

## **Item: 5**

**Development and Infrastructure Committee: 30 March 2021.**

**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 2021 to 2024.

### **2. Recommendations**

The Committee is invited to note:

#### **2.1.**

That, on 30 June 2020, the Council approved the Road Asset Replacement Programme for 2020/21, together with indicative programmes for 2021/22 and 2022/23.

#### **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, in order to improve the governance and accountability surrounding use of the Cycling, Walking and Safer Routes capital grant, all works are reported as part of the Road Asset Replacement Programme for monitoring purposes.

#### **2.4.**

The proposed programme for 2021/22, together with indicative programmes for 2022/23 and 2023/24, in respect of road asset replacement, attached as Appendix 1 to this report, estimated at £1,048,000 for each financial year.

#### **2.5.**

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:**

**2.6.**

That the Road Asset Replacement Programme for 2021/22, together with the indicative programmes for 2022/23 and 2023/24, attached as Appendix 1 to this report, be approved.

**2.7.**

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.**

A top sliced annual allowance of £950,000 is included within the capital programme in respect of the Road Asset Replacement Programme (RARP).

**3.2.**

On 30 June 2020, the Council approved a RARP for 2020/21, together with indicative programmes for 2021/22 and 2022/23.

**3.3.**

For several years now, Transport Scotland has made available capital grant funding in respect of Cycling, Walking and Safer Routes (CWSR) 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 2019/20.

### **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 2022/23 and 2023/24 are indicative only and will be reassessed as required to reflect ongoing priorities and budget pressures. Annual progress on the current year's programme, together with updated programmes for subsequent years will continue to be presented to the Committee.

### **4.3.**

The CWSR grant offer for 2021/22 is expected to be £98,000 and has been included in the programme.

## **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 2021/22.

### **6.2.**

At this time the Council has not received a grant offer for 2021/22 from Transport Scotland in respect of CWSR projects. That said, the Council has been notified through the annual financial settlement to expect a figure of £98,000 which is broadly in line with the grant award for the current financial year 2020/21 at £96,000.

### **6.3.**

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**

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## **9. Appendix**

Appendix 1: Road Asset Replacement Programme 2021 to 2024.

