

Item: 5

Development and Infrastructure Committee: 2 April 2019.

Roads Asset Replacement Programme.

Report by Executive Director of Development and Infrastructure Services.

1. Purpose of Report

To consider the proposed Roads Asset Replacement Programme for 2019 to 2022.

2. Recommendations

The Committee is invited to note:

2.1.

That, on 11 September 2018, the Committee approved a revised Road Asset Replacement Programme for 2018 to 2019, together with indicative programmes for 2019 to 2020 and 2020 to 2021.

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, such as weather, unplanned events or resource levels.

2.3.

The proposed replacement programmes for 2019 to 2020 and 2020 to 2021, together with an indicative programme for 2021 to 2022, in respect of the Council's Roads Assets, attached as Appendix 1 to this report, with estimated costs as follows:

- 2019 to 2020 - £1,077,000, including slippage, amounting to £127,000, carried forward.
- 2020 to 2021 - £950,000.
- 2021 to 2022 - £950,000.

2.4.

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:

2.5.

That the Road Asset Replacement Programme for 2019 to 2020, together with indicative programmes for 2020 to 2021 and 2021 to 2022, attached as Appendix 1 to this report, be approved.

2.6.

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 2.5 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, giving a total of £950,000.

3.2.

A phased three-year programme to accelerate the conversion of street lighting to more reliable and energy efficient LED lanterns, which was included in the RARP in 2016, has now been completed.

3.3.

On 11 September 2018, the Development and Infrastructure Committee considered a revised RARP for 2018 to 2019, together with indicative programmes for 2019 to 2020 and 2020 to 2021. The programme for 2019 to 2020 included prior year slippage, amounting to £127,000. The programmes were subsequently agreed by Council in October 2018.

4. Roads Asset Replacement Programme

4.1.

The programme for the routine replacement of the roads infrastructure and associated assets are summarised under the headings of Associated Infrastructure, which includes footways, kerbing, signs and bollards, Drainage, Street Lighting, Bridges and Structures and Surface Treatments.

4.2.

The proposed three year RARP consists of previously identified priorities identified following asset inspection. The programmes for 2020 to 2021 and 2021 2022 are indicative only and will be reassessed in subsequent programmes to reflect ongoing priorities and budget pressures as required.

5. Equalities Impact

An Equality Impact Assessment has been undertaken and is attached as Appendix 2 to this report.

6. Corporate Governance

This report relates to governance and procedural issues 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.

7. Financial Implications

7.1.

The approved capital programme includes a provision of £950,000 in respect of the Roads Asset Replacement Programme for financial year 2019 to 2020.

7.2.

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).

7.3.

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.

8. Legal Aspects

8.1.

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

8.2.

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.

9. Contact Officers

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John Wrigley, Roads and Environmental Services Manager, extension 2725,
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Kenneth Roy, Roads Support Manager, extension 2326,
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10. Appendices

Appendix 1: Roads Asset Replacement Programme 2019 to 2022.

Appendix 2: Equality Impact Assessment.

