



<p>COUNCILLOR STUART WHITTINGHAM</p> <p>CABINET MEMBER FOR HIGHWAYS & TRANSPORT</p>	<p>CABINET MEMBER REPORT</p> <p>26 APRIL 2019</p> <p>HIGHWAY STRUCTURAL MAINTENANCE PROGRAMME 2019/20 – LOCAL (UNCLASSIFIED) ROADS PROGRAMME</p>
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REPORT SUMMARY

At the Cabinet meeting on 25th March 2019 (Minute 71 refers), Members approved an overall allocation of £2,540,000 to be spent on the maintenance of Local (Unclassified) Roads and Footways.

This report now seeks approval for the detailed programme of Hot Rolled Asphalt, Dense Bitumen Macadam and Surface Treatment schemes to be funded from this allocation to a value of £1,900,000.

A further report covering the remainder of the allocation (£640,000) including the detailed programme for Footway Maintenance schemes will follow during summer 2019.

This programme will support the delivery of the Connecting Wirral Transport Strategy and the Wirral Plan Pledge to provide transport and technology infrastructure fit for the future, to ensure that Wirral has a safe, affordable, well-maintained and efficient transport network for residents to access community services, enjoy our leisure facilities and commute to work.

The maintenance of highways is a statutory duty for the Council under the Highways Act 1980 (as amended).

This is a Key Decision on the Council's Forward Plan and affects all Wards.

RECOMMENDATION/S

That the Cabinet Member be requested to approve the detailed programme of Hot Rolled Asphalt, Dense Bitumen Macadam and Surface Treatment schemes for the maintenance of Local (Unclassified) Roads up to a value of £1,900,000 at locations as outlined in Appendices 1 and 2 of this report.

SUPPORTING INFORMATION

1.0 REASON/S FOR RECOMMENDATION/S

This investment in the maintenance of the highway network enables the Council to comply with its statutory duty to maintain the highway.

2.0 OTHER OPTIONS CONSIDERED

None. The programme is based on meeting the highest priority needs within the funding available against condition and assessment criteria.

3.0 BACKGROUND INFORMATION

- 3.1 At the Cabinet meeting on 25th March 2019 (Minute 71 refers), Members approved an overall allocation of £2,540,000 to be spent on the maintenance of Local (Unclassified) Roads and Footways.
- 3.2 This report now seeks approval for the detailed programme of Hot Rolled Asphalt, Dense Bitumen Macadam and Surface Treatment schemes to be funded from this allocation to a value of £1,900,000.
- 3.3 An overview of these treatments is as follows:

3.3.1 Hot Rolled Asphalt

Material:

- Hot Rolled Asphalt (HRA) is a dense mixture of mineral aggregate; sand filler and bitumen.
- The sand filler reduces voids on compaction, the bitumen provides strength.
- The bitumen binder is a mixture of petroleum and polymer modified produced to a high technical specification.
- A hard stone pre-coated aggregate stone (chipping) is applied to provide skid resistance.

Application:

- The material is usually laid by machine and is very hot between 120 to 180°C on a bitumen Bond Coat.
- The material is laid with a stone chipping following immediately after and rolled compacted.

Process:

- The original road surface is removed by milling (planing) to a depth of 50mm. Any damaged iron work is replaced or adjusted.
- The Bond coat is applied.
- The material is applied by a machine commonly known as a Barber Green.

- The chippings are applied by the use of a calibrated spreader to provide the correct rate of spread.
- The material is then compacted with two 10 tonne dead weight rollers.

Use:

- The material is highly durable, provides high strength and is used on all main and commercial routes and has a design life of 10 to 20 years depending on location.

3.3.2 Dense Bitumen Macadam

Material:

- This product is a mixture of aggregates of various sizes (grading) all measured from a coarse 20mm to a fine 3mm aggregate size.

Application:

- This is mixed with a hot bitumen which binds the material together and prevents water ingress.
- Depending on the material design (based on the use of the road) will depend the size of the aggregate used and the strength of the bitumen, this is known as its penetration which also shows in the viscosity (the measure of how flowable the bitumen is).
- The material obtains most of its strength from the interlocking action of the aggregates.

Process:

- The process of laying the material is the same as Hot Rolled Asphalt, except the depth will usually be 30 to 40 mm.