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 West Mainland East Mainland	£5,000.00 £5,000.00 £5,000.00		Replace existing lit bollards Replace existing signs and railings Replace existing signs and railings	Replace faded/defective lit bollards Faded/defective signs and broken railings replaced Faded/defective signs and broken railings replaced
Footways and kerbing		Weyland Bay, Kirkwall Mill Street, Kirkwall Scapa Crescent, Kirkwall Grassick Court, Kirkwall	£20,000.00 £10,000.00 £45,000.00 £20,000.00		Lay new kerbs and surface Lay new surface Lay new kerbs and surface Lay new kerbs and surface	Defective kerbing and footway surface to be upgraded Defective footway surface to be upgraded. Defective kerbing and footway surface to be upgraded Defective kerbing and footway surface to be upgraded
<b>Associated Infrastructure</b>	<b>£110,000.00</b>		<b>£110,000.00</b>	<b>C25205001</b>		
Drainage		A965, Finstown Hammar Road, Rendall	£20,000.00 £15,000.00		Upgrade existing drainage Upgrade existing drainage	Existing drainage systems upgraded. Existing drainage systems upgraded.
<b>Drainage</b>	<b>£35,000.00</b>		<b>£35,000.00</b>	<b>C25207001</b>		
Street lighting system upgrade		Scapa Crescent, Kirkwall Weyland Bay, Kirkwall Grassick Court, Kirkwall	£118,000.00 £68,000.00 £8,000.00		Replace columns, cabling and control systems Replace columns only Replace columns, cabling and control systems	Replace columns over 30yrs old and upgrade control/cabling Replace columns over 30yrs old Replace columns over 30yrs old and upgrade control/cabling
Column Replacement		Scotts Road, St.Ola Outertown Road, Stromness Whitecrest Park, St.Andrews	£19,000.00 £12,000.00 £5,000.00		Replace columns only Replace columns only Replace columns only	Replace columns over 30yrs old Replace columns over 30yrs old Replace columns over 30yrs old
<b>Street lights</b>	<b>£230,000.00</b>		<b>£230,000.00</b>	<b>C26101001</b>		
Bridges and structures		B9047/Brims, Hoy	£25,000.00		Coastal Defence Improvements	Damaged sections to be reinforced/improved
<b>Bridges and structures</b>	<b>£25,000.00</b>		<b>£25,000.00</b>	<b>C25202001</b>		
Surface Treatments		Bignold Park Road, Kirkwall Junction Road, Kirkwall  Broad Street/Palace Road, Kirkwall Union Street, Kirkwall Ayre Mills Roundabout, Kirkwall Pier Road, South Walls Garson Road, Stromness Berstane Lodge Road, St.Ola Investigation works for 2022 surfacing projects.	£25,000.00 £60,000.00  £60,000.00 £40,000.00 £45,000.00 £40,000.00 £40,000.00 £30,000.00 £10,000.00		Inlay Surfacing Inlay Surfacing  Inlay Surfacing Inlay Surfacing Inlay Surfacing Inlay Surfacing Inlay Surfacing Overlay Surfacing Test holes	Improvement of carriageway surface Improvement of carriageway surface  Improvement of carriageway surface Improvement of carriageway surface Improvement of carriageway surface Improvement of carriageway surface Improvement of carriageway surface Improvement of carriageway surface Investigation Works
<b>Surface treatments</b>	<b>£350,000.00</b>		<b>£350,000.00</b>	<b>C25211001</b>		
Road Reconstruction		A965, Finstown A986, Harray	£50,000.00 £150,000.00		Haunch reconstruction and associated drainage works Haunch reconstruction and associated drainage works	Carriageway edge strengthening and improvement Carriageway edge strengthening and improvement
<b>Reconstruction</b>	<b>£200,000.00</b>		<b>£200,000.00</b>	<b>C25213001</b>		
Cycling Walking and Safer Routes		Deerness Toab, St.Andrews St Marys, Holm  Pickaquoy Loan Cycleway, Kirkwall Accessibility improvements, Kirkwall	£98,000.00		Cycling Walking and Safer Routes Projects Cycling Walking and Safer Routes Projects Cycling Walking and Safer Routes Projects  Cycling Walking and Safer Routes Projects Cycling Walking and Safer Routes Projects	Introduction of gateway signage including countdown markers Introduction of gateway signage including countdown markers Introduction of gateway signage including countdown markers  New Streetlighting to be provided on existing footpath. Footway accessibility improvements such as drop kerbs and tactile paving.
<b>Cycling Walking and Safer Routes</b>	<b>£98,000.00</b>		<b>£98,000.00</b>	<b>C26235044</b>		
<b>Total</b>	<b>£1,048,000.00</b>		<b>£1,048,000.00</b>			

