

2013 - 2018

SURREY ROAD MAINTENANCE OPERATION HORIZON



INVESTING IN YOUR COMMUNITY

AREA: Elmbridge

Surrey County Council

UPDATE 11/02/2014

ITEM 11 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 **Elmbridge** and details the specific roads that will be replaced over the five year period in your area.

ELMBRIDGE – ROAD INVESTMENT PROGRAMME

Elmbridge has **402 km** of road, many of which are residential streets that feed into the major arterial network, with direct links to the A3 and the M25.

Over the next five years Operation Horizon will invest a minimum of **£9m** in Elmbridge's road network. The investment will enable over **45km (11%)** of Elmbridge's road network to be replaced, significantly improving ride quality and community pride.

The provisional programme for roads to be repaired in Elmbridge under 'Operation Horizon' is detailed by town/village, from Page Five.

YEAR ONE UPDATE

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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 20km of the Elmbridge network has received surface treatment, which is equivalent to the distance from the Elmbridge Civic Centre to Windsor Castle.

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.

HOW WERE THE ROADS SELECTED?

In 2012 a full engineering survey was completed for the majority of Elmbridge's road network. All surveyed roads were then prioritised and scored using condition data to determine the worst 40km of roads in Elmbridge

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 Elmbridge Committee to determine, within the funding constraints, the optimum five year programme for the Elmbridge 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

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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.

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

Operation Horizon will replace the worst 10% of roads in Elmbridge 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 Elmbridge 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

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annual basis, to ensure it meets the latest needs of the Elmbridge 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 Elmbridge 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

Project Horizon

Year One (2013/14)

Location	Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Cobham	Stoke Rd	A245	Tilt Rd	Cobham Mill	338	Completed
Cobham	Painshill R/A	A245	R/A over A3	All Approaches	410	Deferred to April due to HRA material design

Year Two (2014/15)

Location	Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Cobham	Portsmouth Rd	A245	Painshill R/A	Between Street	650	
Cobham	Between Street	A245	Portsmouth Rd	High St	550	
Cobham	Painshill R/A	A245	R/A over A3	All Approaches	410	Deferred from Yr 1

1. Cobham (continued)

Years Three to Five (2015/2018)

Location	Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Cobham	Bookham Rd	D6877	Chasemoor Farm	Hundred Pound Br.	1020	
Cobham	Downside Bridge Rd	C42	Between Streets	Church Street	372	
Cobham	Fairacres	D6851	Fairmile Lane	End of cul de sac	364	
Cobham	Four Acres	D6858	Miles Lane	End of cul de sac	83	
Cobham	Gavell Rd	D6887	Portsmouth Rd	Wyndham Av.	182	
Cobham	Wyndham Ave	D6888	Entire Length		381	
Cobham	Vincent Road	D6868	Entire Length		200	

ITEM 11 2. East Molesey & Esher

Year One (2013/14)

Project Horizon

Town	Road Name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Esher	Lammas Lane	A244	Pelhams Walk	Esher Green	400	Completed
Esher	Littleworth Rd	D6835	Kingston Rd	Littleworth Rd	945	Deferred to Yr 2 due to drainage works
Esher	Millbourne Lane	C158	Raleigh Drive	Orchard Way	400	Deferred to Yr 2 due to utility works
Esher	West End Lane	D6890	Lammas Lane	Neville Close	650	Completed
East Molesey	Bridge Rd	B3379	Arnison Rd	Walton Rd	287	Completed
East Molesey	Hurst Lane	D6936	Dennis Rd	Vine Rd	260	Completed
East Molesey	Seymour Rd	D6916	Beauchamp Rd	Private section	259	Completed

Year Two (2014/15)

Town	Road Name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Esher	Copsem Lane	A244	A3 R/A	Esher Common	561	
Esher	Littleworth Rd	D6835	Kingston Rd	Littleworth Rd	945	Deferred from Yr 1
Esher	Millbourne Lane	C158	Raleigh Drive	Orchard Way	400	Deferred from Yr 1
Esher	Portsmouth Rd	A307	Scilly Isles R/A		310	
East Molesey	Grove Rd	D6933	Arnison Rd	To End	110	To be substituted as works done previously
East Molesey	Church Rd	D6935	Hurst Rd	Arnison Rd	300	

