

**2013-  
2018**

**SURREY ROAD MAINTENANCE  
OPERATION HORIZON**



**INVESTING IN YOUR COMMUNITY**

**AREA: Mole Valley**

**Surrey County Council  
UPDATED 14 /2/14**

## ITEM 8 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 five year period from 2013 – 2018 and has five key objectives of:

- i. Replacing a minimum of 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 **Mole Valley** and details the specific roads that will be replaced over the five year period in your area.

## MOLE VALLEY – ROAD INVESTMENT PROGRAMME

**Mole Valley** has **532km** of road, and although there is a large concentration of urban activity in the towns of Leatherhead and Dorking, almost 50% of roads are classified as rural, with key country lanes serving villages such as Ashstead, Betchworth, Bookham, Fetcham, South Holmwood, Ockley & Westcott

Over the next five years Operation Horizon will invest a minimum of **£10m** in Mole Valley's road network. The investment will enable over **65km (12%)** of the Mole Valley road network to be replaced, significantly improving ride quality and community pride.

**The provisional programme for roads to be resurfaced in Mole Valley under 'Operation Horizon' are detailed by electoral ward, from Page Five.**

## HOW WERE THE ROADS SELECTED?

In 2012 a full engineering survey was completed for the majority of Mole Valley's road network. All surveyed roads were then prioritised and scored using condition data to determine the worst 53km of roads in Mole Valley

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 Mole Valley Committee to determine, within the funding constraints, the optimum five year programme for the Mole Valley 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 and 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 **22 roads** were identified as suitable for this treatment and there is a full update in the appendix at the back of this report.

## 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. In **Mole Valley** alone, Project Horizon has reconstructed over **22km** of the road network this financial year.

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

## ITEM 8

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 23km of the Mole Valley network has received surface treatment, which is equivalent to the distance from Dorking to Heathrow Airport.

The supporting surface treatment programme is designed to extend the life of the existing carriageway of roads not identified under Horizon, and you will find a programme update for these in the Appendix at the back of the report.

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

Operation Horizon will replace the worst 10% of roads in Mole Valley. 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](http://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 Mole Valley 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 will therefore be formally reviewed on an annual basis and this may involve bringing schemes forward in the programme or replacing schemes. Any such amendments will be evaluated scientifically, with updated programme published in March via the Mole Valley 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](http://www.surreycc.gov.uk/roads-and-transport/highways-information-online/improving-surreys-roads)

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### **KEY**

Completed

Deferred

# 1. Ashtead

## Year One (2013/14)

### Project Horizon

Town	Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Ashtead	Culverhay	D2548	Overdale	To End	485	Kerbing March, surfacing deferred to April
Ashtead	Broadhurst	D2579	Overdale	To End	650	Kerbing March, surfacing deferred to April
Ashtead	Greville Park Avenue	D6936	Park Road	To End	305	Deferred to Yr 2 for Recycling programme
Ashtead	Links Road	D2568	Woodfield Rd	To End	995	Deferred to Yr 2 for Concrete programme
Ashtead	Epsom Road	A24	Bowyers Close	Parkers Lane	890	Deferred to Yr 2 to be co-ordinated with DFT cycle scheme
Ashtead	Grays Lane	D2516	Dene Rd	Private Section	690	Completed
Ashtead	The Priors	D2584	Harriotts Lane	To End	100	Completed
Ashtead	Leatherhead Rd	A24	Knoll RB	Uplands Rd	350	Deferred to Yr 2 to be co-ordinated with DFT cycle scheme

## Year 2

Town	Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Ashtead	Culverhay	D2548	Overdale	To End	485	Deferred from Yr 1
Ashtead	Broadhurst	D2579	Overdale	To End	650	Deferred from Yr 1
Ashtead	Greville Park Avenue	D6936	Park Road	To End	305	Deferred from Yr 1 for Recycling programme
Ashtead	Links Road	D2568	Woodfield Rd	To End	995	Deferred from Yr 1 for Concrete programme
Ashtead	Epsom Road	A24	Bowyers Close	Parkers Lane	890	Deferred from Yr 1
Ashtead	Leatherhead Rd	A24	Knoll RB	Uplands Rd	350	Deferred from Yr 1

# 1. Ashtead (Cont)

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## Year Three to Five (2015/18)

Town	Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Ashtead	Oakfield Road	D2621	Entire Length		400	
Ashtead	Oakhill Rd	D2622	Green Lane	Caen Wood Lne	480	
Ashtead	Dene Rd		Park Lane	Rectory Lane	465	

