

Item: 19

Special General Meeting of the Council: 30 June 2020.

Road Asset Replacement Programme.

Report by Executive Director of Development and Infrastructure.

1. Purpose of Report

To consider the proposed Road Asset Replacement Programme for 2020 to 2023.

2. Recommendations

The Council is invited to note:

2.1.

That, on 2 April 2019, the Development and Infrastructure Committee approved the Road Asset Replacement Programme for 2019 to 2020, together with indicative programmes for 2020 to 2021 and 2021 to 2022.

2.2.

That a multi-year approach to the replacement of road assets allows for greater flexibility to vary the timing of individual projects where constraints and/or pressures emerge.

2.3.

That, on 10 September 2019, the Development and Infrastructure Committee noted that, in order to improve the governance and accountability surrounding use of the Cycling, Walking and Safer Streets capital grant, all works be reported as part of the Road Asset Replacement Programme for monitoring purposes.

2.4.

That the Cycling, Walking and Safer Streets capital grant for 2020 to 2021 has been confirmed as £96,000.

2.5.

The proposed programme for 2020 to 2021, together with indicative programmes for 2021 to 2022 and 2022 to 2023, in respect of road asset replacement and the Cycling, Walking and Safer Streets capital grant, attached as Appendix 1 to this report, with estimated costs as follows:

- 2020 to 2021 – £1,046,000, including confirmed Cycling, Walking and Safer Streets capital grant of £96,000.
- 2021 to 2022 – £980,000.
- 2022 to 2023 – £980,000.

2.6.

That, although approval is sought for a multi-year programme, the Executive Director of Development and Infrastructure will continue to submit reports, on an annual basis, to provide progress updates of the current year's programme and present an updated programme for subsequent years.

It is recommended:

2.7.

That the Road Asset Replacement Programme for 2020 to 2021, together with the indicative programmes for 2021 to 2022 and 2022 to 2023, attached as Appendix 1 to this report, be approved.

2.8.

That powers be delegated to the Executive Director of Development and Infrastructure, in consultation with the Head of Finance, to adjust the three-year programme, referred to at paragraph 2.6. above, as variations arise in order to maximise use of the annual capital allocation.

3. Background

3.1.

Since 2014, a top sliced annual allowance of £600,000 has been included within the capital programme in respect of the Road Asset Replacement Programme (RARP). In April 2016 resurfacing works amounting to £350,000 was added to the RARP.

3.2.

On 2 April 2019, the Development and Infrastructure Committee approved a RARP for 2019 to 2020, together with indicative programmes for 2020 to 2021 and 2021 to 2022.

3.3.

For a number of years, Transport Scotland has made available capital grant funding in respect of Cycling, Walking and Safer Streets (CWSS) projects. In order to improve the governance and accountability surrounding the use of this recurring capital grant funding, works are now reported as part of the RARP for monitoring purposes, with effect from financial year 2019 to 2020.

4. Road Asset Replacement Programme

4.1.

The programme for routine replacement of the roads infrastructure and associated assets is summarised under the headings of Associated Infrastructure, Drainage, Street Lighting, Bridges and Structures, Reconstruction and Surface Treatments.

4.2.

The proposed three-year RARP consists of previously identified priorities following asset inspection. The programmes for 2021 to 2022 and 2022 to 2023 are indicative only and will be reassessed in subsequent programmes to reflect ongoing priorities and budget pressures as required. Annual progress updates on the current year's programme, together with updated programmes for subsequent years will continue to be presented to the Committee.

4.3.

The CWSS grant offer of £96,000 for 2020 to 2021 has been accepted and three projects have been identified that would meet the grant criteria.

5. Corporate Governance

This report relates to the Council complying with its financial processes and procedures and therefore does not directly support and contribute to improved outcomes for communities as outlined in the Council Plan and the Local Outcomes Improvement Plan.

6. Financial Implications

6.1.

The approved capital programme includes a provision of £950,000 in respect of the RARP for financial year 2020 to 2021.

6.2.

The Council has accepted a grant offer of £96,000 for 2020/21 from Transport Scotland in respect of CWSS projects. In advance of the annual award of CWSS grant funding being confirmed, the indicative RARP's for financial years 2021 to 2022 and 2022 to 2023 include an assumption that CWSS grant funding will be maintained at £30,000 for planning purposes.

6.3.

The Council is required to adopt the definition of capital expenditure and the stated accounting procedures as contained in the CIPFA/LASAAC statement of recommended practice (SORP).

