

CABINET

16 APRIL 2013

ROAD AND PAVEMENT RESURFACING SCHEMES

Portfolio Holder: Councillor Phil Filmer Front Line Services

Report from: Robin Cooper, Director of Regeneration, Community and Culture

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Summary

This report provides a list of Road and Pavement Resurfacing Schemes for 2013/14.

It was agreed at Council on 21 February 2013, that a further £480,000 of funding would be put forward for Road and Pavement schemes. This reports identifies those additional schemes on which the funding will be spent.

1. Budget and Policy Framework

- 1.1 The budget for these works has been agreed by Full Council, therefore the recommendations in this report are for Cabinet to decide.
- 1.2 The decision is within the policy and budget framework and in line with the priority of 'Everyone benefiting from regeneration' as set out in the Council Plan 2013/2015.

2. Background

- 2.1 The Highways Department compile a list of Road and Pavement sites to be resurfaced on an annual basis. The list of sites is restricted by the available and allocated budget. The proposed sites for 2013/2014 are listed in Appendix A.
- 2.2 It was agreed at Council on 21 February 2013 that a further £480,000 of funding would be put forward for additional Road and Pavement schemes. The proposed additional road and pavement sites are listed in Appendix B.
- 2.3 Highways are also seeking to improve the figures for National Indicator 168 (Principal Roads where maintenance should be considered) and National Indicator 169 (Non-Principal classified roads where maintenance should be considered) against the newly approved targets of 6% and 13% respectively.

- 2.4 Each year the Highways Department receive information and requests from Members, Highway Inspectors, members of the public and other external sources detailing roads and pavements that require attention.
- 2.4.1 On an annual basis Medway Council undertake prescriptive road condition surveys as is required by Government to determine National Indicators (NI 168 and NI 169). The results from these very specialised inspections are also processed through a Carriageway Asset Management System (JCAM).
- 2.4.2 Each request is also considered and a visit is made to each site by an experienced Highways Engineer to undertake an objective assessment of the road and pavement condition and usage. The assessment takes into account all visual defects such as cracking, crazing and rutting together with those defects previously recorded by our road-surveying consultant.
- 2.4.3 Each of these sites is then given a priority assessment; a list of roads and pavements needing resurfacing is then drawn up. Cost estimates are prepared for each scheme and a cut off point added to show the extent of the approved budget.
- 2.4.4 The implementation of every proposed scheme is subject to weather conditions, statutory undertakers works, projects and other external influences and may therefore be delayed or postponed until resolved.
- 2.5 Following approval of the schemes the programme of resurfacing works will be procured through the Highways Term Maintenance Contract with VolkerHighways.

3. Options

- 3.1 The additional list of Road and Pavements sites encompassed within the £480,000 funding as detailed below are split with approximately £250,382 on Road sites and £229,618 on Pavement sites. The options for Cabinet are to agree and approve the selected Road and Pavements sites on each list.

4. Advice and analysis

- 4.1 Highways have invested in a system called J-CAM, (Jacobs Carriageway Asset Management) which takes the UK Pavement management System (UKPMS) data in CONFIRM (highways Asset management system) and enters that data into a model of the councils network, from this model we can predict what resources we need over the coming years to either maintain the network to a predetermined condition or conversely if we specify what resources will be spent on the asset, the model will predict the condition the network will be in over years, so that reliable informed decision making can take place.
- 4.2 This system (JCAM) is currently being calibrated and populated with Medway data and over the coming year will offer significant information on the condition of the roads in Medway to ensure that in future years we will be able to see the condition of all roads/pavements in Medway and will be able to take informed decisions based on technical condition data.

5. Risk management

Risk	Description	Action to avoid or mitigate risk	Risk rating
Unable to spend additional funding	Contractor unable to complete programme of works within the financial year.	Ensure works programme is realistic and monitor progress.	D3
Third party claims	Damage to private property during works.	Consultation with shopkeepers / property owners and best practice working.	C3
Additional costs	Increased costs due to unforeseen circumstances within works carried out on private property.	Carry out surveys before start of works to reduce potential costs.	D3
Likelihood A Very high B High C Significant D Low E Very low F Almost impossible	Impact: 1 Catastrophic (Showstopper) 2.Critical 3.Marginal 4.Negligible		

6. Consultation

- 6.1 For all of the resurfacing works there will be prior consultation with transportation companies and emergency services.
- 6.2 For some of the Rainham sites it will be necessary to consult with private property owners regarding works adjacent to the private forecourts in Station Road. The works detailed below are only for those areas that are public Highway and does not extend onto the private forecourts.