## 2. Bookham & Fetcham West

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### Year One (2013/14)

#### Project Horizon

Town	Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Bookham	Dowlans Rd	D2554	Dorking Rd	Groveside	490	Completed
Bookham	West Down	D2655	Dowlans Road	To End	252	Completed
Bookham	Groveside	D2554	Guildford Rd	Dowlans Rd	460	Completed
Fetcham	Cock Lane/ Penrose Rd	D2543	The Street	Kennel Lane	640	Deferred to Yr 2 for redesign

### Year Two (2014/15)

Town	Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Bookham	Eastwick Drive	D2558	Lower Rd	Westfield Dr	483	
Bookham	Leatherhead Rd	A246	Rectory Lane	Young St r/a	2200	
Bookham	Crabtree Lane (inc Close)	D2546	Leatherhead Rd	Downs View Rd	465	
Fetcham	Cock Lane/ Penrose Rd	D2543	The Street	Kennel Lane	640	Deferred from Yr 1

### Year Three to Five (2015/18)

Town	Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Bookham	Little Bookham St	D2525	Lower Rd	Sole Farm Rd	615	
Bookham	Meadow Way/ The Copse	D2544	Eastwick Drive	The Glade	492	
Bookham	Willow Vale (1)	D2544	The Copse	To End	110	
Bookham	Willow Vale (2)	D2544	Spring Grove	To End	100	



## 2. Bookham & Fetcham West (Cont)

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### Year Three to Five (2015/18) continued

Town	Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Bookham	Mill Close	D2536	Church Rd	To end	286	
Bookham	High Street	D2536	Guildford Rd	Lower Rd	155	
Fetcham	Oswald Close	D2572	Bickney Way	To End	120	
Fetcham	Oswald Road	D2572	Warene Rd	To End	220	
Fetcham	Bushy Rd (inc Barclay Close)	D2521	The Glade	To End	200	

### 3. Leatherhead & Fetcham East

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#### Year One (2013/14)

#### Project Horizon

Town	Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Fetcham	Cobham Rd	D2508	Fetcham Common Lane	Shamrock Close	920	Deferred to Yr 2 due drainage work required in advance
L'head	Barnett Wood Lane	D2507	Kingston Road	Harriotts Lane	660	Deferred to Yr 2 due to weather impact on programme
L'head	Reigate Road	B2033	Leatherhead By-pass	Pebble Lane	625	Design changed to Surface Treatment, for Yr 2
L'head	Reigate Road	B2033	Beaverb'k R/a	Headley Rd	750	Completed
L'head	Waterway Rd	B2122	Mill Rd	Cobham Rd	267	Completed
L'head	Mill Way	B2033	Stane St path	Sth East for 321m	321	Completed
L'head	Knoll Roundabout	A24	Roundabout	All approaches	600	Deferred to Yr 2 to programme with A24
L'head	Yarm Court Rd (inc Close)	D2542	Fir Tree Rd	To End	230	Deferred to Yr 2 with Recycling Programme

#### Year Two (2014/15)

Town	Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Fetcham	Cobham Rd	D2508	Fetcham Common Lane	Shamrock Close	920	Deferred from Yr 1
L'head	Barnett Wood Lane	D2507	Kingston Road	Harriotts Lane	660	Deferred from Yr 1
L'head	Knoll Roundabout	A24	Roundabout	All approaches	600	Deferred from Yr 1

### 3. Leatherhead & Fetcham East (Cont)

#### Year Two (2014/15) continued

Town	Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
L'head	Yarm Court Rd (inc Close)	D2542	Fir Tree Rd	To End	230	Deferred frm Yr 1
Fetcham	The Ridgeway	D2513	Lower Rd	Guildford Rd	700	
L'head	Young St	A246	Guildford Rd	Givons RB	1500	
L'head	Mill Way	B2033	Stane St path	Sth East for 321m	321	Completed in Yr 1
L'head	Waterway Rd	B2122	Mill Rd	Cobham Road	567	Completed in Yr 1
L'head	Waterway Rd	B2122	Station Rd	Mill Rd	300	
L'head	Guildford Road	B2122	Cobham Rd	Hawkes Hill	480	
L'head	Station Rd & Approach	A245	Bull Hill	A245 Junction	328	

