensure that the programme provides maximum benefit to the overall network, there will be a minimum of £2M of surface dressing work carried out. This enables the maximum surface area to be covered which will help to seal carriageway cracks, prevent the ingress of water and reduce the amount of reactive maintenance for potholes.

The table below shows the total capital allocation for roads reconstruction:

MAKI	£1,519,000
OLI	£1,715,000
B&C	£980,000
H&L	£686,000
Total 2020/21 Capital Allocation	£4,900,000

- 4.6 In 2019/20 there was also a grant from the Strategic Timber Transport Scheme (STTS) of £1.67M. This funding was used to match fund existing schemes on the council network where timber extraction was programmed to be carried out. It is officers' intention to make further bids to the STTS for 2020/21. The attached appendices details the current draft programme. Should carry forward capital funding differ to the figure stated above, this will be reflected in the area allocations based on the historic percentage splits.
- 4.7 **The capital programme presented is based on carriageway condition late autumn/early winter. With the effect of winter this programme may need to be adjusted to ensure that any investment is targeted accordingly.**
- 4.8 The programme for each of the administrative areas will be forwarded to Area Committee Members and updates to Area Committees as the programme progresses.

5.0 CONCLUSION

- 5.1 This report provides details of the proposed roads reconstruction programme for 2020/21.

6.0 IMPLICATIONS

- 6.1 **Policy** – works assessed and carried out under the current Roads Asset Management Plan.
- 6.2 **Financial** – programme will be based on capital allocation for year 2020/21.

- 6.3 **Legal** - none
- 6.4 **HR** – reconstruction works delivered by a combination of in-house roads operations team and sub-contractors.

- 6.5 **Equalities/Fairer Scotland Duty:–**
 - 6.5.1 Equalities - protected characteristics – none known
 - 6.5.2 Socio-economic Duty – none known
 - 6.5.3 Islands – none known
- 6.6 **Risk** - completed works will reduce requirement to repair roads and will arrest the carriageway/footway deterioration.
- 6.7 **Customer Services** – overall improvement in road surfaces and the quality of driven journeys.

Interim Executive Director with responsibility for Roads and Infrastructure:

Kirsty Flanagan

Policy Lead Councillor Robin Currie

For further information contact: Jim Smith Head of Roads and Infrastructure Services

APPENDICES

Appendix 1 – MAKI Proposed Roads Reconstruction Programme 2020/21

Appendix 2 – OLI Proposed Roads Reconstruction Programme 2020/21

Appendix 3 – B&C Proposed Roads Reconstruction Programme 2020/21

Appendix 4 – H&L Proposed Roads Reconstruction Programme 2020/21

Appendix 1 – MAKI Proposed Roads Reconstruction Programme 2020/21

MAKI

£1,519,000	Provisional Budget Allocation for 2020/21
£1,522,000	Current MAKI Total Programme Estimate

MID ARGYLL

Route	Scheme Name	Estimated Value	Proposed Scheme Details***
A816	Corran - Bishopton Rd	£100,000	Inlay 100mm deep reconstruction
A816	North of Hill Park	£120,000	Drainage, edge strengthening Geogrid & overlay
B8025	Lady Glassary Wood - Dalvore Jct	£35,000	Regulate & Surface Dress
C42	Barnluasgan - Castle Sween	£216,000	Regulate & Surface Dress
C43	Brae Road Ardrishaig	£36,000	Inlay , Pre SD & Surface Dressing

Area Total **£507,000**

KINTYRE

Route	Scheme Name	Estimated Value	Proposed Scheme Details***
B8001	Auchmeanach Farm Slip	£220,000	Geogrid & Overlay
B842	Greenhill - Saddell	£105,000	Pre SD & Surface Dress
B879	B879 + Carradale Streets	£130,000	Pre SD & Surface Dress
U51	Lighthouse Rd at Feorlan - C18 Jct	£55,000	Pre SD & Surface Dress

Area Total **£510,000**

ISLAY, JURA

Route	Scheme Name	Estimated Value	Proposed Scheme Details***
A846	Feolin	£40,000	Patching + Overlay for future SD
A846	Ballygrant - Emeraconart	£120,000	Pre SD & Surface Dress
A846	Laphroaig - Ardbeg	£160,000	Pre SD & Surface Dress
A846	Bridgend - Bowmore	£185,000	Pre SD & Surface Dress

Area Total **£505,000**

Appendix 2 – OLI Proposed Roads Reconstruction Programme 2020/21

OLI

£1,715,000	Provisional Budget Allocation for 2020/21
£1,717,000	Current OLI Total Programme Estimate

