
ROADS CAPITAL RECONSTRUCTION PROGRAMME 2019/20

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. Additional funding was allocated at the Council Budget Meeting on 22 February 2018 for financial years 2018/19 and 2019/20.
- 1.2 Attached to this report is a draft programme for roads reconstruction and footway schemes for 2019/20. 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 Committee endorses the proposed programme of capital works for 2019/20, 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 2019/20

2.0 INTRODUCTION

- 2.1 This report provides details of the proposed roads reconstruction programme for 2019/20.

3.0 RECOMMENDATIONS

- 3.1 That the Committee endorses the proposed programme of capital works for 2019/20, 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. The proposed capital works programme is based on the funding allocation which was confirmed at the Council Budget Meeting held on 22 February 2018 and is year 2 of the programme.
- 4.3 The proposed schemes have been selected using the Councils Roads Asset database *WDM-PMS* and using the information collected from the full SCANNER Survey carried out in summer 2017. 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 realigned to focus on the *amber* roads to arrest deterioration and prevent these becoming *red*. 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.
- 4.6 In 2018/19, the Roads Reconstruction Programme was accelerated by £805k. This was to provide economies of scale and provide the maximum benefit for road condition based on available budget. There was also a grant from the Strategic Timber Transport Scheme (STTS) of £1.46M. 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 2019/20. The overall available budget for 2019/20 is £6.636M, this has been allocated on the historic percentage split for both carriageways and footways. As per the budget motion in 2018, there was an allocation of £250k for footways in 2018/19 and a further allocation of £250k in 2019/20. 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 2019/20.

6.0 IMPLICATIONS

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| 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 2019/20. |

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|-----|---------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 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 Duty Scotland | None |
| 6.6 | Risk | Completed works will reduce requirement to repair roads and will arrest the existing carriageway/footway deterioration. |
| 6.7 | Customer Services | Overall improvement in road surfaces and the quality of driven journeys. |

Executive Director of Development and Infrastructure: Pippa Milne
Policy Lead Councillor Roddy McCuish

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

APPENDICES

- Appendix 1 – MAKI Proposed Roads Reconstruction Programme 2019/20
- Appendix 2 – OLI Proposed Roads Reconstruction Programme 2019/20
- Appendix 3 – B&C Proposed Roads Reconstruction Programme 2019/20
- Appendix 4 – H&L Proposed Roads Reconstruction Programme 2019/20

Appendix 1 – MAKI Proposed Roads Reconstruction Programme 2019/20

MAKI

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|------------|----------------------------------------|
| £2,057,160 | Budget Allocation for 2019-2020 |
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MID ARGYLL

| WDM Scheme Number* | Route | Scheme Name | Estimated Value | Proposed Scheme Details*** |
|--------------------------|-------|--------------------------------------------|------------------------|-------------------------------------------------------|
| 137866, 137871 | A816 | Sala chary - Kintraw | £85,000 | Pre Surface Dressing (£30k) & Surface Dressing (£55k) |
| 138096, 138097, 138098 | B840 | Finchairn - Braevallich | £98,000 | Pre Surface Dressing (£20k) & Surface Dressing (£78k) |
| | U10 | Brenachoillie | £22,000 | Surface Dressing |
| 137,864 | A816 | Riverside | £110,000 | Inlay - Possible STTS Co Funding |
| 138326 | C30 | Kilmaha | 32,000 | Overlay |
| 138317, 138319, 138323 | C42 | Gartnagrenoch - Dunrostan Various Sections | £95,000 | Overlay |
| | U48 | Cairnbaan Towpath | £121,000 | Structural Edge Works |
| | U61 | Tarbert Ind Est | £20,000 | Inlay |
| | | Ardrishaig Street | £60,000 | Inlay |
| | | | | |
| <u>Area Total</u> | | | <u>£643,000</u> | |