Use:

- As a surface material to restore the profile on local roads, but due to its limited strength is not suitable for commercial routes.
- The design life can vary due to the location and use of the road, but it usually ranges from 8 to 16 years, but given the issues with planning can prove very expensive as additional material is usually needed.

3.3.3 Surface Treatments

The programme includes two types as follows:

Micro Asphalt

- This surface treatment is a cold applied polymer modified binder bituminous material which overlays an existing surface which can fill in ruts, treats cracks, seals porous surfaces and can restore minor to moderate loss of carriageway profile.
- The material has a fast machine application, trafficking possible within 5 to 20 minutes, depending on ambient temperature. The material is suitable for a variety of surfaces and most classes of road.
- The Micro asphalt provides a pleasing finish, no ravelling or bleeding. Requires no rolling action as traffic use consolidates surface.

- The material has a design life of 10 years and has been used on Wirral since the late eighties with very low site problems and depending on road use can achieve double its design life.
- As this product does not remove the existing surface it can by the overlay provide some strength and has the ability to restore a certain amount of profile making it a very cost effective treatment and has environment advantages because there is no waste, makes this the material of choice for most of our unclassified roads.

Surface Dressing

Material:

- A hot bitumen binder of various strengths depending on the location and existing road surface material.
- A dry washed chipping aggregate hard stone of various sizes from 6mm to 10mm or a combination is used depending on location and use of the road.

Process:

- Surface dressing involves spraying the bitumen binder (a sticky tar like substance) on a dry, clear road surface over which the stone is spread.
- The surface is rolled with a light roller to embed the stones; some loose stones will remain.
- Vehicle action is used to fully embed the stone and the surface is swept about a week after being laid.
- The material requires warm dry weather and for this reason work is carried out between May and August.

Use:

- This material has been in use for over 90 years and is the most widely used material to extend the life of a carriageway.
- Given the various design features it can be used on any road however the chipping loss has seen its use limited and high stressed areas (junctions) can reduce its life.
- The process provides a waterproof surface, improved anti-skid and extends the life of a surface by 10 to 20 years depending on location.

The programme of Hot Rolled Asphalt and Dense Bitumen Macadam locations is **set out in Appendix 1**.

The programme of Surface Treatment locations is **set out in Appendix 2**.

A further report covering the remainder of the allocation (£640,000) including the detailed programme for Footway Maintenance schemes will follow during summer 2019.

4.0 FINANCIAL IMPLICATIONS

The financial resources for this programme come from a combination of the Liverpool City Region Combined Authority, the Department for Transport and the Council's own Capital Programme as outlined in the previous report to Cabinet of 25th March 2019.

5.0 LEGAL IMPLICATIONS

Section 41 of the Highways Act 1980 imposes a duty on the Council, as Highway Authority, to maintain highways at the public expense.

6.0 RESOURCE IMPLICATIONS: ICT, STAFFING AND ASSETS

Existing staff resources will be used for the detailed investigation, design and monitoring of these schemes. Maintenance activity will be carried out through the Highways Service or discrete contracts as appropriate.

Preventative maintenance to highway assets will increase their residual life and asset value, and spending is targeted to maintain carriageway condition indicators.

7.0 RELEVANT RISKS

The highway network is constantly deteriorating hence without a structural maintenance programme to address the highest priority locations, the network will deteriorate further, the asset value will decrease and the cost of carrying out much greater maintenance at a later date will be disproportionately higher.

Withdrawal of funding would lead to deterioration of the network which would have an adverse effect on the number of substantiated claims received by the authority for slips, trips and falls together with road traffic accidents.

8.0 ENGAGEMENT/CONSULTATION

Local Ward Councillors have had the opportunity to suggest locations for inclusion in this Programme.

9.0 EQUALITY IMPLICATIONS

Has the potential impact of your proposal(s) been reviewed with regard to equality?

(a) Yes and impact review is attached –
<https://www.wirral.gov.uk/communities-and-neighbourhoods/equality-impact-assessments/equality-impact-assessments-2017>

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APPENDICES

Appendix 1 – HRA and DBM Programme
Appendix 2 – Surface Treatment Programme

BACKGROUND PAPERS

United Kingdom Pavement Management Systems (UKPMS) Survey Condition Data held by the report author

Single Data List Items (Former National Indicators N.I.168, N.I.169 and former BVPI 224b.) held by the report author.