7. Financial and legal implications

- 7.1 Road and Pavement Resurfacing schemes 2013/2014 (Appendix A) - There are no financial implications resulting from this scheme as the funding has already been allocated through the LTP process and through Members approval of Highway Budgets identified and set at Council in February 2013.
- 7.2 Additional road and Pavement Schemes (Appendix B) - There are no financial implications resulting from this scheme as the funding has already been

allocated through Members approval of Highway Budgets identified and set at Council in February 2013.

- 7.3 Members Priority Fund – There are no financial implications resulting from this scheme as the existing Members' Priority Fund will be used to facilitate the implementation of the public highway element of these works.
- 7.4 The Council has a number of duties under the highways legislation, primarily under section 41 of the Highways Act 1980 to maintain adopted highway.

8. Recommendations

- 8.1 The Cabinet agrees the Road and Pavement programmes as set out in Appendices A and B to the report.

9. Suggested reasons for decision(s)

- 9.1 The reason for the recommendations are that they will assist with the Council's priority of 'Everyone benefiting from regeneration'.

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Background papers

Council Minutes 21 February 2013(Minute No.867(b):
<http://democracy.medway.gov.uk/mgAi.aspx?ID=7754>

Appendices

Proposed Road and Pavement Resurfacing Schemes 2013/14

(See Appendix A)

Additional Road and Pavement Resurfacing Schemes (£480,000)

(See Appendix B)

Road Schemes 2013/14

No.	Ward	Road	Process	Date of works	How scheme was prioritised.	Funding
1	Rochester South and Horsted	A229 Maidstone Road (Shirley Ave Roundabout and S.B. Lanes to Watson Ave)	Conventional Resurfacing	To be programmed.	c/fwd from previous programme due to Stats	LTP
2	Gillingham South, Luton and Wayfield & Watling	A2 Watling Street (Canterbury Street to Ash Tree Lane)	Conventional Resurfacing	To be programmed.	c/fwd from previous programme due to Stats	LTP
3	Cuxton and Halling	The Street	Microsurfacing	To be programmed.	outstanding works	LTP
4	River	Manor Road	Conventional Resurfacing	To be programmed.	outstanding works	LTP
5	Chatham Central	Boundary Road	Conventional Resurfacing	To be programmed.	outstanding works	LTP
6	Watling & Hempstead and Wigmore	Kingsway (Darland Ave to Windy Ridge)	Conventional Resurfacing	To be programmed.	outstanding works	LTP
7	Chatham Central	Sturla Road	Conventional Resurfacing	To be programmed.	c/fwd from previous programme due to Stats	LTP
8	Strood Rural	Pond Hill	Conventional Resurfacing	To be programmed.	category 1 assessment	LTP
9	Twydall	South Avenue	Conventional Resurfacing	To be programmed.	category 1 assessment	LTP
10	Strood North	Mill Road	Conventional Resurfacing	To be programmed.	Inspectors Report	LTP
11	Strood North	Cecil Avenue	Conventional Resurfacing	To be programmed.	category 1 assessment	LTP
12	Rainham North	Ivy Street	Conventional Resurfacing	To be programmed.	category 1 assessment	LTP
13	Cuxton and Halling	Pilgrims Way	Conventional Resurfacing	To be programmed.	Inspectors Report	LTP
14	Watling	Ambley Road	Conventional Resurfacing	To be programmed.	category 1 assessment	LTP
15	Strood North	Hayward Avenue	Conventional Resurfacing	To be programmed.	category 1 assessment	LTP
16	Strood Rural	Lingley Drive	Microsurfacing	To be programmed.	Inspectors Report	LTP

