
Report To:	Environment & Regeneration Committee	Date:	2 March 2017
Report By:	Corporate Director Environment, Regeneration & Resources	Report No:	ERC/ENV/RG/16.303
Contact Officer:	Steven Walker	Contact No:	4828
Subject:	Roads Asset Management Plan 2017/18		

1.0 PURPOSE

- 1.1 The purpose of this report is to seek Committee approval in relation to a proposed programme of projects to be undertaken in 2017/18 using RAMP/Capital Funding and grant offers of funding by the Scottish Government for Cycling, Walking and Safer Street Projects.

2.0 SUMMARY

- 2.1 On 14 February 2013, the Council approved a three year budget which included £17m capital investment for carriageways, footways/footpaths, street lighting and structures. This was subsequently increased to £29m capital investment during February 2015. This report is to advise the Committee of the proposed RAMP/Capital expenditure and core projects for 2017/18 including CWSS Grant Funding amounting to a value of £5,932m.
- 2.2 The 2017/18 Cycling, Walking and Safer Street projects (CWSS) for Environmental and Commercial Services (Roads) are valued at £109k. At least 36% (and preferably above 50%) of the grant funding must be considered for the purposes of undertaking a programme of works for the promotion of cycling. Payment of the funding will be by grant made in arrears on the basis of evidenced expenditure.

3.0 RECOMMENDATIONS

- 3.1 That the Committee approve the list detailed below for the 2017/18 RAMP/Capital and CWSS grant aided roads related projects.
- 3.2 That the Committee grant delegated authority to the Head of Environmental & Commercial Services to achieve full spend of the RAMP/Capital budget through the substitution of projects from a reserve list when necessary.

Robert Graham
Head of Environmental & Commercial Services

4.0 BACKGROUND

- 4.1 The Council's Roads Asset Investment Strategy was approved by the Environment & Regeneration Committee of 10 August 2012. Subsequent to this, on 14 February 2013, the Council approved a three year budget which included £17m RAMP/Capital investment for carriageways, footways/footpaths, street lighting and structures. This was subsequently increased to £29m capital investment during February 2015.
- 4.2 The proposed programme for 2017/18 amounts to £5,932m, and includes for Roads Core Capital Funding and Grant Aided Funding from the Scottish Government via the Cycling, Walking & Safer Streets project. A proposed programme of schemes has been developed for 2017/18, and is detailed in paragraphs 5.6 to 11.1 below.

5.0 PROPOSALS – 2017/18 PROGRAMME

- 5.1 The proposed programme does not include any allocation for road infrastructure or lighting adjustments associated with the Schools Re-provisioning Programme.
- 5.2 The proposed projects, where appropriate, apply only to carriageways, footways, lighting and bridges etc. for which Environmental and Commercial Services (Roads) has specific responsibilities in terms of the Roads (Scotland) Act 1984. In addition, the programme of such projects has been compiled in compliance with the requirements of the Council's Local Transport Strategy, with particular reference to Policies Psafe19, 24, 28, 30, 37 and 38, Pwalk5, and Penviro3 and 13.
- 5.3 The costs of the projects as specified have been compiled on the basis of assessed unit costs and not on priced bill of quantities which will be prepared when the programme has been approved. Should the cost of any individual project exceed the preliminary estimate, appropriate variances will be applied to the remaining programme.
- 5.4 Delivery of the 2017/18 programme will depend on a number of factors including changing priorities due to ongoing changes within the condition of the network, weather, market prices and the work programmes of public utility companies who also require access to the road network. In view of this, it is proposed that delegated authority be given to the Head of Environmental & Commercial Services to achieve full spend of the capital budget through the substitution of projects from a reserve list when necessary. Reserve carriageway and footway projects are in the relevant section of this report.
- 5.5 A Cycling, Walking & Safer Streets (CWSS) budget has been established by the Scottish Ministers with a view to giving greater prominence to cycling, walking and safer streets to assist local authorities to achieve the aims of their Local Transport Strategy. Inverclyde Council has been awarded £109,000 from this fund for financial year 2017/18. It should be noted that the award is conditional on the Council considering spending at least 36% (and preferably above 50%) of the grant for the purposes of undertaking a programme of works for the promotion of cycling.
- 5.6 The programme of expenditure for the £5,932m funding is as detailed below.