KINTYRE

| WDM Scheme Number* | Route | Scheme Name | Estimated Value | Proposed Scheme Details*** |
|--------------------------------|-------|-----------------------|-----------------|--------------------------------------------------------|
| 137986 | B842 | Low Smerby - Peninver | £90,000 | Pre Surface Dressing (£30k) & Surface Dressing (£60k) |
| 137987, 137981 | B842 | Kildonan | £60,000 | Overlay (£50k) & Surface Dressing (£10k) |
| 138274, 138273, 138276, 138275 | C18 | Keprigan Loop Road | £145,000 | Pre Surface Dressing (£35k) & Surface Dressing (£110k) |
| | C21 | Tayinloan Ferry Road | £31,000 | Overlay (£16k) & Surface Dressing (£15k) |
| | U48 | Tayinloan Village | £15,000 | Pre Surface Dressing (£5k) & Surface Dressing (£10k) |

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|-------------------|---------|--------------------------|-----------------|--------------------------------|
| 137973 | B842 | Campbeltown - Low Smerby | £100,000 | Edge Strengthening / Surfacing |
| 137967 | B842 | Grogport | 32,000 | Overlay |
| - | B843 | Drumlemble | 20,000 | Overlay |
| - | B879 | Carradale Pier Road | £30,000 | Overlay |
| 138265 | C19 | Learside | £40,000 | Overlay |
| 138395 | U51 | Feorlin | £20,000 | Edge Strengthening / Surfacing |
| - | U59 | RAF Machrihanish Road | £20,000 | Overlay |
| - | Various | Carradale Streets | £40,000 | Overlay |
| Area Total | | | £643,000 | |

ISLAY, JURA

| WDM Scheme Number* | Route | Scheme Name | Estimated Value | Proposed Scheme Details*** |
|--------------------|-------|--------------------------|-----------------|--------------------------------------------------------|
| 137829 | A846 | Port Askaig - Ballygrant | 200,000 | Pre Surface Dressing (£35k) & Surface Dressing (£165k) |
| 137821, 137812 | A847 | Cross House | £65,000 | Pre Surface Dressing (£20k) & Surface Dressing (£45k) |
| - | A846 | Ballygrant | £35,000 | Overlay |
| - | A846 | Emeraconart | £40,000 | Inlay |
| - | A846 | Bowmore | £32,000 | Inlay |
| 137794 | A846 | Laphroaig | £51,000 | Edge strengthening |
| 137828, 137830 | A846 | Ardfin | £100,000 | Overlay |
| 137838 | A846 | Ardmenish | £15,000 | Overlay |
| 138,502 | B8016 | Leorin | £50,000 | Overlay |
| - | U34 | Killinallan | £20,000 | Overlay |
| - | U64 | Caol Ila | £20,000 | Overlay |
| - | B8086 | Colonsay | £15,000 | Overlay |
| Area Total | | | £643,000 | |

| MAKI | Footways | Scheme Name |
|-------------------|----------------|---------------------------|
| Mid Argyll | £15,000 | Tarbert Ind Est |
| Kintyre | £15,000 | Tayinloan Footway |
| Islay | £15,000 | Port Charlotte/Port Ellen |
| Area Total | £45,000 | |

Appendix 2 – OLI Proposed Roads Reconstruction Programme 2019/20

OLI

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|-------------------|----------------------------------------|
| £2,322,600 | Budget Allocation for 2019-2020 |
| | |

LORN

| WDM Scheme Number* | Route | Scheme Name | Estimated Value | Proposed Scheme Details*** |
|--------------------------------------------------------|---------------|-----------------------------------------------------------|-------------------|---------------------------------------------------------|
| 137848 | A816 | North of Kilmore | £168,000 | Pre Surface Dressing (£43k) & Surface Dressing (£125k) |
| 138288, 138290, 138289, 138283, 138274, 138287, 138285 | C32 | C32 Glen Lonan & Glencruitten | £295,000 | Pre Surface Dressing (£70k) & Surface Dressing (£225k) |
| 137847, 137846 | A816 | Knipoch | £150,000 | Road Widening - Possible STTS Co funding |
| 138015, 138016, 138014, 138012, 138025 | B845 | Glen Nant | £50,000 | Overlay and Verge Improvement |
| 138297, 138296 | C26 | South Shian | £100,000 | Overlay plus additional funding from Scottish Sea Farms |
| 138277 | C27 | Tynribbie - Gunn's Garage | £40,000 | Overlay |
| 138300, 138309 | C29 | Kilchrenan - Collaig Various Sections | £100,000 | Overlay - Possible STTS Co funding |
| 138407, 138408 | U10 | Degnish | £40,000 | Overlay |
| 138411, 138410, 138412 | U14 | Scammadale Road | £30,000 | Overlay |
| 138415, 138414, 138413 | U25 | Muasdale | £30,000 | Overlay |
| 138292, 138294, 138293, 138291 | C35 | Luing | £60,000 | Overlay |
| | | Kerrera | £52,000 | Overlay |
| | U63, U66, U68 | Oban Housing Estate - Dalintart, Mossfield & Glencruitten | £100,000 | Thin Overlay |
| Area Total | | | £1,215,000 | |