Road Schemes 2013/14

No.	Ward	Road	Process	Date of works	How scheme was prioritised.	Funding
17	Strood South	Highlands Close	Microsurfacing	To be programmed.	Inspectors Report	LTP
18	Rochester East	Barnaby Terrace	Microsurfacing	To be programmed.	category 1 assessment	LTP
19	Watling	Beechwood Avenue	Microsurfacing	To be programmed.	category 1 assessment	LTP
20	Peninsula	Cooling Road and The Street (Buck Hole Farm Road to Primary School)	Microsurfacing	To be programmed.	category 1 assessment	LTP
21	Twydall	Boughton Close	Microsurfacing	To be programmed.	category 1 assessment	LTP
22	Rainham South	Thorpe Walk	Microsurfacing	To be programmed.	category 1 assessment	LTP
23	Hempstead and Wigmore	Greenbank Close	Microsurfacing	To be programmed.	category 1 assessment	LTP
24	Luton and Wayfield	Mountbatten Ave	Retread	To be programmed.	category 1 assessment	LTP
25	Luton and Wayfield	Tobruk Way	Retread	To be programmed.	c/fwd from previous programme due to Stats	LTP
26	Rochester South and Horsted	Shirley Ave (Roundabout)	Conventional Resurfacing	To be programmed.	outstanding works	LTP
27	Luton and Wayfield	Barnfield	Conventional Resurfacing	To be programmed.	Inspectors Report	Capital
28	Chatham Central	Scotts Terrace	Conventional Resurfacing	To be programmed.	Inspectors Report	Capital
29	Strood North	Dongola Road	Conventional Resurfacing	To be programmed.	Inspectors Report	Capital
30	Strood North	Slatin Road	Conventional Resurfacing	To be programmed.	Inspectors Report	Capital
31	Cuxton and Halling	Stake Lane	Conventional Resurfacing	To be programmed.	Inspectors Report	Capital
32	Medway	Various Sites	Carriageway Joint Seal	To be programmed.	category 1 assessment	Capital

Total Cost £1,182,079

Appendix A (continued)

Pavement Schemes 2013/14						
No.	Ward	Road	Process	Date of Works	How scheme was prioritised.	Funding
1	Watling	Haig Avenue (Whole Road)	Base and Wearing	To be programmed.	c/fwd from previous years programme	LTP
2	Twydall	Crundale Road (Whole Road)	Base and Wearing	To be programmed.	Inspectors Report	LTP
3	Walderslade	Marion Close (Whole Road)	Base and Wearing	To be programmed.	outstanding works	LTP
4	Twydall	Greenvale Gardens (Whole Road)	Base and Wearing	To be programmed.	c/fwd from previous years programme	LTP
5	Rainham North	Streetfield Road (Whole Road)	Base and Wearing	To be programmed.	Inspectors Report	LTP
6	Twydall	South Avenue (Whole Road)	Base Wearing and Kerbs	To be programmed.	Inspectors Report	LTP
7	Twydall	Hawkhurst Road (Whole Road)	Base and Wearing some Kerbs	To be programmed.	Inspectors Report	LTP
8	Gillingham South	Cowper Road (Whole Road)	Base and Wearing	To be programmed.	c/fwd from previous years programme	LTP
9	Rochester East	Corporation Street (Blue Boar Lane to Bardell Terrace)	Base and Wearing	To be programmed.	Inspectors Report	Capital
10	Twydall	Charing Road (Whole Road)	Base and Wearing	To be programmed.	Inspectors Report	Capital
11	Watling	Cleve Road (Oxford Road to Seaton Road)	Base Wearing and Kerbs	To be programmed.	c/fwd from previous years programme	Capital
12	Princes Park	Sundridge Drive (51 to 73)	Base and Wearing	To be programmed.	c/fwd from previous years programme	Capital
13	Gillingham North	Wyles Street (Whole Road)	Base and Wearing	To be programmed.	Inspectors Report	Capital
14	Strood North	Cecil Avenue (Whole Road)	Base and Wearing	To be programmed.	Inspectors Report	Capital
15	Strood Rural	Benenden Road (No.1 to Cypress Road)	Base and Wearing	To be programmed.	Inspectors Report	Capital

Total Cost £311,480

Appendix A (continued)