2. East Molesey & Esher (Cont)

Years Two (2014/15) continued

Town	Road Name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
East Molesey	Manor Road	D6934	Walton Rd	To End	220	
East Molesey	Kent Road	D3696	Walton Rd	Vine Rd	220	

Years Three to Five (2015/2018)

Town	Road Name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Esher	Elm Tree Avenue	D6908	Ember Lane	Hampton Court Way	172	
Esher	Meadow Close	D6817	Entire Length		135	
Esher	Parkwood Avenue	D6904	Woodbrook	Cranbrook Rd	297	
Esher	The Woodlands	D6903	Cranbrook Dr	Grove Way	480	
East Molesey	Orchard Lane	D6912	Esher Lane	To End	277	
East Molesey	Palace Road	D6935	Church Rd	Bridge Rd	778	
East Molesey	Wolsey Road	D6933	Entire Length		600	

ITEM 11 3. Hersham

Year One (2013/14)

Project Horizon

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Hersham Road	D3848	Albany Road	Molesey Rd	287	Completed
Burwood Road	C152	Vaux Crescent	Queens Road R/A	849	Completed
Cowley Crescent	D3852	Entire Length		234	Deferred
Painshill R/A	A245	R/A over A3	All Approaches	410	Deferred to April due to HRA material design

Year Two (2014/15)

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	
Primrose Road	D3850	Entire Length		189	
Green Lane	D3895	Burwood Road	Queens Road	486	
Seven Hills Road	B378	Seven Hills RB (all approaches)	Chestnut Ave	300	May bring forward to end of Yr 1 if possible

Year Three – Five (2015/18)

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Arch Road	D3916	Entire Length		185	
Marlborough Close	D3915	Entire Length		110	
Burhill Road	D3904	Burwood Road	Turners Lane	1555	May move to Yr 2 if programme allows
Charlton Avenue	D3894	Queens Rd	Woodside Av	233	
Devon Road	D3848	Hersham Road	To End	85	
Queensway North	D3849	Thistlecroft Rd	To End	340	
Byfleet Rd	A245	Seven Hill Rd (in junction)	Painshill R/A	700	

4. Hinchley Wood, Claygate & Oxshott ^{ITEM 11}

Year One (2013/14)

Project Horizon

Town	Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Claygate	The Avenue	D6829	Hare Lane	Oaken Lane	300	Programmed for Yr 1
Claygate	Aston Road (inc Norfolk Rd)	D6829	Hare Lane	Cavendish Dr	200	Programmed for Yr 1
Claygate	Torrington Road/ Meadow Road	D6828	Meadow Rd	To End	120	Completed
Claygate	Common Road	D6838	St. Leonards Rd	Causeway	530	Completed
Claygate	Simmil Road	D6829	Aston Road	To End	170	Programmed for Yr 1

Year Two (2014/15)

Town	Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Claygate	Foley Road	D6845	Hare Lane	Causeway	900	
Claygate	Coverts Road	D6847	Foley Road	Holroyd Road	570	
Claygate	Gordon Road	D6844	Albany Crescent	Claremont Rd	350	

Year Three – Five (2015/18)

Town	Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Claygate	Elm Road	D6827	St Leonards Rd	To End	150	
Claygate	Rythe Road	D6831	Raleigh Drv	To End	250	
Oxshott	Fairoak Lane	B280	CC Boundary	Warren Lane	1500	May be deferred to Yr 3 due to utilities
Oxshott	Oakshade Road	D6862	High Street	Steels Lane	480	

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5. The Dittons

Year One (2013/14)

Project Horizon

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Ditton Hill Rd	C162	Wentworth Close	Cumbræ Gardens	300	Deferred to Yr 2 with concrete programme
Kings Rd	D6804	Ditton Hill Rd	To End	372	Completed
Church Lane	D6957	Ashley Road	To End	132	Programmed
Longmead Rd	D6850	Weston Green Rd	To End	406	Completed

Year Two (2014/15)

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Sharon Close	D6802	St Mary's Rd	To End	117	
Queens Drive	D6961	Entire Length		320	
High Street	C160	Basing Way	Summer Road	400	

