

2013- 2018

SURREY ROAD MAINTENANCE OPERATION HORIZON



INVESTING IN YOUR COMMUNITY

AREA: Runnymede

Surrey County Council

UPDATE 06/02/2014

ITEM 10 INTRODUCTION

The health and condition of our road network is vital to local businesses, the wider economy and residents' pride in their community.

However, with the fourth busiest road network in the UK, ever-increasing demands from the utility companies to install new infrastructure and escalating incidents of severe weather combining to cause cracks and uneven surfaces, the challenge to maintain our network, to the standards demanded by our residents, has never been greater.

INVESTING IN THE FUTURE

To meet the challenges of the future and deliver significant improvement in Surrey's road network, in February 2013 Surrey County Council therefore approved the delivery of one of the largest single road investment programme in Surrey's recent history.

The **£100m** investment programme, **Operation Horizon**, will be delivered over a five year period from 2013 – 2018 and has five key objectives of:

- i. Replacing 500km (10%) of the council's road network
- ii. Reducing the number of potholes and safety defects
- iii. Improving the council's national score for road condition
- iv. Improving the appearance and ride quality of network
- v. Supporting local economy through reduced road disruption and closures

This information leaflet provides the investment information for **Runnymede** and details the specific roads that will be replaced over the five year period in your area.

YEAR ONE UPDATE

Surrey County Council have to date reconstructed over 115km (70 miles) of its network under the County Horizon programme, which is the equivalent of the distance from Guildford to the Channel Tunnel at Folkestone.

By the end of November 2013, we reached our target of completing 100km (62 miles) of the network.

Surrey Engineers have led an integrated team consisting of contractors and specialists to investigate, design and construct each road identified under the Horizon programme, such that it is suitable for future use. As a result, over 150 of the worst roads across Surrey have now been reconstructed with a ten year guarantee. Issues that have affected the integrity of the carriageway, such as underlying drainage problems, and insufficient road foundation to cater for modern traffic loading, have been identified and addressed during the design process. These type of issues are a major factor of the formation of potholes and defects. From a recent inspection of the completed Horizon roads following the severe weather of December and

January, many of which have been under water, were found to be defect and pothole free, thus proving the success of the Horizon approach.

Savings in excess of £2 million have already been achieved through contract savings and value engineering, which is being reinvested into the reconstruction of more roads.

Over 10km of the Runnymede network has received surface treatment, which is equivalent to the distance from the Magna Carta monument in Runnymede Park to Heathrow Airport.

This supporting surface treatment programme is designed to extend the life of the existing carriageway of roads not identified under Horizon

RUNNYMEDE – ROAD INVESTMENT PROGRAMME

Runnymede has **281km** of road, many of which are residential streets that feed into the major arterial network, with direct links to the M3 and M25.

Over the five year programme, Operation Horizon will invest a minimum of **£6m** in Runnymede's road network. The investment will enable over **33km (11%)** of Runnymede's road network to be replaced, significantly improving ride quality and community pride.

The provisional programme for roads to be resurfaced in Runnymede under 'Operation Horizon' is detailed by town/village, from Page Six.

HOW WERE THE ROADS SELECTED?

In 2012 a full engineering survey was completed for the majority of Runnymede's road network. All surveyed roads were then prioritised and scored using condition data to determine the worst 28km of roads in Runnymede.

In conjunction, a public consultation exercise was held which allowed members of the public to nominate their own worst roads, while to support the consultation a series of road shows were held across the County.

Using the condition data, public nominations and local knowledge, Engineers then worked with the Local Runnymede Committee to determine, within the funding constraints, the optimum five year programme for the Runnymede area.

WHAT WILL THE WORK INVOLVE?

Prior to construction, all roads on the Operation Horizon Programme will be assessed by a qualified engineer to determine reason for road failure. This will include assessment of the underlying road base and top surface. Depending upon the needs analysis, one of two options will be selected;

- ✓ **full reconstruction**, replacing the underlying road base & top surface
- ✓ **partial reconstruction**, replacing top road surface only

The right engineering option will be selected for each road, with the latest road design and engineering best practice deployed to ensure the road is fit for purpose for at least the next 10-15 years.

In addition to Operation Horizon, Surrey Highways will also deliver an annual Surface Treatment programme. This programme will provide minor road repairs and add a new surface layer to protect road from future water ingress.

For 2013/14 approximately 24 roads were identified as suitable for this treatment and are detailed at the end of the report in Appendix 1 with comments regarding the up to date status.

WHAT TO DO IF YOUR ROAD IS NOT INCLUDED IN OPERATION HORIZON?

Operation Horizon will replace the worst 10% of roads in Runnymede and will make lasting improvement to the road network. However, we recognise the investment programme is not able to replace every road in the area to the desired standard. If you therefore believe urgent work is required on your road and it is not on the proposed programme, you have two available options:

Option One: Safety Defects

If your road contains defects or potholes which are causing a hazard to safety then you can report the defect via our online reporting tool at www.surreycc.gov.uk/do-it-online/report-it-online#highways. The defect will be inspected and you will receive written confirmation of proposed remedial action within 28 days.