Rainham Issues Surveyed and to be funded by the Members Priority Fund						
No.	Ward	Road	Process	Date of Works	How scheme was prioritised.	Funding
1	Rainham North	High Street	Install 13 bollards to prevent parking near ATM machine	To be programmed.	Member / Ward Request	Members Priority Fund
2	Rainham North	High Street / Holding Street	Additional illuminated Give Way Signs at mini roundabout	To be programmed.	Member / Ward Request	Members Priority Fund
3	Rainham North	High Street	High friction Surfacing between Station Road and Holding Street	To be programmed.	Member / Ward Request	Members Priority Fund
4	Rainham North	Henry / Williams and Wakeley Road	Consultation and Design	To be programmed.	Member / Ward Request	Members Priority Fund
5	Rainham North	Station Road Pedestrian Crossing to Longley Road Highway Section Only	Footway Resurfacing	To be programmed.	Member / Ward Request	Members Priority Fund
6	Rainham North	Station Road Longley Road to Webster Road	Footway Resurfacing	To be programmed.	Member / Ward Request	Members Priority Fund
7	Rainham North	Station Road Solomon Road to Hothfield Road	Footway Resurfacing	To be programmed.	Member / Ward Request	Members Priority Fund
8	Rainham North	Station Road Hothfield to Pedestrian Crossing Highway Section Only	Footway Resurfacing	To be programmed.	Member / Ward Request	Members Priority Fund

Total Cost

£73,200

Road Sites Surveyed and to be resurfaced using £250,000 of the additional funds identified by Council (£480,000)

No.	Ward	Road	Process	Date of Works	How scheme was prioritised.	Funding
33	Watling & Hempstead and Wigmore	Kingsway (Windy Ridge to Hunters Way)	Conventional Resurfacing	To be programmed.	outstanding works	Additional Funds
34	Watling & Hempstead and Wigmore	Kingsway (Hunters Way East to Hunters Way West)	Conventional Resurfacing	To be programmed.	outstanding works	Additional Funds
35	Luton and Wayfield	Churchill Avenue	Microsurfacing	To be programmed.	category 1 assessment	Additional Funds
36	Walderslade	Princes Avenue (Walderslade Road to Dargets Road)	Road resurfacing	To be programmed.	category 1 assessment	Additional Funds
37	Princes Park	Swallow Rise (Highgrove Road to Princes Avenue)	Road resurfacing	To be programmed.	category 1 assessment	Additional Funds
38	Walderslade	Redwood Close	Road resurfacing	To be programmed.	category 1 assessment	Additional Funds
39	Rochester West	Castle Hill	Carriageway Base and Wearing Course	To be programmed.	category 1 assessment	Additional Funds

Total Cost £250,382

Pavement Sites Surveyed and to be resurfaced using £230,000 of the additional funds identified by Council (£480,000)

No.	Ward	Road	Process	Date of Works	How scheme was prioritised.	Funding
16	Strood North	Slatin Road (Whole Road)	Base, Wearing and Kerbs	To be programmed.	Inspectors Report	Additional Funds
17	Strood North	Mill Road (Frindsbury Rd to Ravenswood Ave)	Base, Wearing and Kerbs	To be programmed.	Inspectors Report	Additional Funds
18	Cuxton and Halling	Vicarage Close (Whole Road)	Base and Wearing	To be programmed.	Inspectors Report	Additional Funds
19	Luton and Wayfield	Tobruk Way (2 to 46 and 65 to 79)	Base and Wearing	To be programmed.	Inspectors Report	Additional Funds
20	Rainham South	Peveral Green and Long Catlis Road	Base and Wearing	To be programmed.	Inspectors Report	Additional Funds

Appendix B (continued)

Pavement Sites Surveyed and to be resurfaced using £230,000 of the additional funds identified by Council (£480,000)						
No.	Ward	Road	Process	Date of Works	How scheme was prioritised.	Funding
21	Twydall	Featherby Road (Broadway to Chilham Road)	Base and Wearing	To be programmed.	Inspectors Report	Additional Funds
22	Luton and Wayfield	Wayfield Road (67 to Stalin Ave)	Base and Wearing	To be programmed.	Inspectors Report	Additional Funds
23	Twydall	Teynham Green (Whole Road)	Base and Wearing	To be programmed.	Inspectors Report	Additional Funds
24	Lordswood and Capstone	Albemarle Road (North Dane Way to Lambourn Way)	Base and Wearing	To be programmed.	Inspectors Report	Additional Funds
25	Chatham Central	Scotts Terrace (1 to Dale Street)	Base and Wearing	To be programmed.	Inspectors Report	Additional Funds
26	Strood South	Darnley Road	Still to be measured	To be programmed.	Inspectors Report	Additional Funds

Total Cost £229,618