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)		Grainshore Road, St.Ola	£5,000.00		Replace existing lit bollards	Replace faded/defective lit bollards
		West Mainland	£5,000.00		Replace existing signs and railings	Faded/defective signs and broken railings replaced
		East Mainland	£5,000.00		Replace existing signs and railings	Faded/defective signs and broken railings replaced
Footways and Kerbing		Inganess Road, Kirkwall	£45,000.00		Lay new kerbs and surface	Defective kerbing and footway surface to be upgraded
		Burnside, Kirkwall	£25,000.00		Lay new kerbs and surface	Defective kerbing and footway surface to be upgraded
		Station Square, Holm	£25,000.00		Lay new kerbs and surface	Defective kerbing and footway surface to be upgraded
<b>Associated Infrastructure</b>	<b>£110,000.00</b>		<b>£110,000.00</b>	<b>C25205001</b>		
Drainage		A966, Evie	£25,000.00		Upgrade existing drainage	Existing drainage systems upgraded.
		A964, Orphir	£10,000.00		Upgrade existing drainage	Existing drainage systems upgraded.
<b>Drainage</b>	<b>£35,000.00</b>		<b>£35,000.00</b>	<b>C25207001</b>		
Street lighting system upgrade		Inganess Road, Kirkwall	£97,000.00		Replace columns, cabling and control systems	Replace columns over 30yrs old and upgrade control/cabling
		West Greaves Road, Holm	£16,000.00		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		Garson Way, Stromness	£14,000.00		Replace columns only	Replace columns over 30yrs old
		Leslies Close, Stromness	£5,000.00		Replace columns only	Replace columns over 30yrs old
		Hamnavoe, Stromness	£9,000.00		Replace columns only	Replace columns over 30yrs old
		Burnside, Kirkwall	£12,000.00		Replace columns only	Replace columns over 30yrs old
		Upper Crantit Road, Kirkwall	£15,000.00		Replace columns only	Replace columns over 30yrs old
		Greenfield, St.Andrews	£5,000.00		Replace columns only	Replace columns over 30yrs old
		Old Finstown Road, Finstown	£3,000.00		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
<b>Street lights</b>	<b>£230,000.00</b>		<b>£230,000.00</b>	<b>C26101001</b>		
Bridges and structures		Pier Road, Graemsay	£25,000.00		Various repairs	To be identified throughout year
<b>Bridges and structures</b>	<b>£25,000.00</b>		<b>£25,000.00</b>	<b>C25202001</b>		
Surface Treatments		Albert Street Car Park, Kirkwall	£17,000.00		Inlay Surfacing	Improvement of carriageway surface
		Castle Street Car Park, Kirkwall	£30,000.00		Inlay Surfacing	Improvement of carriageway surface
		Bignold Park Road, Kirkwall	£40,000.00		Inlay Surfacing	Improvement of carriageway surface
		Laing Street, Kirkwall	£28,000.00		Inlay Surfacing	Improvement of carriageway surface
		Junction Road, Kirkwall	£50,000.00		Inlay Surfacing	Improvement of carriageway surface
		Sparrowhawk Road, St.Ola	£65,000.00		Inlay Surfacing	Improvement of carriageway surface
		Ferry Road Roundabout, Stromness	£35,000.00		Inlay Surfacing	Improvement of carriageway surface
		B9047, Hoy	£75,000.00		Inlay surface	Improvement of carriageway surface
		Investigation works for 2023 surfacing projects.	£10,000.00		Test Holes	Investigation
		<b>Surface treatments</b>	<b>£350,000.00</b>			<b>£350,000.00</b>
Road Reconstruction		A961, Burray	£75,000.00		Haunch reconstruction and associated drainage works	Carriageway edge strengthening and improvement
		A965, St.Ola	£75,000.00		Haunch reconstruction and associated drainage works	Carriageway edge strengthening and improvement
		Grainshore Road, St.Ola	£50,000.00		Haunch reconstruction and associated drainage works	Carriageway edge strengthening and improvement
<b>Reconstruction</b>	<b>£200,000.00</b>		<b>£200,000.00</b>	<b>C25213001</b>		
Cycling Walking and Safer Routes		Burray Village, Burray	<b>£98,000.00</b>		Cycling Walking and Safer Routes Projects	Introduction of gateway signage including countdown markers
		Dounby Village, Dounby Accessibility Improvements, Kirkwall			Cycling Walking and Safer Routes Projects	Introduction of gateway signage including countdown markers
<b>Cycling Walking and Safer Routes</b>	<b>£98,000.00</b>		<b>£98,000.00</b>	<b>C26235044</b>		
<b>Total</b>	<b>£1,048,000.00</b>		<b>£1,048,000.00</b>			