Development and Infrastructure Roads and Environmental Services		Roads Asset Replacement Programme				2019-2020
Asset type	Allocated budget	Location	Budget cost	Cost code	Description	Notes
Street Furniture (Signs, Bollards and Railings)		Various	15,000		Replace existing signs, bollards and railings.	Faded/defective signs/bollards replaced. Broken railings replaced.
Footways and Kerbing		Watergate Mount Drive Finstown	40,000 20,000 5,000		Lay new kerbs and surface Lay new kerbs and surface Lay new kerbs and surface	Replace poor bituminous surface/concrete slabs with Stone. Replace poor bituminous surface. Replace poor bituminous surface.
Associated Infrastructure	80,000		80,000	C25205001		
Drainage		Biggings Road, Holm Puldrite Road, Rendall Other	10,000 15,000 5,000		Upgrade existing drainage Upgrade existing drainage Upgrade existing drainage	Existing 'Tile' drainage systems in poor condition, replace and upgrade. Existing 'Tile' drainage systems in poor condition, replace and upgrade. Existing 'Tile' drainage systems in poor condition, replace and upgrade. To be identified throughout year.
Drainage	30,000		30,000	C25207001		
Street lighting system upgrade		Papdale Close, Kirkwall Watergate, Kirkwall Gunns Close Car Park, Kirkwall Sparrowhawk Road, St.Ola Downies Lane, Stromness Village Road, Burray A961, Burray Westshore Road, Burray Pier Road, Burray Stromsay South Walls	9,000 35,000 13,500 27,500 5,000 29,000 9,500 11,500 12,000 165,250 169,750		Replace columns, cabling and control systems Replace columns, cabling and control systems Replace columns, cabling and control systems Replace columns, cabling and control systems Replace columns, cabling and control systems Replace columns, cabling and control systems Replace columns, cabling and control systems Replace columns, cabling and control systems Replace columns, cabling and control systems Replace columns, cabling and control systems Replace columns, cabling and control systems Replace columns, cabling and control systems	Replace columns over 30yrs old and upgrade control/cabling Replace columns over 30yrs old and upgrade control/cabling Replace columns over 30yrs old and upgrade control/cabling Replace columns over 30yrs old and upgrade control/cabling Replace columns over 30yrs old and upgrade control/cabling Replace columns over 30yrs old and upgrade control/cabling Replace columns over 30yrs old and upgrade control/cabling Replace columns over 30yrs old and upgrade control/cabling Replace columns over 30yrs old and upgrade control/cabling Replace columns over 30yrs old and upgrade control/cabling Replace columns over 30yrs old and upgrade control/cabling Replace columns over 30yrs old and upgrade control/cabling
Column Replacement		Walls Close, Kirkwall Papdale Close Papdale Crescent Papdale Road Papdale Drive Papdale Place New Scapa Road Holm Branch Road Sparrowhawk Road Stromness	2,000 4,000 12,000 16,000 12,000 8,000 2,000 12,000 34,000 2,000		Replace columns only Replace columns only Replace columns only Replace columns only Replace columns only Replace columns only Replace columns only Replace columns only Replace columns only Replace columns only	Replace columns over 30yrs old Replace columns over 30yrs old Replace columns over 30yrs old Replace columns over 30yrs old Replace columns over 30yrs old Replace columns over 30yrs old Replace columns over 30yrs old Replace columns over 30yrs old Replace columns over 30yrs old Replace columns over 30yrs old
SSE Connections		Various locations	10,000		SSE Connections/Disconnections	SSE works associated with all streetlight works.
Street lights	592,000		592,000	C26101001		
Bridges and structures		Retaining Walls, Sea Walls, Coastal Defences	25,000		Various repairs	To be identified throughout year.
Bridges and structures	25,000		25,000	C25202001		
Surface Treatments		Sparrowhawk Road, St.Ola St Catherines Place, Kirkwall School Place, Kirkwall King Street, Kirkwall Old Scapa Road, Kirkwall Clay Loan, Kirkwall Swordfish Road, St.Ola A967 at Voy, Sandwick Onftoft Road, St Margarets Hope Biggings Road, Holm	40,000 20,000 30,000 20,000 70,000 20,000 35,000 40,000 35,000 40,000		Resurface Resurface Resurface Resurface Resurface Resurface Resurface Resurface Resurface Resurface	Plane out existing surface and resurface Plane out existing surface and resurface Plane out existing surface and resurface Plane out existing surface and resurface Plane out existing surface and resurface Plane out existing surface and resurface Plane out existing surface and resurface Plane out existing surface and resurface Plane out existing surface and resurface Plane out existing surface and resurface
Surface treatments	350,000		350,000	C25211001		
Total	1,077,000		1,077,000			