Outline Programme for 2017/18	£000
RAMP	
Carriageways	2000
Footways	750
Lighting	750
Structures	300
Fees & Staffing	410
Roads Core Funding	
Traffic Measures	100
Parking Strategy	20
Langhouse Road Development	36

Flooding Strategy – Greenock Central	731
Flooding Strategy – Future Schemes	726
Cycling, Walking & Safer Streets	109
Total	5,932

6.0 RAMP CARRIAGEWAY PROGRAMME

6.1 The priority investment programme for carriageways has been determined through analysis of available information comprising: road hierarchy (road class), results from the Scottish Road Maintenance Condition Survey (SRMCS), local route knowledge with regard to defective lengths of carriageway, evidence of defects, number of complaints, accidents statistics, liability claims, and public, Councillor, and other requests. Particular emphasis is given to the road hierarchy, SRMCS and local route knowledge of Council Technical staff.

Future determination will be based on the Roads Asset Management Policy.

6.2 The proposed priority investment in carriageway infrastructure is noted in the table below (schemes are noted in alphabetical order by town).

RAMP Carriageways

£2m

i Named Resurfacing/Reconstruction (£1, 215m)

Cloch Road	Dunvegan Avenue to Faulds Park Road (p2)	Gourock
Dunvegan Avenue	Cloch Road to Tantallon Avenue	Gourock
Elm Terrace	Section to be confirmed	Gourock
Container Way	A78 to Laird Street	Greenock
Eldon Street	Wood Street to Esplanade	Greenock
Eldon Street	No 107 to No 133	Greenock
John Street	Full Length and Cul De Sac	Greenock
Lansbury Street	Smillie Street to Mitchell Street	Greenock
Leven Road	Renton Road to B788 Kilmacolm Road	Greenock
Octavia Terrace	Eldon Street to Octavia Terrace	Greenock
Prospecthill Street	Dunn Street to Ann Street	Greenock
Weir Street	Sections between Sinclair Street and Gibshill Road	Greenock
Stepends Road	Last section towards boundary	Kilmacolm
Dougliehill Terrace	Full length	Port Glasgow
Kilmacolm Road	Port Glasgow Campus to past Arran Avenue	Port Glasgow

ii Carriageway Proprietary Surface Treatments (£350,000)

King Street	Full Length	Gourock
Bedford Street	Newark Street to Brisbane Street	Greenock
Caddlehill Street	South Street to road end	Greenock
Cambridge Road	Full Length	Greenock
Denholm Street	South Street to Forsyth Street	Greenock
Denholm Terrace	Denholm Street to Forsyth Street	Greenock
Devon Road	Full Length	Greenock
Finnart Road	Robertson Street to Campbell Street	Greenock
Golf Place	Newton Street to road end	Greenock
Kelly Street	South Street to road end	Greenock
Lincoln Road	Full Length	Greenock
Minerva Terrace	Full Length	Greenock
North Road	Esplanade Road to Eldon Street	Greenock
Oxford Road	Full Length	Greenock
Pembroke Road	Full Length	Greenock
Stafford Crescent	Full Length	Greenock

Westfield Drive	Octavia Terrace to road end	Greenock
York Road	Full Length	Greenock
Alderbank Road	Full Length	Port Glasgow
Alderbrae	Full Length	Port Glasgow
Alderwood Road	Full Length	Port Glasgow
Angus Road	Full Length	Port Glasgow
Ardenclutha Drive	Full Length	Port Glasgow
Berwick Road	Full Length	Port Glasgow
Bogiewood Road	Full Length	Port Glasgow
Duncan Road	Full Length	Port Glasgow
Glenhuntly Terrace	Full Length	Port Glasgow
Glenpark Drive	Full Length	Port Glasgow
Hillside Drive	Full Length	Port Glasgow
Ivybank Crescent	Full Length	Port Glasgow
Kinross Avenue	Full Length	Port Glasgow
Lochview Road	Full Length	Port Glasgow
Rosbank Road	Full Length	Port Glasgow

