

Report To:	Environment & Regeneration Committee	Date:	14 January 2016
Report By:	Corporate Director Environment, Regeneration & Resources	Report No:	ERC/ENV/IM/15.260
Contact Officer:	Graeme Blackie	Contact No:	714828
Subject:	Environmental & Commercial Services (Roads) – Proposed RAMP/Capital Programme for Carriageway Protective Surface Treatments (2016/17)		

1.0 PURPOSE

- 1.1 The purpose of this report is to advise the Committee of the proposed capital programme for carriageway protective surface treatments for 2016/17.

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.
- 2.2 For the financial year 2016/17, there will be a programme of carriageway protective surface treatments, as detailed in 5.1 below, and valued at £840k.
- 2.3 The proposed programme noted in paragraph 5.1 below, is an extract of the overall RAMP programme for 2016/17, currently under development, and which will be brought to the March 2016 Environment & Regeneration Committee for approval.

3.0 RECOMMENDATIONS

- 3.1 That the Committee approve the programme and spend profile for 2016/17 for carriageway protective surface treatments, as outlined in paragraph 5.1 of this report.
- 3.2 That the Committee note that further reports will be brought to a future Environment & Regeneration Committee in respect of the award of the tenders for carriageway protective surface treatments.

Ian Moffat
Head of Environmental and Commercial Services

4.0 BACKGROUND

- 4.1 A proposed programme of projects for carriageway protective surface treatments to a total value of £840k has been developed, and is detailed in paragraph 5.1 below.
- 4.2 The proposed programme is in respect of only carriageway protective surface treatments for 2016/17. A further report detailing the full capital programme will be brought to the Committee in March 2016, for the balance of the total RAMP funding for 2016/17.
- 4.3 The proposed projects, where appropriate, apply only to carriageways for which Environmental and Commercial Services (Roads) has specific responsibilities in terms of the Roads (Scotland) Act 1984.
- 4.4 The costs of the projects as specified are exclusive of fees and 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.
- 4.5 The use of carriageway protective surface treatments forms an integral part of the overall Roads Asset Management Strategy as approved in August 2012. These relatively low cost treatments are applied to existing carriageway pavements to restore, preserve, and extend the lifecycle of the underlying materials, and thus avoid or delay the high costs of future reconstruction, whilst still maintaining the running surface in an acceptable physical and aesthetic condition. These treatments are not used where the existing carriageway is starting to suffer significant deterioration (significant changes in profile or where rutting is developing along the wheel tracks); in these circumstances conventional resurfacing/reconstruction would be proposed.
- 4.6 Two types of treatment are proposed. Firstly, Microasphalt, which is an asphalt based treatment which is mixed in-situ in specialist plant and deposited on to the road surface. This preventative treatment offers longer life expectancy of existing carriageways, high resistance to rutting, reduced traffic noise and is able to withstand heavy trafficking. Secondly, Surface Dressing, which involves the application of a liquid binder and a layer of aggregate which is deposited and rolled in place. Both types of treatment have been around for many years, and have been used successfully within Inverclyde for a number of years, including years 1 to 3 of the RAMP funding, and are widely used by many other Councils.
- 4.7 The £840k estimated cost is split as follows:
- preparatory patching to the value of £70k, which will be carried out by the Council's Internal Operations Unit;
 - external contract for microasphalt to the value of £525k;
 - external contract for surface dressing to the value of £255k.

The external contracts will be tendered on the basis of a 2 year maintenance period (warranty). Further reports will be brought to a future Environment & Regeneration Committee in respect of the award of the tenders noted above.

- 4.8 The projects noted in paragraph 5.1 below have been determined on a priority basis, taking into account the results from the Scottish Road Maintenance Condition Surveys, local route staff knowledge and consideration of requests concerning poor carriageway condition from Local Members and the public.

5.0 PROPOSALS

5.1 The proposed investment in road carriageway infrastructure is detailed in the table below; it should be noted that the budget costs include for microasphalt, site investigation works, advance patching and drainage works, lining works, materials testing.