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)		Various	15,000		Replace existing signs, bollards and railings.	Faded/defective signs/bollards replaced. Broken railings replaced.
Footways and kerbing		Kirkwall	95,000		Lay new kerbs and surface	Bituminous surface poor/replace poor concrete flag with bituminous surface.
Associated Infrastructure	110,000		110,000	C25205001		
Drainage		Various locations	35,000		Upgrade existing drainage	Existing 'Tile' drainage systems in poor condition, replace and upgrade. To be identified in 2019-20.
Drainage	35,000		35,000	C25207001		
Street lighting system upgrade		Annfield Crescent, Kirkwall Cursiter Crescent, Kirkwall Netherton Road, Stromness Ontoft Road, St Margarets Hope	26,000 26,000 26,000 32,000		Replace columns, cabling and control systems Replace columns, cabling and control systems Replace columns, cabling and control systems Replace columns, cabling and control systems	Replace columns over 30yrs old and upgrade control/cabling Replace columns over 30yrs old and upgrade control/cabling Replace columns over 30yrs old and upgrade control/cabling Replace columns over 30yrs old and upgrade control/cabling
Column Replacement		Lynn Park, Kirkwall Cromwell Road, Kirkwall Burnmouth Road, Kirkwall Great Western Road, Kirkwall Scotts Road, Kirkwall Weyland Bay, Kirkwall A964, Orphir Guardhouse Park, Stromness Hellihole, Stromness Helliar View, Shapinsay Marengo Road, St Margarets Hope Front Road, St Margarets Hope	12,000 14,000 4,000 4,000 16,000 26,000 4,000 4,000 12,000 4,000 6,000 4,000		Replace columns only Replace columns only Replace columns only Replace columns only Replace columns only Replace columns only Replace columns only Replace columns only Replace columns only Replace columns only Replace columns only Replace columns only	Replace columns over 30yrs old Replace columns over 30yrs old Replace columns over 30yrs old Replace columns over 30yrs old Replace columns over 30yrs old Replace columns over 30yrs old Replace columns over 30yrs old Replace columns over 30yrs old Replace columns over 30yrs old Replace columns over 30yrs old Replace columns over 30yrs old Replace columns over 30yrs old
SSE Connections		Various locations	10,000		SSE Connections/Disconnections	SSE works associated with all streetlight works
Street lights	230,000		230,000	C26101001		
Bridges and structures		Retaining Walls, Seawalls, Coastal Defences	25,000		Bridge/Seawall/Retaining wall repairs	To be identified in 2019-20
Bridges and structures	25,000		25,000	C25202001		
Surface Treatments		South Ronaldsay Kirkwall Sandwick	125,000 180,000 45,000		Resurface/Overlay Resurface/Overlay Resurface/Overlay	
Surface treatments	350,000		350,000	C25211001		
Road Reconstruction		Lamb Holm, A961, Holm Norton Brae, A961, Burray	100,000 100,000		Haunch Reconstruction Haunch Reconstruction	
Reconstruction	200,000		200,000			
Total	950,000		950,000			

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)		Various	15,000		Replace existing signs, bollards and railings.	Faded/defective signs/bollards replaced. Broken railings replaced.
Footways and kerbing		Kirkwall Stromnes	50,000 45,000		Lay new kerbs and surface	Bituminous surface poor/replace poor concrete flag with bituminous surface.
Associated Infrastructure	110,000		110,000	C25205001		
Drainage		Various locations	35,000		Upgrade existing drainage	Existing 'Tile' drainage systems in poor condition, replace and upgrade. To be identified in 2020-21.
Drainage	35,000		35,000	C25207001		
Street lighting system upgrade		Kirkwall	110,000		Replace columns, cabling and control systems	Replace columns over 30yrs old and upgrade control/cabling
Column Replacement		Kirkwall Stromness	86,000 24,000		Replace columns only Replace columns only	Replace columns over 30yrs old Replace columns over 30yrs old
SSE Connections		Various locations	10,000		SSE Connections/Disconnections	SSE works associated with all streetlight works
Street lights	230,000		230,000	C26101001		
Bridges and structures		Various locations	25,000		Bridge/Seawall/Retaining wall repairs	
Bridges and structures	25,000		25,000	C25202001		
Surface Treatments		Firth South Ronaldsay Rousay Kirkwall Stromness	55,000 100,000 20,000 105,000 70,000		Resurface/Overlay Resurface/Overlay Resurface/Overlay Resurface/Overlay Resurface/Overlay	
Surface treatments	350,000		350,000	C25211001		
Road Reconstruction		Rendall Firth Deerness St.Ola	50,000 50,000 50,000 50,000		Haunch Reconstruction Haunch Reconstruction Haunch Reconstruction Haunch Reconstruction	
Reconstruction	200,000		200,000			
Total	950,000		950,000			



Equality Impact Assessment

The purpose of an Equality Impact Assessment (EqIA) is to improve the work of Orkney Islands Council by making sure it promotes equality and does not discriminate. This assessment records the likely impact of any changes to a function, policy or plan by anticipating the consequences, and making sure that any negative impacts are eliminated or minimised and positive impacts are maximised.