6.4.

For expenditure to be considered as an improvement or enhancement and count as being capital in nature it must lengthen substantially the useful life of the asset, increase substantially the open market value or increase substantially the extent to which the asset can be used.

7. Legal Aspects

7.1.

When purchasing new roads assets, the Council must comply with the Contract Standing Orders.

7.2.

Section 1(1) of the Roads Scotland Act 1984 states that: “a local roads authority shall manage and maintain all such roads in their area as are for the time being entered in a list (in this Act referred to as their “list of public roads”) prepared and kept by them under this section; and for the purposes of such management and maintenance (and without prejudice to this subsection’s generality) they shall, subject to the provisions of this Act, have power to reconstruct, alter, widen, improve or renew any such road or to determine the means by which the public right of passage over it, or over any part of it, may be exercised.”

8. Contact Officers

Gavin Barr, Executive Director of Development and Infrastructure, extension 2301, Email gavin.barr@orkney.gov.uk

Darren Richardson, Head of Infrastructure and Strategic Projects, extension 2310, Email darren.richardson@orkney.gov.uk

John Wrigley, Roads and Environmental Services Manager, extension 2725, Email john.wrigley@orkney.gov.uk

Kenneth Roy, Roads Support Manager, extension 2326, Email kenny.roy@orkney.gov.uk

9. Appendix

Appendix 1: Road Asset Replacement Programmes 2020 to 2023.