Option Two: Condition Repair

If your road has poor ride quality and is causing significant local inconvenience then you can petition the local Runnymede Committee to allocate funding for a full reconstruction or repair. Funding is limited and the Committee will not be able to meet all requests, with petitions assessed on a needs basis. Details on how to submit petition are available via the Surrey CC website.

MANAGING CHANGE OVER PROGRAMME TERM

Operation Horizon was developed based using the best information available in 2012 and it is the Council's intention to maintain, over the five year period, the programme integrity to the best of its ability.

However, it is clearly recognised that over a five year period, the network is subject to change with impact of weather, utility works and further events forcing changing maintenance priorities. The programme for Operation Horizon will therefore be formally reviewed on an annual basis, to ensure it meets the latest needs of the Runnymede network. This may involve bringing schemes forward in the programme or replacing schemes. Any such amendments will be evaluated scientifically, with updated programme published each April via the Runnymede Local Committee and County Council website.

FURTHER INFORMATION

For further information, including actual dates for proposed schemes due within the next six months, and further questions/answers please see:

www.surreycc.gov.uk/roads-and-transport/highways-information-online/improving-surreys-roads

Key:

Completed

Deferred

1. Addlestone

Project Horizon

Year One (2013/14)

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Weybridge Rd	A317	Woburn Hill	Borough Boundary	1000	Deferred to Yr 2, works to be co-ordinated with all A317 works

Year Two (2014/15)

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Chertsey Road	A317	Chertsey R/A (Inc. R/A)	Eastworth Rd	800	
Weybridge Rd	A317	Woburn Hill	Borough Boundary	1000	Deferred from Yr 1
Woburn Hill	A317	Chertsey Rd r'about	Station Road	1026	Brought forward from Yr 2

Years Three to Five (2015/18)

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Copperfield Rise	D3107	Rudd Rise	End	362	
Dickens Drive	D3107	Copperfield Rise	Ongar Hill	241	

1. Addlestone (Continued)

Years Three to Five (2015/18) continued

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Heron Dale	D3089	Bois Hall Road	End	196	
Lime Grove	D3035	Quiet Close	Church Road	218	
Marley Close	D3108	Copperfield Rise	End	140	
St Peters Way RB	A317	All Approaches		550	
Liberty Lane	D3098	Brighton Road	End	700	
School Lane	D3031	Church Road	Green Lane	750	
Ongar Hill	C128	Spinney Hill	Hare Hill	640	
Crouch Oak La	D3038	Station Road	Princess Marys Road	320	
Station Road	B3121	Weybridge Road	Brighton Road	1010	Moved from Yr 2 due to development works
Church Road	B3121	Brighton Road	M25 bridge	815	Moved from Yr 2 due to development works
Spinney Hill	B3121	M25 bridge	Hare Hill	894	Moved from Yr 2 due to development works
Chertsey Road	A318	Chertsey R/A	High Street	615	Moved from Yr 2 due to development works
High Street	A318	Chertsey Road	Station Road	376	Moved from Yr 2 as had recent ST works

Project Horizon

Year Two (2014/15)

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Guildford Road mini r/abouts	A320	Green Lane 2 mini r/abouts	Little Green Lane	400	
Grove Road all sections	D3011	St Ann's Road	To End inc Sth Grove	700	

Years Three to Five (2015/18)

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
St Ann's Road	B375	Chertsey Bypass	Windsor Street	470	
London St/ Windsor Street	B375	St Ann's Road	Bridge Road	700	
Bridge Road	B375	London Street	Chertsey Bridge	900	
Paddocks Way	D3042	Fordwater Road	End	120	
Mead Lane	B3043	Fordwater Road	End	594	Development works. Road humps issue.

3. Egham

Project Horizon

Year One (2013/14)

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Thorpe Road	B3376	Hythe Field Ave	Egham R/about	500	Deferred to Yr 2 due to material option HRA

Year Two (2014/15)

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Chertsey Lane	A320	Egham R/A	Timsway	500	
Thorpe Lea Road	B3376	Ayebridges Ave	Hythe Field Ave	700	
The Glanty/The Causeway	A308	Runnymede R/A	The Causeway	500	
Thorpe Road	B3376	Hythe Field Ave	Egham R/about	500	Deferred from Yr 1

Years Three to Five (2015-2018)

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Grange Road	D3184	Church Rd	North St	285	
Stroude Road	C10	Manorcrofts Rd	New Wickham Lane	500	
Wapshott Road	D3155	St Pauls Road	Bowes Road	350	
Vicarage Road	B388	Thorpe Lea Rd	M25 Bridge	1000	
Claremont Rd	D3148	The Causeway	End	230	
Station Road	C10	Church Road	Manorcrofts Road	300	
Egham Bypass	A30	High Street	A308 Windsor Rd	1100	Deferred from Yr 2 due to planned utility works