Year Three – Five (2015/18)

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Effingham Road	C161	Entire Length		414	
Church Road	D6804	Rectory Lane	Ditton Hill Rd	220	
St Mary's Road	D6802	Entire Length		765	
Woodfield Road	D6815	Entire Length		307	
Windmill Lane	D6800	Savery Drive	Fleece Road	400	
Lovelace Road	D6801	Beechwood Close	St Marys Road	220	

5. The Dittons (continued)

Years Three – Five (2015/18) continued

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Parkwood Avenue	D6904	The Drive	The Woodlands	305	
Aragon Avenue	D6955	Summer Road	End	200	
Rushett Road	D6813	Entire Length			

Year One (2013/14)

Project Horizon

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Annett Road	D3803	Terrace Rd	To End	251	Completed
Weir Rd	D3801	Sunbury Lane	To End	150	Deferred to Yr 2 concrete programme
Russell Road	D3802	Terrace Rd	To End	214	Programmed

Year Two (2014/15)

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Harvey Road	D3806	Dale Road	Mayo Road	110	
Sandy Way	D3862	New Zealand Ave.	To End	330	
Manor Road	D3805	Terrace Rd	To End	685	

Years Three to Five (2015/18)

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Cottimore Lane	D3814	Regency Gardens	Terrace Road	950	
Ambleside Ave	D3814	Cottimore Lane	Swansmere Close	150	
Stuart Ave	D3814	Cottimore Lane	End	250	
Terrace Rd	A3050	Annett Road	Cambridge Rd	400	
Rydens Road	D3830	Molesey Road	Holly Ave	400	

7. Walton South & Oatlands

Year One (2013/14)

Project Horizon

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Rydens Avenue	D5350	Rydens Road	Sidney Rd	642	Completed
Station Avenue	C155	Copenhagen Way	Ashley Road	700	Programmed
Ashley Road	B365	Station Avenue	Oatlands Chase	200	Programmed

Year Two (2014/15)

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Crutchfield Lane	D3823	Entire Length		220	
Oatlands Chase	D3865	Oatlands Drive	Ashley Road	960	
New Zealand Ave	A244	Walton Bridge	Ashley park Ave	700	

Year Three – Five (2015/18)

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Beech Rd	D3870	St Marys Rd	To End	64	
Ronneby Close	D3865	Oatlands Chase	To End	203	
Hersham Rd	A244	Station Avenue	Stompond Lane	700	
Ashley Park Rd	D3858	Station Avenue	Ashley Rd	700	
Ashley Road	B365	Station Avenue	Stompond Lane	750	
Queens Road	A317	Ashley Road	Queens RB	700	

8. West Molesey

Project Horizon

Year One (2013/14)

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
First Avenue	D6930	Walton Road	Molesey Ave	272	Deferred to Yr 2 concrete programme
Molesey Avenue	D6927	First Avenue	Chalford Close	277	Deferred to Yr 2 concrete programme
Langton Rd	D6919	Entire Length		205	Completed

Year Two (2014/15)

Project Horizon

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
First Avenue	D6930	Walton Road	Molesey Ave	272	Deferred from Yr 1
Molesey Avenue	D6927	First Avenue	Chalford Close	277	Deferred from Yr 1
Molesey Road	C153	Molesey Ave	Pool Rd	547	
Island Farm Rd	D6925	Central Ave	Ray Rd	734	
Pool Rd	D6925	Island Farm Rd	Monks Avenue	400	

Year Three – Five (2015/18)

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Boleyn Dr, The Crescent, Berkley Dr.	D6947	Entire Length		485	
Buckingham Ave (inc Gdns	D6952	Hurst Rd	To End	600	

9. Weybridge

Project Horizon

Year One (2013/14)

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Byfleet Road	A245	Seven Hills Rd	Brooklands	1900	
Queens Road	A317	Nth Common Rd	Haines Court	800	
Heath Road	B374	Old Heath Rd	Church Lane	875	
Brooklands Rd	B374	Wellington Way	Byfleet Rd	900	

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Portmore Park Rd	D3877	Thames Street	Radnor Rd	230	Completed
Jessamy Road	D3876	Thames St	To End	300	Programmed

Year Two (2014/15)