- iii Carriageway Large Patching Various Locations (£200,000)
- v Minor Drainage Improvements (£25,000)
- vi Road Signs & Lines (£35,000)
- vii Bridgend Road (£100,000)
- viii Asset Management Plan & Inventory (£75,000)
- ix Named Resurfacing/Reconstruction Reserve Schemes

Auchenfoil Road	Sections between Haven and Clachers	Kilmacolm
Auchmead Road	A78 to Lincoln Road	Greenock
Fox Street	Union Street to Newton Street	Greenock
Papermill Road	Drumfrochar Road to Overton Road	Greenock
Burns Road	Devon Road to Berwick Road	Greenock
Cloch Road	Caravan Park to Underheugh Treatment Works (Selected Lengths)	Greenock
Reservoir Road	Larkfield Road to School	Greenock
Ardmore Road	Kinross Avenue to Bridgend Avenue	Port Glasgow
Muirdykes Avenue	Dubbs Rd to No 56	Port Glasgow

7.0 RAMP FOOTWAY PROGRAMME

- 7.1 The priority investment programme for footways/footpaths has been determined through analysis of available information comprising: route classification (amenity, use), local route knowledge with regard to defective lengths of footway/footpath, evidence of defects, number of complaints, accidents statistics, liability claims, and public, Councillor, and other requests. Particular emphasis is given to the route classification, and local route knowledge of Council Technical staff.

7.2 The proposed priority investment in footway infrastructure is noted in the table below (schemes are noted in alphabetical order by town).

RAMP Footways

£750k

i Named Resurfacing/ Reconstruction Schemes (£720k)

Broomberry Drive	South Footway between Larkfield Road and entrance to pets corner	Gourock
Larkfield Road	Opposite Shop (Lower Level)	Gourock
MacCallum Crescent	Full Length	Gourock
Tower Drive	Drumshantie Road to Divert Road	Gourock
Wellyard Way	Full Length	Gourock
Bawhirley Road	East Crawford Street to Strone Crescent	Greenock
Cornhaddock Street	Gordon Street to Broomhill Street	Greenock
Dempster Street	Brachelston St to Murdieston St	Greenock
Drumillanhill	Full Length	Greenock
Gateside Avenue	West Footway	Greenock
Grieve Road	Curlew Crescent to Linnet Road	Greenock
Leven Road	Selected Sections	Greenock
Manor Crescent	Burnside Road to Larkfield Road	Greenock
Murdieston Street	Brachelston Street to Dempster Street	Greenock
Newton Street	Forsyth Street to Fox Street	Greenock
Newton Street	Inverkip Road to Nelson Street	Greenock
Patrick Street	Union Street to Houston Street	Greenock
Patrick Street	Finnart Street to Ardgowan Street	Greenock
Prospecthill Street	Murdieston Street to Broomhill Street	Greenock
Tobago Street	Sir Michael Place to Crown Street	Greenock
Main Street	Full Length	Inverkip
Lochwinnoch Road	Castlehill Road to Northfield	Kilmacolm
Ardmore Road	Selected Sections	Port Glasgow
Ardenclutha Drive	Duncan Road to Alderwood Road	Port Glasgow
Auchendores Avenue	Full Length	Port Glasgow
Clune Brae	Selected Sections	Port Glasgow
Dubbs Road	Gareloch Road to Knocknair Street	Port Glasgow
Kelburn Terrace	Selected Lengths	Port Glasgow
Parkhill Avenue	Selected Lengths	Port Glasgow

- ii Footway/Footpath Large Patching at Various Locations (£30,000)
- iii Named Resurfacing/ Reconstruction Reserve

Arran Road	Full Length	Gourock
Cloch Road	Dunvegan Ave to Faulds Park	Gourock
Balmore Road	Full Length	Greenock
Cardross Crescent	Full Length	Greenock
Crisswell Close	Full Length	Greenock
Crisswell Crescent	Full Length	Greenock
Eldon Place	Octavia Terrace to Eldon Street	Greenock
Hillend Drive	Full Length	Greenock
South Street	Cemetery to Caddlehill Street	Greenock
Stafford Crescent	Full Length	Greenock
Stafford Road	Full Length	Greenock
Union Street	Margaret Street to Bedford Street	Greenock
Union Street	Bedford Street to Madiera Street	Greenock
Union Street	Patrick Street to Robertson Street	Greenock
Union Street	Robertson Street to Margaret Street	Greenock
Burnside Avenue	Full Length	Port Glasgow
Birkmyre Avenue	Full Length	Port Glasgow
Moss Road	Quarry Road to Bardrainey Road	Port Glasgow
Quarry Road	Full Length	Port Glasgow