#### Years Three to Five (2015-2018)

Area	Road Name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
L'head	Cophorne/ Garlands Road	D2545	St Johns Ave	Epsom Rd	700	
L'head	Kingston Road	B2430	Plough R/A	Oxshott Rd R	900	
L'head	Minchin Close	D2612	Bridge St	To End	180	
L'head	Upper Fairfield Rd	D2600	Linden Rd	To End	230	
L'head	Linden Rd (inc Qn Anne Terr)	D2602	St Johns Ave	Leret Way	250	
L'head	Park Rise	D2629	Kingston Rd	To End	100	
Fetcham	Church Close	D2879	The Ridgeway	The Green	230	
Fetcham	Mole Road	D2566	River Lane	End	211	
Fetcham	Monks Green	D2508	Entire Length		175	

## 4. Dorking Hills

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### Year One (2013/14)

#### Project Horizon

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Hogden Lane	D269	Ranmore Common Rd	Garlic Cottages	260	Completed
Dorking Road Southbound	A24	Swanworth Lane	Givons Grove RB	1250	Deferred to co-ordinate with A24
Slough Lane/ Tumber St	D314	Church Lane	Leech Lane	879	Completed
Tanhurst Lane	D2819	Leith Hill Rd	Holmbury Rd	1612	Completed
Adlers Lane	D2800	Chapel Lane	To End	477	Programmed
Furlong Road	D2801	Guildford Rd	To End	240	Completed
Hole Hill	D272	Balchins Lane	To End	763	Completed
Hollow Lane	D282	A25	Chandlers Farm	800	Some patching done, surfacing deferred to Yr 2 with ITS scheme
Headley Road	C55	The Drive	Pebble Lane	1020	Completed
Hurst Lane	C55	Church Lane	Hurst Rd	850	Completed
Leech Lane	B2033	Nower Wood	Church Lane	1200	Completed
Mill Lane	D2846	High Street	End	176	Deferred due to design material HRA Yr 2

## 4. Dorking Hills (Cont)

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### Year Two (2014/15)

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Crabtree Lane	D2816	Westhumble Street	To end	1387	
Ansell Road	D2838	Entire Length		150	

### Year Three - Five (2015/18)

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Guildford Road	A25	Raikes Lane	Felday Rd	803	
Parkway	D2830	Whole Length		389	
The Burrell	D2860	Entire Length		120	
Broadmoor	D286	Entire Length		670	
Logmore Lane		Guildford Rd	Coldharbour Rd	2870	
Honeywood Lane	C50	Oakwoodland Lane	Ruckmans La	751	
Sheephouse Lane	D285	Guildford Rd	Damhurst Lane	750	
Abinger Road	D289	Anstie Lane	Bromehall Road	550	
Lyefield Lane	D279	Ockley Road	Lower Breache Rd	1500	

## 5. Dorking South & Holmwoods

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### Year One (2013/14)

#### Project Horizon

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Mill Road	D300	Horsham Rd	Henfold Lane	1220	Completed
Spook Hill	C251	Horsham Rd	Deepdene R/A	686	Completed

### Year Two (2014/15)

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Chart Lane / Dene St	D2813	Deepdene Ave	Marlborough Hill	750	
Marlborough Hill	D2803	Chequers Place	Dene St	220	
Beresford Road	D2806	Marlborough Hill	To End	280	
Marlborough Road	D2803	Marlborough Hill	To End	170	
South Street	A25	Pump Corner	Vincent Lane	368	Substituted from West Street as in worse condition

### Years Three to Five (2015 - 2018)

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Warwick Road	D299	Horsham Road	To End	183	
Buckingham Rd	D299	Warwick Road	To End	150	
Norfolk Road	D299	Warwick Road	To End	130	
Nower Road	D2830	Hampstead Lane	To End	319	
Cotmandene	D2834	Chart Lane North	Moore's Road	400	
Knoll Road	D2841	Flint Hill	To End	360	
South Terrace	D2832	St Paul's Rd West	To End	520	

## 5. Dorking South & Holmwoods (Cont)

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### Years Three to Five (2015 - 2018) continued

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Harrow Road East	D2832	South Terrace	Horsham Road	320	
Arundel Road	D2835	Vincent Lane	To End	90	
Howard Rd	D2835	Westcot Rd	To End	156	
Russett Drive	D2827	Entire Length		70	
Rough Rew	D2859	Entire Length		200	

# 6. Dorking Rural

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## Year One (2013/14)