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Cavendish Road	D3908	St. Georges Hill	ST. Georges Ave.	466	
Old Heath Road	D3887	Heath Road	Caenwood Close	130	
Gower Rd / Eggerton Rd	D3905	St George Ave	Ellsmere Rd	1355	

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9. Weybridge (Cont)

Years Three to Five (2015/18)

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Campbell Rd	D3912	Longsdale Rd	To End	190	
Curzon Rd	D3885	Heath Road	Curzon Close	100	
Dorchester Rd	D3778	Mount Pleasant	Thames Street	235	
Glencoe Road	D3877	Entire Length		110	
Greenlands Rd	D3920	Grotto Rd	To End	428	
Meadows Leigh Cl	D3920	Grotto Rd	To End	119	
Mulberry Cl	D3919	Monument Rd	To End	141	
Radnor Rd	D3877	Portmore Park Rd	To End	154	
St Georges Av	B372	Eggerton Rd	Queens Rd	1020	May be able to move to Yr 2 if programme allows
The Crescent	D3879	Oakdale Rd	To End	105	
The Paddocks	D3865	Oatlands Chase	To End	410	

Appendix 1

Year One Surface Treatment Update

Cobham

Location	Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Cobham	Ockham Lane	D6874	Plough Rd	Ockham Road	3700	Completed
Cobham	Woodlands Rd	A245	Borough Bndry	Woodlands Ct Farm	600	Completed

East Molesey

Town	Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Esher	Claremont Lane	A244	High St	A3 Roundabout	2000	Completed
Esher	Lower Green Rd	D6899	Station Road	More Lane	1100	Completed
Esher	Portsmouth Rd	A307	Elvedon Rd	West End Lane	2500	Completed
East Molesey	Hurst Road	A3050	Hurst Lane	Hampton Court Way	1100	Completed
East Molesey	Hurst Road	A3050	Walton Road	Weston Avenue	1500	Completed
East Molesey	Bedster Gardens	D6953	Saddlers Ride	Buckingham Ave	250	Completed

Hersham

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Burwood Road	C152	Vaux Crescent	Seven Hill Road RB	1500	Completed
Burlea Close	D3895	Green Lane	To End	150	Completed
Westcar Lane	C156	Entire Length		515	Completed

Hinchley Wood, Claygate & Oxshott

Town	Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Claygate	Stevens Lane	D6837	Red Lane	Common Lane	700	Completed
Claygate	Derwent Close	D6827	Paken Lane	To End	165	Completed
Claygate	Littleworth Road	D6835	Hare Lane	Oaken Lane	670	Completed
Hinchley Wood	Severn Drive	D6816	Claygate Lane	To End	305	Completed
Hinchley Wood	Hill Rise	D6816	Severn Drive	To End	160	Completed
Hinchley Wood	Hillcrest Gardens	D6820	Kingston Rd	To End	500	Deferred due to footway scheme
Hinchley Wood	Hinchley Drive	D6820	Hillcrest Gds	To End	230	Deferred due to footway scheme
Oxshott	Warren Lane	A244	Goldrings Rd	Steels Lane	430	

Walton

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)
Braycourt Avenue	D3819	Cottimore Lane	To End	220
Molesey Road	C153	Field common Lane	Industrial estate	230

The Dittons

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Church Meadow	D6807	Ditton Hill Rd	To End	500	Completed
Wentworth Close	D6806	Ditton Hill Rd	To End	200	
Riversdale Road	D6956	Summer Road	To End	180	Completed
Fleece Road	D6813	Ewell Road	St Mary's Road	480	Completed
Portsmouth Rd	A307	Brunswick Close	Ditton Reach	1300	Deferred due to utilities

Walton South & Oatlands

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Hersham Road	A244	Station Avenue	Hersham Road (D3848)	300	Alternative treatment to be decided

West Molesey

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Hurst Road	A3050	Western Ave	Walton Road		Completed

Weybridge

Road name	Road ref	Limits (start)	Limits (end)	Length (metres)	Comments
Grotto Road	D3920	Thames street	To End	450	completed
Brooklands Rd	B374	Wellington Way	Byfleet Road	900	Alternative treatment to be decided
Waverley Road	D3886	Heath Rd	To End	180	