1. IDENTIFICATION OF FUNCTION, POLICY OR PLAN	
Name of function/policy/plan to be assessed	Roads Asset Replacement Programme 2019/20 to 2021/22
Service/service area responsible	Development and Infrastructure
Name of person carrying out the assessment and contact details	Kenneth Roy, Team Leader Roads Support Ext 2326 Email: kenny.roy@orkney.gov.uk
Date of assessment	01 March 2019
Is the function/policy/plan new or existing? (Please indicate also if the service is to be deleted, reduced or changed significantly)	The Roads Asset Replacement Programme is an annual programme of works which is reviewed and updated on an annual basis. The proposal is to submit a multi-year programme however the Executive Director of Development and Infrastructure will continue to submit reports on an annual basis to report on the progress of the current year's programme and present for approval the updated programme for subsequent years.

2. INITIAL SCREENING	
What are the intended outcomes of the function/policy/plan?	OIC as Roads Authority has a duty to maintain the Roads Asset in a serviceable condition. The Roads Asset Replacement Programme will contribute to this by replacing those parts of the asset that are worn out and are no longer serviceable.
State who is, or may be affected by this function/policy/plan, and how	All road users
How have stakeholders been involved in the development of this function/policy/plan?	Stakeholders are not directly involved in the development of the plan which is a works programme based on an assessment of the asset condition.

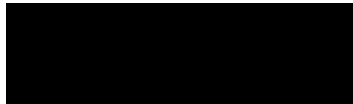
<p>Is there any existing data and/or research relating to equalities issues in this policy area? Please summarise.</p> <p>e.g. consultations, national surveys, performance data, complaints, service user feedback, academic/consultants' reports, benchmarking (see equalities resources on OIC information portal)</p>	<p>Reference can be made to the Councils Roads Management and Maintenance Plan and to the Code of good practice 'Well Maintained Highways'</p>
<p>Could the function/policy have a differential impact on any of the following equality strands?</p>	<p>(Please provide any evidence – positive impacts/benefits, negative impacts and reasons)</p>
<p>1. Race: this includes ethnic or national groups, colour and nationality</p>	<p>No</p>
<p>2. Sex: a man or a woman</p>	<p>No</p>
<p>3. Sexual Orientation: whether a person's sexual attraction is towards their own sex, the opposite sex or to both sexes</p>	<p>No</p>
<p>4. Gender Reassignment: the process of transitioning from one gender to another</p>	<p>No</p>
<p>5. Pregnancy and maternity</p>	<p>No</p>
<p>6. Age: people of different ages</p>	<p>Yes</p>
<p>7. Religion or beliefs or none (atheists)</p>	<p>No</p>
<p>8. Caring responsibilities</p>	<p>No</p>
<p>9. Marriage and Civil Partnership</p>	<p>No</p>
<p>10. Disability: people with disabilities (whether registered or not)</p>	<p>Yes</p>

<p>3. IMPACT ASSESSMENT</p>	
<p>Does the analysis above identify any differential impacts which need to be addressed?</p>	<p>No</p>
<p>How could you minimise or remove any potential negative</p>	<p>Deterioration of the Roads Asset will have a disproportionate impact on the elderly and those with</p>

impacts?	physical disabilities. Maintaining the asset in a serviceable condition will make a positive contribution to their well being.
Do you have enough information to make a judgement? If no, what information do you require?	Yes

4. CONCLUSIONS AND PLANNED ACTION	
Is further work required?	Not at this time
What action is to be taken?	Continue to seek approval for an annual Roads Asset Replacement Programme.
Who will undertake it?	The Councils Roads Services Team
When will it be done?	Annually
How will it be monitored? (e.g. through service plans)	Through continued monitoring and inspection of the Roads Asset.

Signature



Date 01 March 2019

Name KENNETH ROY
(BLOCK CAPITALS)

Please sign and date this form, keep one copy and send a copy to Corporate and Community Strategy. It should also be emailed to Corporate and Community Strategy.