### Project Horizon

Area	Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Betchworth	Pebble Hill Rd	B2032	Level Crossing	ROW 476	1095	Deferred to coordinate with Betchworth RA Yr 2
Betchworth	Old Reigate Road	D309	Kiln Lane	A25	782	Completed
Coldharbour	Anstie Lane	D297	Coldharbour Lne	1600m Sth	1600	Completed
Forest Green	Ockley Road	B227	Horsham Rd	Mill Lane	577	Completed
Leigh	Newdigate Rd	C59	Bunce Common Rd	ClayHill Road	700	Changed design to Surface Treatment Yr 2
Leigh	ClayHill Road	C59	Newdingate Rd	Shellwood Rd		Completed
Leigh	Tapners Road	C57	Bruce Common Rd	Clayhill Rd	853	Deferred to Yr 2 due to weather
Hookwood	Mill Lane	D336	Reigate Rd	Lee Street	565	Completed
Ockley	Weare Street	D293	Stane St	Payne Green	700	Part completed, limits reduced due to structures
Ockley	Coles Lane	B2126	Ockley Est	A24	720	Completed
Ockley	School Lane	D575	Entire Length		132	Completed
Ockley	Friday Street	D295	Stane Street	Private Rd	402	Completed
Newdigate	Hogspudding Lane	D302	Parkgate Rd	Church Lane	729	Completed
Newdigate	Trig Street	C53	Newdigate Rd	Kingsland		Completed
Strood Green	Roothill & Parkpale	D304	Red Lane	Bushbury Lane	1415	Completed



## 6. DORKING RURAL (Cont)

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### Year Two (2014/15)

Area	Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Betchworth	Pebble Hill Rd	B2032	Level Crossing	ROW 476	1095	Deferred from Yr 1
Betchworth	The Street	C57	Old Reigate Rd	Farm Close	1050	
Brockham	Kiln Lane	D2480	Mill Hill Lane	Old Kiln Lane	280	
Newdigate	Newdigate Rd	C53	Bear Grn RB	Trigg Street	1000	

### Year Three to Five (2015/18)

Area	Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Beare Green	Beare Green Rd	A29	Henhurst Cross Lane	Knowfield Copse	600	
Ockley	Stane Street	A29	Coles Lane	Friday Street	700	
Ockley	Stane Street	A29	Cathill Lane	Sewage Works	450	
Ockley	Ruckmans Lane	D293	Staines Street	Okewood Hill	550	
Russ Hill	Russ Hill	D323	Lowfield Heath windmill	Glovers Rd	510	
Betchworth	Middle Street	C54	Wellhouse Rd	Brockhamhurst Rd	1390	

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## **Surface Treatment Update**

### **Ashtead**

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Crampshaw Lane	D2512	Dene Road	Private Sect.	775	Completed
Parkers Lane	D2631	The Street	Rectory Lane	278	Completed
Stag Leys	D2642	Entire Length		886	Completed
Taylor Road	D2645	Barnett Wood Lane	To End	295	Deferred to Yr2 due to utilities
West Farm Ave	D2649	Barnett Wood Lane	To End	745	Completed
Read Road	D2365	Barnett Wood Lane	To End	290	Completed
Farm Lane		Pleasure Pit Rd	Park Lane	550	Completed but remedial works necessary

### **Bookham & Fetcham West**

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Dawnay Rd	D2551	Dorking Rd	Crabtree Lane	310	Completed
Fiona Close	D2536	Church Rd	End	103	Completed

## Leatherhead & Fetcham East

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Lower Rd	D265	The Ridgeway	Cobham Rd	850	Completed
Oaklawn Rd	C131	Oxshott Rd	Woodlands Rd	1300	Completed
Standon Lane	D292	Cathill Lane	Horsham Road	2300	Completed

## Dorking Hills

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Springfield Road	D2860	Westcott St	St Johns Road	370	Completed
Hart Road	D2833	Ansell Rd	To End	120	Completed
Coldharbour Lane		Vincent Lane	Abinger Road	4920	Completed
Headley Common Rd	B2033	Box Hill Rd	Tot Hill	1338	Completed

**Dorking Rural**

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Lawrence Lane	D318	Reigate Road	Railway Bridge	500	Completed
Ranmore Common Rd		Chapel Rd	Ranmore Rd	1900	Completed
Mole Street	D290	Ockley Road	Cathill Lane	2020	Completed
Rusper Road	C52	Horsham Rd	CC Boundary	2760	Deferred due to utilities
Kingsland	C53	Village St	End of houses	450	Completed

**Dorking South & Holmwoods**

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Bentsbrook Rd	D2872	Spook Hill	End	240	Completed
Ridgeway Dr	D2810	Private Section	To End	65	Completed