Development and Infrastructure Roads and Environmental Services		Roads Asset Replacement Programme				2023-24
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		Pumpwell Park, Stromness	£15,000.00		Lay new kerbs and surface	Defective kerbing and footway surface to be upgraded
		Faravel, Stromness	£25,000.00		Lay new kerbs and surface	Defective kerbing and footway surface to be upgraded
		King Street, Kirkwall	£30,000.00		Lay new kerbs and surface	Defective kerbing and footway surface to be upgraded
		Slater Street, Kirkwall	£25,000.00			
<b>Associated Infrastructure</b>	<b>£110,000.00</b>		<b>£110,000.00</b>	<b>C25205001</b>		
Drainage		Mainland Various	£35,000.00		Upgrade existing drainage	Existing drainage systems upgraded. To be identified.
<b>Drainage</b>	<b>£35,000.00</b>		<b>£35,000.00</b>	<b>C25207001</b>		
Street lighting system upgrade		Bellevue Park, Kirkwall	£28,000.00		Replace columns, cabling and control systems	Replace columns over 30yrs old and upgrade control/cabling
		Garson Drive, Stromness	£33,000.00		Replace columns, cabling and control systems	Replace columns over 30yrs old and upgrade control/cabling
		Glaitness Park, Kirkwall	£45,000.00		Replace columns, cabling and control systems	Replace columns over 30yrs old and upgrade control/cabling
Column Replacement		Viewfield Drive, Kirkwall	£8,000.00		Replace columns only	Replace columns over 30yrs old
		Glaitness Road, Kirkwall	£19,000.00		Replace columns only	Replace columns over 30yrs old
		Frasers Close, Kirkwall	£5,000.00		Replace columns only	Replace columns over 30yrs old
		Faravel, Stromness	£14,000.00		Replace columns only	Replace columns over 30yrs old
		Hillside Terrace, Stromness	£5,000.00		Replace columns only	Replace columns over 30yrs old
		Ashey Lane, Stromness	£5,000.00		Replace columns only	Replace columns over 30yrs old
		Free Kirk Lane, Stromness	£3,000.00		Replace columns only	Replace columns over 30yrs old
		Pigeon Creek, Stromness	£3,000.00		Replace columns only	Replace columns over 30yrs old
		Manse Lane, Stromness	£2,500.00		Replace columns only	Replace columns over 30yrs old
		Donkey's Lane, Stromness	£5,000.00		Replace columns only	Replace columns over 30yrs old
		Helliar View, Shapinsay	£5,000.00		Replace columns only	Replace columns over 30yrs old
		A961, South Ronaldsay	£12,000.00		Replace columns only	Replace columns over 30yrs old
		Grainshore Road, St.Ola	£14,500.00		Replace columns only	Replace columns over 30yrs old
		A965 Finstown	£10,000.00		Replace columns only	Replace columns over 30yrs old
		St Peters Park, Stromness	£5,000.00		Replace columns only	Replace columns over 30yrs old
		Downies Lane, Stromness	£8,000.00		Replace columns only	Replace columns over 30yrs old
<b>Street lights</b>	<b>£230,000.00</b>		<b>£230,000.00</b>	<b>C26101001</b>		
Bridges and structures		Retaining Walls, Sea Walls, Coastal Defences	£25,000.00		Various repairs	To be identified
<b>Bridges and structures</b>	<b>£25,000.00</b>		<b>£25,000.00</b>	<b>C25202001</b>		
Surface Treatments		Sparrowhawk Road, St.Ola	£180,000.00		Inlay Surfacing	Improvement of carriageway surface
		Crowness Crescent, St.Ola	£35,000.00		Inlay Surfacing	Improvement of carriageway surface
		Moss Road, Holm	£55,000.00		Overlay Surfacing	Improvement of carriageway surface
		Rosemount Road, Sandwick	£35,000.00		Overlay Surfacing	Improvement of carriageway surface
		Ballarat Road, Harray	£35,000.00		Overlay Surfacing	Improvement of carriageway surface
		Investigation works for 2024 Surfacing projects.	£10,000.00		Test Holes	Investigation Works
<b>Surface treatments</b>	<b>£350,000.00</b>		<b>£350,000.00</b>	<b>C25211001</b>		
Road Reconstruction		Various locations	£200,000.00		Haunch reconstruction and associated drainage works	Carriageway edge strengthening and improvement
<b>Reconstruction</b>	<b>£200,000.00</b>		<b>£200,000.00</b>	<b>C25213001</b>		
Cycling Walking and Safer Routes		Orkney Various	£98,000.00		Cycling Walking and Safer Routes Projects	Measures to encourage cycling, walking and safer routes. To be identified.
<b>Cycling Walking and Safer Routes</b>	<b>£98,000.00</b>		<b>£98,000.00</b>	<b>C26235044</b>		
<b>Total</b>	<b>£1,048,000.00</b>		<b>£1,048,000.00</b>			