<i>Programme for Carriageway Protective Surface Treatments - Microasphalt</i>				2016/17 (£000s)
<i>Road Name</i>	<i>Class</i>	<i>Extent</i>	<i>Location</i>	595
STROMA AVENUE	U	FULL LENGTH	PORT GLASGOW	
WESTRAY AVENUE	U	FULL LENGTH	PORT GLASGOW	
ISLAY AVENUE	U	FULL LENGTH	PORT GLASGOW	
PLADDA AVENUE	U	FULL LENGTH	PORT GLASGOW	
SANDRAY AVENUE	U	FULL LENGTH	PORT GLASGOW	
RONA AVENUE	U	FULL LENGTH	PORT GLASGOW	
LOMOND AVENUE	U	FULL LENGTH	PORT GLASGOW	
ROSNEATH ROAD	U	FULL LENGTH	PORT GLASGOW	
HOUSTON ROAD	C	FULL LENGTH	KILMACOLM	
GLENCAIRN ROAD	U	FULL LENGTH	KILMACOLM	
FINLAYSTONE ROAD	C	FULL LENGTH	KILMACOLM	
WEST GLEN ROAD	C	THE LODGE TO BOUNDARY	KILMACOLM	
HILLEND DRIVE	U	FULL LENGTH	GREENOCK	
HILLEND PLACE	U	FULL LENGTH	GREENOCK	
GALT STREET	U	FULL LENGTH	GREENOCK	
TORRANCE ROAD	U	FULL LENGTH	GREENOCK	
LEVEN PLACE	U	FULL LENGTH	GREENOCK	
FORSYTH STREET	U	ESPLANADE to DENHOLM GARDENS(included)	GREENOCK	
CAMPBELL STREET	U	BROUGHAM STREET to SOUTH STREET	GREENOCK	
ROBERTSON STREET	U	UNION STREET to SOUTH STREET	GREENOCK	
MARGARET STREET	U	ESPLANADE to FINNART STREET	GREENOCK	
PARTRIDGE ROAD	U	FULL LENGTH	GREENOCK	
FALCON CRESCENT	U	FULL LENGTH	GREENOCK	
MALLARD CRESCENT	U	FULL LENGTH	GREENOCK	
KESTREL PLACE	U	FULL LENGTH	GREENOCK	
RAVEN ROAD	U	FULL LENGTH	GREENOCK	
ROOK ROAD	U	FULL LENGTH	GREENOCK	
GLAMIS PLACE	U	FULL LENGTH	GREENOCK	
GLAMIS DRIVE	U	FULL LENGTH	GREENOCK	
MACBETH ROAD	U	FULL LENGTH	GREENOCK	
GATESIDE GARDENS	U	FULL LENGTH	GREENOCK	
GATESIDE GROVE	U	FULL LENGTH	GREENOCK	
NAIRN ROAD	U	FULL LENGTH	GREENOCK	
CAITHNESS ROAD	U	FULL LENGTH	GREENOCK	
BANFF PLACE	U	FULL LENGTH	GREENOCK	
FIFE ROAD/FIFE DRIVE	U	FULL LENGTH	GREENOCK	

<i>Programme for Carriageway Protective Surface Treatments – Surface Dressing</i>				<i>2016/17 (£000s)</i>
<i>Road Name</i>	<i>Class</i>	<i>Extent</i>	<i>Location</i>	255
OLD LARGS ROAD	C	ACCESS ROAD AT GRYFFE RESERVOIRS TO BOUNDARY	GREENOCK	
DUNROD ROAD	C	FULL LENGTH	GREENOCK	
CLOAK ROAD	U	FULL LENGTH	PORT GLASGOW	
BLACKSHOLM ROAD	U	FULL LENGTH	KILMACOLM	
EAST GREEN ROAD	U	FULL LENGTH	KILMACOLM	
KNOCKBUCKLE ROAD	U	FROM END OF HOUSES TO NETHERWOOD ROAD	KILMACOLM	

6.0 IMPLICATIONS

Finance:

6.1	Cost Centre	Budget Heading	Budget Years	Proposed spend this report (£000s)	Virement from	Other comments
	RAMP	Carriageway Resurfacing	2016/17	840	n/a	

Legal

6.2 There are no legal implications arising from this report.

Human Resources

6.3 There are no specific HR implications arising from this report.

Equalities

6.4 As this report does not involve a new Policy or a new Strategy, there are no equalities issues arising.

Repopulation

6.5 The quality of the roads network is an influencing factor in the perception which people have of the area and therefore it is important that the Council optimises its limited spend on roads maintenance and as such the work generated by this report will have a positive benefit to the Council's Repopulation Strategy.

7.0 CONSULTATIONS

7.1 No specific consultations are required as a result of this report.

8.0 LIST OF BACKGROUND PAPERS

8.1 None.