MULL

| WDM Scheme Number* | Route | Scheme Name | Estimated Value | Proposed Scheme Details*** |
|----------------------------------------------------------------|-------|----------------------|-----------------|--------------------------------------------------------|
| 137899, 137902, 137890, 137887, 137893, 137904, 137883, 137876 | A849 | Glenmore - Craignure | £363,000 | Pre Surface Dressing (£33k) & Surface Dressing (£330k) |

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|-----------------------------------|-------|--------------------------|-----------------|----------------------------------------------------------|
| 137894, 137884, 137895, 137898 | A849 | Pennyghael - Bunessan | £150,000 | Pre Surface Dressing (£80k) & Overlay Sections (£70k) |
| | | Lismore ph2 | £20,000 | Surface Dressing |
| 138166, 138155, 138163, 138161 | B8073 | Torloisk - Gruline | £150,000 | Overlay various sections |
| 138346, 138347, 138344, 138343 | C46 | Glenbellart | £70,000 | Overlay various sections |
| 138348, 138352, 138349, 138353 | C54 | Lochbuie | £100,000 | Overlay various sections |
| 138365, 138363, 138362, 138364 | C50 | Iona Roads | £30,000 | Overlay various sections |
| | | Coll ph 2 | £80,000 | Re-tread |
| | | | | |
| Area Total | | | £963,000 | |

| OLI | Footways | Scheme Name |
|-------------------|----------------|-------------|
| Mull | £38,250 | Craignure |
| Area Total | £38,250 | |

Appendix 3 – B&C Proposed Roads Reconstruction Programme 2019/20

BUTE AND COWAL

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|------------|---------------------------------|
| £1,327,200 | Budget Allocation for 2019-2020 |
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BUTE

| WDM Scheme Number* | Route | Scheme Name | Estimated Value | Proposed Scheme Details*** |
|--------------------|-------|--------------------------------------|-----------------|---------------------------------------------------------|
| 137697 | A844 | Kames Castle | £52,000 | Pre Surface Dressing (£27k) &Surface Dressing (£25k) |
| 137923, 137925 | B881 | Meikle Grenach - Rothesay Campus | £107,000 | Pre Surface Dressing (£39k) &Surface Dressing (£68k) |
| - | A844 | Albert Place - High Street | £26,000 | Inlay |
| - | A844 | Victoria Street - Gallowgate | £42,000 | Inlay |
| - | A886 | Ettrickdale Subsidence | £43,000 | Reconstruction |
| - | B881 | High Street - Montegue Street | £15,000 | Inlay |
| 138181 | C3 | Plan Road | £35,000 | Overlay |
| - | C4 | Ministers Brae - High Street | £24,000 | Inlay |
| - | C5 | Bridgend Street - Montegue Street | £14,000 | Inlay |
| 138367 | U5 | Glecknabae Road | £18,000 | Overlay |
| Area Total | | | £376,000 | |

COWAL

| WDM Scheme Number* | Route | Scheme Name | Estimated Value | Proposed Scheme Details*** |
|--------------------|-------|-------------------------------------------------|-----------------|---------------------------------------------------------|
| 137730 | A815 | Lamont Lodge - Inverchapple Lodge | £154,000 | Pre Surface Dressing (£69k) &Surface Dressing (£85k) |
| 137729, 137926 | A815 | Creggans - Ardnagowan | £123,000 | Pre Surface Dressing (£25k) &Surface Dressing (£30k) |
| 137732 | A815 | St Catherines - Tigh Claddich | £55,000 | Pre Surface Dressing (£53k) &Surface Dressing (£70k) |
| - | B836 | Stronafian Long Brae - Telephone Exchange | £39,000 | Pre Surface Dressing (£18k) &Surface Dressing (£21k) |
| 137734 | A815 | North Toward Straight | £90,000 | Inlay |
| | A815 | Tom a Mhoid Road - Hillfoot Street | £34,000 | Inlay |