4. Englefield Green / Egham Town

Year Two (2014/15)

Project Horizon

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Fairhaven	D7015	High St	Fairhaven Court	102	
Hummer Rd	D3144	Egham Bypass	High Street	320	
Bond Street	D3120	Kings Lane	St Judes Rd	500	

Years Three to Five (2015/2018)

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Windsor Road	A308	Runnymede R/A	Pleasure Ground	1100	
Church Road	D3407	Hummer Rd	Grange Rd	528	
Spring Rise	D3182	Lynwood	Limes Road	790	
Bakeham Lane	D3191	Prune Hill	London Rd	253	
Tite Hill	D3131	Middle Hill	Egham Hill	1000	Deferred from Yr 2 awaiting confirmation of planned utility works

5.Foxhill, Thorpe & Virginia Water

Year Two (2014/15)

Project Horizon

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Murray Road	B3121	Spinney Hill	Guildford Rd	1000	
Callow Hill (incl Bakeham Lane)	D3192	Bakeham Lane	International Schl	450	Brought forward from Yr 3 to Yr 2
Christchurch R/A	B389	Roundabout	Junct with Callow Hill	250	

Year Three to Five (2015/18)

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Mill House Lane/ Thorpe Rd	B388	Thorpe By-Pass	Staines Rd	1100	
Trumps Green Rd	C10	Tithe Meadows	Sandhills	1000	
Foxhills Road	D3046	Stonehill Road	Chobham Road	1000	
London Rd	A30	Christchurch Rd	Portnall Drive	650	Deferred from Yr 2 due to utility works

ITEM_10
6. Woodham & New Haw

Year Two (2014/15)

Project Horizon

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
King George's Dr	D3064	Queen Mary's Dr	Grange Rd	280	
Queen Mary's Dr	D3062	King George's Dr	Woodham Park Rd	400	
Braeside	D3072	Kings Road	Scotland Bridge Rd	185	

Years Three to Five (2015/8)

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Woodham Park Rd	D3057	Brox Lane	Woodham Lane	1300	Deferred to Yr 3 awaiting confirmation of utility works
Grange Road	D3065	Woodham Lane	Manor Drive	450	Deferred to Yr 3 awaiting confirmation of utility works

Year One Surface Treatment Update

Addlestone

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Status
Brighton Road	A318	Station Road	Crockford Park Rd	400	Completed

Chertsey

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Status
Chilsey Green Rd /Pycroft Rd	A320	Thorpe Rd	Bell Bridge Rd	660	Deferred to Yr 2 due to utility works
Laburnum Rd	D3019	Entire Length		380	Completed
Alwyns Lane	D3010	Entire Length		383	Completed
Guildford Rd/Bell Bridge Rd	A320	Pycroft Rd	M25 Bridge	800	Deferred to Yr 2 due to utility works
Guildford Rd	A320	Bittams Lane	Little Green Lane	788	Deferred to Yr 2 due to utility works

ITEM 10
Egham

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Status
Blue Ball Lane	D3184	High Street	Grange Road	91	Completed
Glebe Road / Hythe Park Road (inc Roundway)	D3153	Thorpe Lea Road	To End	700	Completed
Clandon Ave	D3164	Ashleigh Ave	Warwick Ave	140	Completed
Wavendene Ave	D3164	Thorpe Lea Rd	Ashleigh Ave	460	Completed

Englefield Green/Egham Town

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Status
Almond Close	D3118	Kingsley Ave	End	90	Completed
Vegal Crescent	D3120	Willson Road	Bond Street	74	Partially Completed, section to do in Yr 2
Rusham Rd	D3185	Station Road	Queen's Road	225	Completed
Queen's Rd	D3185	Rusham Rd	End	175	Completed
Ripley Avenue	D3190	Spring Rise	Clarence Street	240	Completed
Lynwood Ave	D3190	Ripley Avenue	End	191	Completed
Egham Hill	A30	St Davids Drive	Egham High St	1700	Deferred to Yr 2 due to utilites

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Status
Guildford Road	A320	St Peters Way	A319/ B2131	860	Deferred to Yr 2 due to utility works
Guildford Road	A320	Coach Rd	Brox Rd	780	Deferred to Yr 2 due to utility works
Chertsey Lane	A320	Timsway	Craigwell Close	820	Deferred to Yr 2 due to utility works
Stroude Road	C10	New Wickham la	Sandhills Lane	2500	Completed
Almners Rd	D3005	Lyne Lane Crossing	Hardwick Rd	1150	Completed
Trumps Green Rd	C10	Tithe Meadows	Junct with Kitsmead Lane	950	Completed

Woodham & New Haw

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Status
Howards Lane (inc Malus Drive & Close)	D3506	Row Town Road	To End	600	Completed

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