Development and Infrastructure Roads and Environmental Services		Roads Asset Replacement Programme			2020 - 2021	
Asset type	Allocated Budget	Location	Budget Cost	Cost Code	Description	Notes
Street Furniture (Signs, Bollards and Railings)		Grainshore Road, St.Ola	£5,000.00		Replace existing lit bollards	Replace faded/defective lit bollards
		West Mainland	£6,000.00		Replace existing signs and railings	Faded/defective signs and broken railings replaced
		East Mainland	£4,000.00		Replace existing signs and railings	Faded/defective signs and broken railings replaced
Footways and kerbing		Lynn Park, Kirkwall	£30,000.00		Lay new kerbs and surface	Defective kerbing and footway surface to be upgraded
		Annfield Crescent, Kirkwall	£40,000.00		Lay new kerbs and surface	Defective kerbing and footway surface to be upgraded
		Garrioch Street, Kirkwall	£25,000.00		Lay new kerbs and surface	Replace poor concrete flag with bituminous surface
Associated Infrastructure	£110,000.00		£110,000.00	C25205001		
Drainage		Berstane Lodge Road, St.Ola	£10,000.00		Upgrade existing drainage	Existing stone culvert collapsed. Replace with PVC Pipe
		Laminess, Sanday	£10,000.00		Upgrade existing drainage	Existing drainage to be improved to protect from sea
		A965, Finstown	£15,000.00		Upgrade existing drainage	Upgrade existing drainage and replace damaged sections of clay tile pipe
Drainage	£35,000.00		£35,000.00	C25207001		
Street lighting system upgrade		Annfield Crescent, Kirkwall	£24,000.00		Replace columns, cabling and control systems	Replace columns over 30yrs old and upgrade control/cabling
		Cursiter Crescent, Kirkwall	£24,000.00		Replace columns, cabling and control systems	Replace columns over 30yrs old and upgrade control/cabling
		Netherton Road, Stromness	£20,000.00		Replace columns, cabling and control systems	Replace columns over 30yrs old and upgrade control/cabling
		Loganlea, Stromness	£20,000.00		Replace columns, cabling and control systems	Replace columns over 30yrs old and upgrade control/cabling
		Ontoft Road, St Margarets Hope	£28,000.00		Replace columns, cabling and control systems	Replace columns over 30yrs old and upgrade control/cabling
Column Replacement		Lynn Park, Kirkwall	£10,800.00		Replace columns only	Replace columns over 30yrs old
		Burnmouth Road, Kirkwall	£3,600.00		Replace columns only	Replace columns over 30yrs old
		Great Western Road, Kirkwall	£3,600.00		Replace columns only	Replace columns over 30yrs old
		Weyland Bay, Kirkwall	£23,400.00		Replace columns only	Replace columns over 30yrs old
		Crowness Crescent, St.Ola	£30,600.00		Replace columns only	Replace columns over 30yrs old
		A964, Orphir	£3,600.00		Replace columns only	Replace columns over 30yrs old
		Hellihole, Stromness	£14,800.00		Replace columns only	Replace columns over 30yrs old
		Leaburn, Burray	£3,600.00		Replace columns only	Replace columns over 30yrs old
		A961, Burray	£10,800.00		Replace columns only	Replace columns over 30yrs old
		Marengo Road, St Margarets Hope	£5,600.00		Replace columns only	Replace columns over 30yrs old
Front Road, St Margarets Hope	£3,600.00	Replace columns only	Replace columns over 30yrs old			
Street lights	£230,000.00		£230,000.00	C26101001		
Bridges and structures		Isгарth, Sanday	£25,000.00		Gabion Replacement	Repace damaged gabions
Bridges and structures	£25,000.00		£25,000.00	C25202001		
Surface Treatments		Gunns Close Car Park, Kirkwall	£63,000.00		Inlay Surfacing	Improvement of carriageway surface
		Willow Road, Kirkwall	£50,000.00		Inlay Surfacing	Improvement of carriageway surface
		Stews Road, South Ronaldsay	£25,000.00		Overlay Surfacing	Improvement of carriageway surface
		Lythes Road, South Ronaldsay	£62,000.00		Overlay Surfacing	Improvement of carriageway surface
		A961, Burray	£35,000.00		Inlay Surfacing	Improvement of carriageway surface
		Sandyhill Road, Shapinsay	£40,000.00		Overlay Surfacing	Improvement of carriageway surface
		Stove Road, Deerness	£75,000.00		Overlay Surfacing	Improvement of carriageway surface
Surface treatments	£350,000.00		£350,000.00	C25211001		
Road Reconstruction		A965, Finstown	£50,000.00		Haunch reconstruction and associated drainage works	Carriageway edge strengthening and improvement
		A986, Harray	£50,000.00		Haunch reconstruction and associated drainage works	Carriageway edge strengthening and improvement
		Lamb Holm, A961, Holm	£50,000.00		Haunch reconstruction and associated drainage works	Carriageway edge strengthening and improvement
		Norton Brae, A961, Burray	£50,000.00		Haunch reconstruction and associated drainage works	Carriageway edge strengthening and improvement
Reconstruction	£200,000.00		£200,000.00	C25213001		
Cycling Walking and Safer Streets		St Margarets Hope, South Ronaldsay	£8,000.00		Cycling Walking and Safer Streets Projects	Introduction of gateway signage including countdown markers
		The Palace, Birsay	£4,000.00		Cycling Walking and Safer Streets Projects	Introduction of gateway signage including countdown markers
		Evie Village, Evie	£10,000.00		Cycling Walking and Safer Streets Projects	Introduction of gateway signage including countdown markers
		Evie School, Evie	£8,000.00		Cycling Walking and Safer Streets Projects	Introduction of gateway signage including countdown markers
		A966 Streetlight improvements, Finstown	£40,000.00		Cycling Walking and Safer Streets Projects	Extension of existing Streetlighting out towards Firth Primary School
		Accessibility improvements, Kirkwall	£26,000.00		Cycling Walking and Safer Streets Projects	Footway accessibility improvements such as drop kerbs and tactile paving
Cycling Walking and Safer Streets	£96,000.00		£96,000.00	C26235044		
Total	£1,046,000.00		£1,046,000.00			