| | | | | |
|--|---------|-----------------------------------------|-----------------|------------------------------------|
| | A885 | Ardenslate Road - Lazaretto Ferry Road | £27,000 | Inlay |
| | A885 | John Street - MacArthur Street | £25,000 | Inlay |
| | B8000 | Barnacarry - Lephinmore - Strathlachlan | £89,000 | Overlay - Possible STTS co funding |
| | B839 | Lochgoilhead - Police Station | £42,000 | Overlay |
| | C9 | Ardenfield | £13,000 | Overlay |
| | C10 | TSC - Auchafour Farm | £30,000 | Overlay |
| | C60 | Hunter Street - Cherryhill | £29,000 | Inlay |
| | U1 & U2 | Dunoon Streets | £40,000 | Inlay |
| | U43 | Forest View | £37,000 | Inlay |
| | U74 | Hall Road - Dornich Park | £42,000 | Inlay |
| | | Area Total | £869,000 | |

| B & C | Footways | Scheme Name |
|-------------------|----------------|----------------------------------|
| Bute | £22,500 | Rothesay Housing Scheme Footways |
| Cowal | £60,000 | Dunoon Housing Scheme Footways |
| Area Total | £82,500 | |

Appendix 4 – H&L Proposed Roads Reconstruction Programme 2019/20

HELENSBURGH and LOMOND

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|----------|---------------------------------|
| £929,040 | Budget Allocation for 2019-2020 |
| | |

Lomond

| WDM Scheme Number* | Route | Scheme Name | Estimated Value | Proposed Scheme Details*** |
|--------------------------------|-----------------------|-----------------------------------------------|-----------------|----------------------------|
| 137789, 138481, 138485, 138386 | A818, A814, B833, U24 | Pre Surface Dressing | £23,500 | Pre Surface Dressing |
| 137789 | A818 | Cross Keys - Callendoun Farm | £8,750 | Surface Dressing |
| | A814 | East Clyde St - Colgrain Station Rd to HLCC | £48,500 | Surface Dressing |
| | B833 | Mambeg - Peaton Rd. | £193,000 | Surface Dressing |
| | U24 | Back Road Clynder | £25,875 | Surface Dressing |
| | U47 | Cairndhu Ave | £63,000 | Inlay |
| | U323 | Woodend St | £28,000 | Inlay |
| | U201 | Macleod Drive | £71,000 | Inlay |
| | U200 | MacLeod Cres | £15,000 | Inlay |
| | U232 | Paterson Drive | £15,000 | Inlay |
| | U157 | James St | £89,000 | Inlay |
| | U271 | Stafford St West | £23,000 | Inlay |
| | U37 | Ben Bouie Drive - inc Speed Table replacement | £40,000 | Inlay |
| | U22 | Atholl Street | £6,000 | Inlay |
| | U172 | Kildonan Drive | £32,000 | Inlay |
| | U304 | Upper Torwoodhill Road | £27,000 | Inlay |
| | U184 | Laggery Road - Rhu | £18,500 | Inlay |
| | U82 | Cumberland Rd Rhu Manse Brae to School Rd | £9,500 | Inlay |
| | U14 | Ardenconnel Way | £41,500 | Inlay |
| | U266 | Maidstone Road | £82,500 | Inlay |
| | U103 | East Montrose St - Charlotte St to William St | £10,550 | Inlay |
| Area Total | | | £871,175 | |

| H & L | Footways | |
|--------------------------|-----------------|----------------------------------------|
| Arrochar | 10,000 | Follow-on to C/W surfacing 2018 |
| Cove/ Garelohead | 10,000 | High footfall areas |
| Cardross | 10,000 | Housing area |
| Helensburgh | 54,250 | East and West Housing areas |
| <u>Area Total</u> | 84,250 | |

NOTES

- * "WDM Scheme Number" is unique scheme reference and is not an indication of priority
- ** "Location" is a general descriptor and does not represent the exact scheme extents
- *** "Cost Estimate" and "Proposed Scheme Details" are subject to review
(eg after detailed site investigation)