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Route	Scheme Name	Estimated Value	Proposed Scheme Details***
A816	Blaran	£100,000	Edge strengthening & overlay
A816	Feochan Bridge South	£70,000	Edge strengthening & overlay
A819/B840	A819/B840 Jct	£50,000	Junction improvement
B840	Braevallich- Portsonachan	£240,000	Pre SD & Surface Dress
B845	Bonawe - Blarcreen	£50,000	Structural Patching + Overlay
C29	Dalavich - Kilchrennan	£80,000	Overlay STTS
C34	Gallanach Road	£80,000	Regulate & Overlay
C32	Glencruitten	£100,000	Widening & Surface Dress
B8077	Stronmillichan	£131,000	Pre SD & Surface Dress
U135	Pulpit Drive	£50,000	Inlay Scheme after Associated Lighting
Unclassified	Taynuilt Village	£40,000	Inlay Scheme
Unclassified	Dalmally Village	£40,000	Inlay Scheme
Area Total		£1,031,000	

MULL

Route	Scheme Name	Estimated Value	Proposed Scheme Details***
A849	Torrans Bridge to Fionnphort	£315,000	Pre SD & Surface Dress
A884	Fishnish	£50,000	Regulate & Overlay
B8073	Mishinish Lochs	£50,000	Regulate & Overlay
B8073	Killiemore - Gruline	£0	
C46	Dervaig - Achnacraig	£100,000	Regulate & Overlay
C54	Balure Cemetery - Ardura	£21,000	Regulate & Overlay
U71, U72, U77 U78, U21	Ross of Mull , Spur Roads	£150,000	Pre-Sd & Surface Dressing
Area Total		£686,000	

Appendix 3 – B&C Proposed Roads Reconstruction Programme 2020/21

BUTE AND COWAL

£980,000	Provisional Budget Allocation for 2020/21
£981,000	Current Bute & Cowal Total Programme Estimate

BUTE

Route	Scheme Name	Estimated Value	Proposed Scheme Details***
A844	Craigmore - Bogany Point	£80,000	Pre SD & Surface Dress
B878	Barone Road	£75,000	Pre SD & Surface Dress
B875	Colmac - Drumachloy	£75,000	Pre SD & Surface Dress
B881	Castle St Rothesay	£18,000	Inlay
C1	Bruchag Point	£20,000	Overlay
C3	Lubas Farm	£20,000	Overlay (500m)
U5	Glecknabae	£20,000	Overlay
U28	Eastlands Road	£40,000	Inlay
U47	McKinley St Rothesay	£18,000	Inlay
U001	Mid Ascog	£25,000	Overlay
<u>Area Total</u>		<u>£391,000</u>	

COWAL

Route	Scheme Name	Estimated Value	Proposed Scheme Details***
A880	Strone - Blairmore	£75,000	Pre SD & Surface Dress
A815	Strachurmore - Invernoaden	£145,000	Pre SD & Surface Dress
A815	Dalinlogart - Sandbank	£75,000	Pre SD & Surface Dress
A815	Sandbank Shore Road	£65,000	Inlay / Overlay
B8000	Otter Ferry - Kilfinnan	£100,000	Regulate & Overlay (STTS)
C10	Port Lamont - Toward	£130,000	Pre SD & Surface Dress
<u>Area Total</u>		<u>£590,000</u>	

Appendix 4 – H&L Proposed Roads Reconstruction Programme 2020/21

HELENSBURGH
and LOMOND

£686,000

**Provisional Budget
Allocation for 2020/21**

£686,000

**Current Lomond Total
Programme Estimate**

Route	Scheme Name	Estimated Value	Proposed Scheme Details***
A817	Haul road centre section	£130,000	Surface dressing and Pre SD
A814	Cats Castle - Cardross	£100,000	100mm patching and High Friction Surfacing
A814	Sinclair St to Gant St	£22,000	Inlay
C70	Glen Fruin Hairpin Bends	£24,000	Overlay
U172	Upper Sutherland Crescent	£25,000	Overlay
U197	Machrie Drive	£20,000	Inlay
U167	Kennedy Drive	£25,000	Inlay
U50	Campbell st - Clyde St to Princes St	£15,000	Inlay
U57	Charlotte Street	£40,000	Inlay
U08	Aldrin Road	£10,000	Inlay
U69	Collins Road	£30,000	Inlay
U317	West Princes St junc	£15,000	Inlay
U181	Kirkton road	£40,000	Inlay
C74	Carman Road	£190,000	Drainage & Overlay
	<u>Area Total</u>	<u>£686,000</u>	