Development and Infrastructure Roads and Environmental Services		Roads Asset Replacement Programme				2021-22		
Asset type	Allocated Budget	Location	Budget Cost	Cost Code	Description	Notes		
Street Furniture (Signs, Bollards and Railings)		Shore Street/Ayre Road, Kirkwall	£5,000.00		Replace existing lit bollards	Replace faded/defective lit bollards		
		West Mainland	£5,000.00				Faded/defective signs and broken railings replaced	
Footways and kerbing		East Mainland	£5,000.00		Replace existing signs and railings	Faded/defective signs and broken railings replaced		
		Slater Street, Kirkwall	£25,000.00				Lay new kerbs and surface	Replace poor concrete flag with bituminous surface
		Royal Oak Road, Kirkwall	£25,000.00				Lay new kerbs and surface	Defective kerbing and footway surface to be upgraded
		Scapa Crescent, Kirkwall	£25,000.00				Lay new kerbs and surface	Defective kerbing and footway surface to be upgraded
		Grassick Court, Kirkwall	£20,000.00		Lay new kerbs and surface	Defective kerbing and footway surface to be upgraded		
Associated Infrastructure	£110,000.00		£110,000.00	C25205001				
Drainage		Various locations	£20,000.00		Upgrade existing drainage	Existing drainage systems upgraded. To be identified		
		Hammar Road, Rendall	£15,000.00				Upgrade existing drainage	Existing drainage to be upgraded
Drainage	£35,000.00		£35,000.00	C25207001				
Street lighting system upgrade		Scapa Crescent	£113,600.00		Replace columns, cabling and control systems	Replace columns over 30yrs old and upgrade control/cabling		
		Upper Crantit Road	£20,000.00				Replace columns, cabling and control systems	Replace columns over 30yrs old and upgrade control/cabling
Column Replacement		Grassick Court	£7,500.00		Replace columns only	Replace columns over 30yrs old		
		Glaithness Road	£15,300.00				Replace columns only	Replace columns over 30yrs old
		Scotts Road, Kirkwall	£14,400.00				Replace columns only	Replace columns over 30yrs old
		Berstane Road	£8,000.00				Replace columns only	Replace columns over 30yrs old
		Burnside	£8,000.00				Replace columns only	Replace columns over 30yrs old
		Frasers Close	£3,600.00				Replace columns only	Replace columns over 30yrs old
		Citadel Road	£3,600.00				Replace columns only	Replace columns over 30yrs old
		Manse Lane	£3,600.00				Replace columns only	Replace columns over 30yrs old
		Hillside Terrace	£3,600.00				Replace columns only	Replace columns over 30yrs old
		Leslies Close	£3,600.00				Replace columns only	Replace columns over 30yrs old
		Ashey Lane	£3,600.00				Replace columns only	Replace columns over 30yrs old
		Outertown Road	£10,000.00				Replace columns only	Replace columns over 30yrs old
		Whitecrest Park	£3,600.00				Replace columns only	Replace columns over 30yrs old
		Garson Way, Stromness	£8,000.00				Replace columns only	Replace columns over 30yrs old
Street lights	£230,000.00		£230,000.00	C26101001				
Bridges and structures		Various locations	£25,000.00		Bridge/Seawall/Retaining wall repairs	To be identified		
Bridges and structures	£25,000.00		£25,000.00	C25202001				
Surface Treatments		Albert Street Car Park, Kirkwall	£35,000.00		Inlay surface	Improvement of carriageway surface		
		Junction Road, Kirkwall	£100,000.00				Inlay Surfacing	Improvement of carriageway surface
		Tankerness Lane, Kirkwall	£25,000.00				Inlay Surfacing	Improvement of carriageway surface
		Sparrowhawk Road, St.Ola	£80,000.00				Inlay surface	Improvement of carriageway surface
		Church Road, Rousay	£30,000.00				Overlay surface	Improvement of carriageway surface
		Pickaquooy Road, Kirkwall	£10,000.00				Inlay surface	Improvement of carriageway surface
		Holm Branch, Kirkwall	£10,000.00				Inlay surface	Improvement of carriageway surface
		Garson Road, Stromness	£30,000.00				Inlay surface	Improvement of carriageway surface
		Hammar Road, Rendall	£30,000.00				Overlay surface	Improvement of carriageway surface
Surface treatments	£350,000.00		£350,000.00	C25211001				
Road Reconstruction		Grainshore Road, St.Ola	£50,000.00		Haunch reconstruction and associated drainage works	Carriageway edge strengthening and improvement		
		Sunnybank Road, St.Ola	£50,000.00				Haunch reconstruction and associated drainage works	Carriageway edge strengthening and improvement
		A961, Burray	£50,000.00				Haunch reconstruction and associated drainage works	Carriageway edge strengthening and improvement
		A966, Evie	£50,000.00				Haunch reconstruction and associated drainage works	Carriageway edge strengthening and improvement
Reconstruction	£200,000.00		£200,000.00	C25213001				
Cycling Walking and Safer Streets		Burray Village, Burray	£10,000.00		Cycling Walking and Safer Streets Projects	Introduction of gateway signage including countdown markers		
		Dounby Village, Dounby	£10,000.00				Cycling Walking and Safer Streets Projects	Introduction of gateway signage including countdown markers
		St Marys, Holm	£10,000.00				Cycling Walking and Safer Streets Projects	Introduction of gateway signage including countdown markers
Cycling Walking and Safer Streets	£30,000.00		£30,000.00	C26235044				
Total	£980,000.00		£980,000.00					