DfT Guidance on the benefits of highway maintenance:

<https://www.gov.uk/government/publications/local-highways-maintenance-economic-costs-and-benefits-tool>

http://liverpoolcityregion-ca.gov.uk/uploadedfiles/meetings/LCRCA_Agenda_020218

SUBJECT HISTORY (last 3 years)

Council Meeting	Date
Cabinet – Highway Structural Maintenance Programme 2019/20	25 March 2019

ROAD NAME	LIMITS	WARD	OTHER PRIORITIES	ESTIMATE	FUNDING	WORKS DESCRIPTION	Proposed Year	Classification	Area	Rate	CONSTITUENCY	KRN
GREENWAY ROAD	DIAL ROAD TO MALLORY ROAD	PRENTON / BIRKENHEAD & TRANMERE	C	£78,981	COMBINED AUTHORITY ALLOCATION	HOT ROLLED ASPHALT	2019/20	UNCLASSIFIED	3761	£21.00	BIRKENHEAD	NO
PARK ROAD WEST	ROUNDABOUT ASHVILLE ROAD / MANOR HILL	CLAUGHTON		£34,776	COMBINED AUTHORITY ALLOCATION	HOT ROLLED ASPHALT	2019/20	UNCLASSIFIED	1656	£21.00	BIRKENHEAD	NO
BROMBOROUGH ROAD	QUARRY ROAD TO BROMBOROUGH SALES	CLATTERBRIDGE / BROMBOROUGH	C	£26,460	COMBINED AUTHORITY ALLOCATION	HOT ROLLED ASPHALT	2019/20	UNCLASSIFIED	1260	£21.00	WIRRAL SOUTH	NO
MARKET STREET / HAMILTON STREET	CHESTER STREET TO HAMILTON STREET	BIRKENHEAD & TRANMERE	C	£66,528	COMBINED AUTHORITY ALLOCATION	HOT ROLLED ASPHALT	2019/20	UNCLASSIFIED	3,168	£21.00	BIRKENHEAD	NO
STATION ROAD	THE QUADRANT TO CARR LANE	HOYLAKE & MEOLS		£65,100	COMBINED AUTHORITY ALLOCATION	HOT ROLLED ASPHALT	2019/20	UNCLASSIFIED	3,100	£21.00	WIRRAL WEST	NO
VICTORIA ROAD	ROWSON STREET TO BELMONT ROAD	NEW BRIGHTON	C	£58,800	COMBINED AUTHORITY ALLOCATION	HOT ROLLED ASPHALT	2019/20	UNCLASSIFIED	2,800	£21.00	WALLASEY	NO
VICTORIA ROAD	PORTLAND STREET TO ROWSON STREET	NEW BRIGHTON	C	£84,000	COMBINED AUTHORITY ALLOCATION	HOT ROLLED ASPHALT	2019/20	UNCLASSIFIED	4,000	£21.00	WALLASEY	NO
POULTON HALL ROAD	ALL	CLATTERBRIDGE	C	£35,920	COMBINED AUTHORITY ALLOCATION	DBM	2019/20	UNCLASSIFIED	3592	£10.00	WIRRAL SOUTH	YES

ROAD NAME	LIMITS	WARD	ESTIMATE	WORKS DESCRIPTION	CLASSIFICATION	CONSTITUENCY
ALDER ROAD	JCT HEATHER ROAD TO CEDAR AVENUE	BEBINGTON	£4,402.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL SOUTH
BRAMLEY AVENUE		BEBINGTON	£7,781.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL SOUTH
KINGS CLOSE	MOUNT ROAD TO MOUNT PARK	BEBINGTON	£1,457.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL SOUTH
PULFORD ROAD	JCT HIGHER BEBINGTON ROAD TO HEATH ROAD	BEBINGTON	£8,184.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL SOUTH
STANTON ROAD	PARK AREA	BEBINGTON	£12,400.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL SOUTH
THE RIDGEWAY	JCT REGENTS WAY	BEBINGTON	£2,170.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL SOUTH
TUDORVILLE ROAD		BEBINGTON	£11,098.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL SOUTH
CASTLE STREET		BIRKENHEAD & TRANMERE	£3,689.00	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
HARLAND ROAD		BIRKENHEAD & TRANMERE	£5,022.00	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
HORNBY STREET		BIRKENHEAD & TRANMERE	£2,759.00	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
LIVERSIDGE STREET		BIRKENHEAD & TRANMERE	£5,332.00	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
MAYBANK STREET		BIRKENHEAD & TRANMERE	£8,680.00	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
REDMOND STREET		BIRKENHEAD & TRANMERE	£1,178.00	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
VICTORIA ROAD		BIRKENHEAD & TRANMERE	£1,922.00	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
WATER STREET		BIRKENHEAD & TRANMERE	£4,402.00	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD

ROAD NAME	LIMITS	WARD	ESTIMATE	WORKS DESCRIPTION	CLASSIFICATION	CONSTITUENCY
WHITEFIELD STREET	BIRKENHEAD & TRANMERE	BROMBOROUGH	£5,363.00	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
ACRE LANE	MAINWARING ROAD TO ALLPORT LANE	BROMBOROUGH	£7,440.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL SOUTH
BEECHWOOD ROAD	ACRE LANE TO THE RAKE	BROMBOROUGH	£15,190.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL SOUTH
MILL ROAD	ALL	BROMBOROUGH	£10,329.20	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL SOUTH
OTELEY AVENUE	ALL	BROMBOROUGH	£14,756.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL SOUTH
PALANTINE ROAD		BROMBOROUGH	£17,081.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL SOUTH
QUARRY ROAD EAST	SELECTED AREAS	BROMBOROUGH	£17,012.80	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL SOUTH
UPLANDS ROAD		BROMBOROUGH	£7,378.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL SOUTH
DIBBINS HEY	ALL	CLATTERBRIDGE	£48,558.40	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL SOUTH
KENT CLOSE		CLATTERBRIDGE	£4,030.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL SOUTH
LINKS CLOSE		CLATTERBRIDGE	£3,069.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL SOUTH
ASHVILLE ROAD	ALL	CLAUGHTON	£50,133.20	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
CAVENDISH ROAD	ALL	CLAUGHTON	£21,625.60	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
EASTVIEW CLOSE	ALL	CLAUGHTON	£6,572.00	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
FRANCIS AVENUE	ALL	CLAUGHTON	£3,596.00	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD

UNCLASSIFIED ROADS

ROAD NAME	LIMITS	WARD	ESTIMATE	WORKS DESCRIPTION	CLASSIFICATION	CONSTITUENCY
HAWARDEN AVENUE	ALL	CLAUGHTON	£3,658.00	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
HELTON CLOSE	ALL	CLAUGHTON	£6,727.00	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
MOORFIELDS AVENUE	ALL	CLAUGHTON	£7,192.00	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
PAGEWOOD CLOSE	ALL	CLAUGHTON	£5,301.00	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
FERRY ROAD	NEAR CAR PARKS	EASTHAM	£6,200.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL SOUTH
LOWFIELDS AVENUE	FULL LENGTH	EASTHAM	£19,034.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL SOUTH
CORTSWAY	BROADWAY TO GREASBY ROAD	GREASBY, FRANKBY & IRBY	£14,452.20	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL WEST
LYNWOOD DRIVE		GREASBY, FRANKBY & IRBY	£2,821.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL WEST
SANDY LANE		GREASBY, FRANKBY & IRBY	£14,570.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL WEST
BARCOMBE ROAD	JCT BROOKLET ROAD TO NORTHWAY	HESWALL	£10,726.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL SOUTH
BUSH WAY	ALL	HESWALL	£3,255.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL SOUTH
CIRCULAR DRIVE	ALL	HESWALL	£5,890.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL SOUTH
GAYTON PARKWAY	BOATHOUSE LANE TO OAKSWAY	HESWALL	£17,422.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL SOUTH
GROVE AVENUE		HESWALL	£4,495.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL SOUTH
LAUREL AVENUE		HESWALL	£2,914.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL SOUTH