8.0 RAMP STREET LIGHTING PROGRAMME

- 8.1 The delivery of the RAMP street lighting programme continues on from the works carried out in previous years, and concerns lanterns replacement and column replacement on a priority basis.
- 8.2 The proposed priority investment in street lighting infrastructure is noted in the table below.

RAMP Lighting (£750k)		£000
i	Column replacement/Connections – Various Locations (£500k).	750
ii	LED Lantern replacements – Various Locations (£250k)	

9.0 RAMP STRUCTURES PROGRAMME

- 9.1 The proposed programme of works for structures addresses the requirement to replace and/or replenish specific structural elements which in general have become dilapidated due to their age or which have been rendered unfit for purpose due to changes in legislation.

RAMP Structures (£300k)		£000
i	Scour Protection at various locations. To protect against scouring of the bridge and culvert substructures.	300

ii	Parapet Strengthening and other minor bridge/culvert improvements at various locations. Bridges and culverts assessed since a change in the assessment standards have shown deficiencies in the strength of their parapets and copes. Replacements are required to meet current standards.	
iii	Access Manhole - Westburn Street, Greenock. Construction of a new manhole at Westburn Street for access to Hole Burn.	
iv	Waterproofing - Cardwell Road Bridge, Gourock. To protect bridge deck from water/salt ingress.	
v	Low Bridge Signs Review, Various Locations. To ensure low bridge signing meets the requirements of current standards.	

10.0 RESIDUAL NON-RAMP - TRAFFIC MEASURES PROGRAMME (£100,000)

10.1 The proposed programme of works for Traffic Measures is taken from requests from the public and Councillors on their behalf, and prioritised using cost benefit and survey justification techniques to create a priority list to suit the available funds.

Traffic Measures (£100k)		£000
		100
i	Traffic Lights Improvements at Patrick Street, Greenock.	
ii	Traffic Calming Measures at various priority locations.	
iii	Minor Traffic Measures at various locations.	

11.0 CYCLING, WALKING & SAFER STREETS PROGRAMME (£109,000)

11.1 The proposed programme of works for the Cycling, Walking and Safer Streets meets the requirements of the government funding allocation and is prioritised to expand the off-road cycling asset within Inverclyde, improve the walking journey to school and enhance pedestrian safety on the local road network in keeping with national guidance.

Cycling, Walking and Safer Streets (£109k)		£000
		109
i	Lining Improvements - Eldon Street, Greenock	
ii	Buildouts - West End, Greenock	
iii	N753 Cycletrack - Inverkip to Wemyss Bay	
iv	Schools Working Group Requests	
v	Dropped Kerbs - Various Locations	
vi	Portable Vehicle Actuated Signs (x4)	

12.0 IMPLICATIONS

12.1 Financial Implications:

One off Costs

Cost Centre	Budget Heading	Budget Years	Proposed Spend this Report £000	Virement From	Other Comments
Capital	RAMP	2017/18	4,210	-	CWSS Grant Allocation Projects
Core Programme	Core	2017/18	1,613	-	
Capital	CWSS		109	-	

Annually Recurring Costs/ (Savings)

Cost Centre	Budget Heading	With Effect from	Annual Net Impact £000	Virement From (If Applicable)	Other Comments
N/A					

Legal

12.2 Legal Services have been consulted on the content of this report.

Human Resources

12.3 Staff recruitment for the RAMP project is complete.

Equalities

12.4 No implications.

Repopulation

12.5 The improvement in the condition of the road network will assist the encouragement of inward investment.

13.0 CONSULTATIONS

13.1 None.

14.0 LIST OF BACKGROUND PAPERS

14.1 Inverclyde Council's "Road Asset Investment Strategy"; August 2012.