Development and Infrastructure Roads and Environmental Services		Roads Asset Replacement Programme				2022-23
Asset type	Allocated budget	Location	Budget cost	Cost code	Description	Notes
Street Furniture (Signs, Bollards and Railings)		Various	£15,000.00		Replace existing signs, bollards and railings	Faded/defective signs/bollards replaced. Broken railings replaced
Footways and Kerbing		Inganess Road, Kirkwall	£30,000.00		Lay new kerbs and surface	Defective kerbing and footway surface to be upgraded
		Faravel, Stromness	£20,000.00		Lay new kerbs and surface	Defective kerbing and footway surface to be upgraded
		Station Square, Holm	£20,000.00		Lay new kerbs and surface	Defective kerbing and footway surface to be upgraded
		White Street, Kirkwall	£25,000.00		Lay new kerbs and surface	Defective kerbing and footway surface to be upgraded
Associated Infrastructure	£110,000.00		£110,000.00	C25205001		
Drainage		Mainland Various	£35,000.00		Upgrade existing drainage	Existing drainage systems upgraded. To be identified.
Drainage	£35,000.00		£35,000.00	C25207001		
Street lighting system upgrade		Inganess Road, Kirkwall	£99,200.00		Replace columns, cabling and control systems	Replace columns over 30yrs old and upgrade control/cabling
		West Greaves Road, Holm	£15,000.00		Replace columns, cabling and control systems	Replace columns over 30yrs old and upgrade control/cabling
		Station Square, Holm	£20,000.00		Replace columns, cabling and control systems	Replace columns over 30yrs old and upgrade control/cabling
Column Replacement		Faravel, Stromness	£13,600.00		Replace columns only	Replace columns over 30yrs old
		Free Kirk Lane, Stromness	£1,800.00		Replace columns only	Replace columns over 30yrs old
		Pigeon Creek, Stromness	£1,800.00		Replace columns only	Replace columns over 30yrs old
		Hamnavoe, Stromness	£9,000.00		Replace columns only	Replace columns over 30yrs old
		Donkey's Lane, Stromness	£3,600.00		Replace columns only	Replace columns over 30yrs old
		St Peters Park, Stromness	£3,600.00		Replace columns only	Replace columns over 30yrs old
		Greenfield, St.Andrews	£3,600.00		Replace columns only	Replace columns over 30yrs old
		Old Finstown Road, Finstown	£1,800.00		Replace columns only	Replace columns over 30yrs old
		West Greaves Road, Holm	£11,000.00		Replace columns only	Replace columns over 30yrs old
		Linkshouse Road, Birsay	£11,000.00		Replace columns only	Replace columns over 30yrs old
		B9050, Deerness	£12,000.00		Replace columns only	Replace columns over 30yrs old
		Muddisdale Road, Kirkwall	£8,000.00		Replace columns only	Replace columns over 30yrs old
		Otterswick Crescent, Kirkwall	£15,000.00		Replace columns only	Replace columns over 30yrs old
Street lights	£230,000.00		£230,000.00	C26101001		
Bridges and structures		Retaining Walls, Sea Walls, Coastal Defences	£25,000.00		Various repairs	To be identified throughout year
Bridges and structures	£25,000.00		£25,000.00	C25202001		
Surface Treatments		Pier Road, Longhope	£45,000.00		Inlay Surfacing	Improvement of carriageway surface
		Rosemount Road, Sandwick	£35,000.00		Overlay surface	Improvement of carriageway surface
		Castle Street Car Park, Kirkwall	£75,000.00		Inlay surface	Improvement of carriageway surface
		Main Street, Kirkwall	£10,000.00		Inlay surface	Improvement of carriageway surface
		Crowness Crescent, St.Ola	£35,000.00		Inlay surface	Improvement of carriageway surface
		Laing Street, Kirkwall	£25,000.00		Inlay Surfacing	Improvement of carriageway surface
		Union Street, Kirkwall	£50,000.00		Inlay Surfacing	Improvement of carriageway surface
		Sparrowhawk Road, St.Ola	£75,000.00		Inlay Surfacing	Improvement of carriageway surface
Surface treatments	£350,000.00		£350,000.00	C25211001		
Road Reconstruction		Various locations	£200,000.00		Haunch reconstruction and associated drainage works	Carriageway edge strengthening and improvement
Reconstruction	£200,000.00		£200,000.00	C25213001		
Cycling Walking and Safer Streets		Orkney Various	£30,000.00		Cycling Walking and Safer Streets Projects	Measures to encourage cycling, walking and safer streets
Cycling Walking and Safer Streets	£30,000.00		£30,000.00	C26235044		
Total	£980,000.00		£980,000.00			