ROAD NAME	LIMITS	WARD	ESTIMATE	WORKS DESCRIPTION	CLASSIFICATION	CONSTITUENCY
MAY ROAD	ALL	HESWALL	£6,820.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL SOUTH
PIPER'S LANE	SANDFIELD PARK TO END	HESWALL	£15,934.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL SOUTH
THE LYDIATE		HESWALL	£4,842.20	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL SOUTH
WELL LANE	TOP SECTION FROM TELEGRAPH ROAD RAB TO DAWSTONE ROAD	HESWALL	£9,448.80	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL SOUTH
ACACIA GROVE	ALL	HOYLAKE & MEOLS	£3,348.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL WEST
BENNETS LANE	ALL ADOPTED AREA	HOYLAKE & MEOLS	£13,888.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL WEST
DOVEPOINT ROAD		HOYLAKE & MEOLS	£20,522.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL WEST
BLACKHEATH DRIVE		LEASOWE & MORETON EAST	£7,471.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
WAKEFIELD DRIVE	LEASOWE ROAD TO BLACKHEATH DRIVE	LEASOWE & MORETON EAST	£12,245.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
ARNOLD STREET		LISCARD	£930.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
BISLEY STREET		LISCARD	£1,953.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
CECIL ROAD		LISCARD	£2,511.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
EGERTON GROVE		LISCARD	£3,596.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
FAIRVIEW AVENUE		LISCARD	£3,968.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY

UNCLASSIFIED ROADS

ROAD NAME	LIMITS	WARD	ESTIMATE	WORKS DESCRIPTION	CLASSIFICATION	CONSTITUENCY
LYMINGTON ROAD		LISCARD	£10,013.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
LYNWOOD AVENUE		LISCARD	£4,712.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
RICE LANE	FROM KING STREET TO END	LISCARD	£9,176.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
SEAVIEW AVENUE		LISCARD	£7,781.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
WESTMINSTER ROAD	ALL	LISCARD	£5,195.60	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
WIMBLEDON STREET		LISCARD	£3,627.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
COBHAM ROAD		MORETON WEST & SAUGHALL MASSIE	£21,650.40	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
GARDEN HEY ROAD		MORETON WEST & SAUGHALL MASSIE	£26,939.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
SAUGHALL MASSIE ROAD SERVICE ROAD	188-202B PLUS OPPOSITE SIDE	MORETON WEST & SAUGHALL MASSIE	£6,200.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
SYCAMORE AVENUE		MORETON WEST & SAUGHALL MASSIE	£12,617.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
WINSTON GROVE		MORETON WEST & SAUGHALL MASSIE	£4,185.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
CAITHNESS DRIVE		NEW BRIGHTON	£9,486.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
ELGIN DRIVE		NEW BRIGHTON	£9,734.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
GROSVENOR ROAD		NEW BRIGHTON	£9,027.20	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
LINCOLN DRIVE		NEW BRIGHTON	£14,880.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY

UNCLASSIFIED ROADS

ROAD NAME	LIMITS	WARD	ESTIMATE	WORKS DESCRIPTION	CLASSIFICATION	CONSTITUENCY
SEYMOUR PLACE WEST		NEW BRIGHTON	£2,480.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
SEYMOUR STREET		NEW BRIGHTON	£2,356.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
ARNO ROAD	ADOPTED HALF	OXTON	£4,960.00	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
DEVONSHIRE ROAD	PALM GROVE TO SLATEY ROAD	OXTON	£9,262.80	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
ROSEmount		OXTON	£20,137.60	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
SHREWSBURY ROAD	BERESFORD ROAD TO TOLLEMACHE ROAD	OXTON	£34,806.80	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
WEFORD ROAD	BEND BY BUDWORTH ROAD	OXTON	£3,100.00	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
WILLAN STREET		OXTON	£3,596.00	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
AXHOLME ROAD	PENSBY, THINGWALL & IRBY		£8,122.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL WEST
BEECH AVENUE	PENSBY, THINGWALL & IRBY		£1,798.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL WEST
BRIAN AVENUE	PENSBY, THINGWALL & IRBY		£2,232.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL WEST
OLD MEADOW ROAD	PENSBY, THINGWALL & IRBY		£4,991.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL WEST
OLD WOOD ROAD	PENSBY, THINGWALL & IRBY		£17,112.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL WEST
ELM ROAD	PRENTON		£6,231.00	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
IRVINE ROAD	PRENTON		£7,843.00	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD

ROAD NAME	LIMITS	WARD	ESTIMATE	WORKS DESCRIPTION	CLASSIFICATION	CONSTITUENCY
PRENTON DELL ROAD	SELECTED AREAS	PRENTON	£20,001.20	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
PRENTON PARK ROAD		PRENTON	£8,308.00	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
PRENTON VILLAGE ROAD	FROM PRENTON DELL RD TO PRENTON HALL RD O/S HOUSES 2 – 10	PRENTON	£5,815.60	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
STANLEY AVENUE		PRENTON	£26,505.00	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
WATERPARK ROAD / STORETON ROAD	JUNCTION OF WATERPARK ROAD	PRENTON	£620.00	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
BEDFORD PLACE		ROCK FERRY	£6,138.00	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
GROVE ROAD	SELECTED AREAS	ROCK FERRY	£10,850.00	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
HELMINGHAM GROVE		ROCK FERRY	£3,379.00	MICROASPHALT TREATMENT	UNCLASSIFIED	BIRKENHEAD
ADDINGTON STREET		SEACOMBE	£2,046.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
BRIDLE AVENUE		SEACOMBE	£1,612.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
CLAYTON LANE		SEACOMBE	£3,286.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
GENEVA ROAD		SEACOMBE	£5,828.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
ILCHESTER ROAD		SEACOMBE	£4,464.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
OAKDALE ROAD	ASHVILLE TO WHEATLAND	SEACOMBE	£13,702.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY

UNCLASSIFIED ROADS

ROAD NAME	LIMITS	WARD	ESTIMATE	WORKS DESCRIPTION	CLASSIFICATION	CONSTITUENCY
PERCY ROAD		SEACOMBE	£7,223.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
RANKIN STREET		SEACOMBE	£4,929.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
ROKER AVENUE		SEACOMBE	£1,953.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
SHERLOCK LANE	BOTH SIDES OF TUNNEL	SEACOMBE	£7,409.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
ACKERS ROAD	RAB TO JCT WOODCHURCH ROAD	UPTON	£12,238.80	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL WEST
CHILDWALL GREEN		UPTON	£15,066.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL WEST
HOME FARM ROAD	SELECTED AREAS	UPTON	£20,001.20	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL WEST
MEADWAY		UPTON	£12,741.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL WEST
NEW HEY ROAD	SELECTED AREAS	UPTON	£20,001.20	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL WEST
ROYDEN ROAD		UPTON	£26,387.20	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL WEST
UPLAND ROAD		UPTON	£16,864.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL WEST
WARWICK ROAD		UPTON	£16,702.80	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL WEST
BOWDEN ROAD		WALLASEY	£3,441.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
FARNDON AVENUE		WALLASEY	£1,984.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
HALTON ROAD		WALLASEY	£3,100.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY

ROAD NAME	LIMITS	WARD	ESTIMATE	WORKS DESCRIPTION	CLASSIFICATION	CONSTITUENCY
KNOWSLEY ROAD		WALLASEY	£4,898.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
MAYFIELD ROAD		WALLASEY	£5,983.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
MERE LANE		WALLASEY	£2,046.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
PARKWAY		WALLASEY	£2,170.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
STUDLEY ROAD		WALLASEY	£7,688.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
THE AUBYNES		WALLASEY	£1,798.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
THE LEAS		WALLASEY	£2,480.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
THE WILLOWS		WALLASEY	£3,038.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WALLASEY
BROXTON AVENUE		WEST KIRBY	£7,161.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL WEST
CHINA FARM LANE		WEST KIRBY	£17,670.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL WEST
GRANGE CROSS LANE		WEST KIRBY	£19,406.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL WEST
HILLSIDE ROAD		WEST KIRBY	£32,054.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL WEST
MADELEY DRIVE		WEST KIRBY	£5,673.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL WEST
ST BRIDGETS LANE		WEST KIRBY	£2,635.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL WEST
TANSLEY CLOSE		WEST KIRBY	£2,325.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL WEST

ROAD NAME	LIMITS	WARD	ESTIMATE	WORKS DESCRIPTION	CLASSIFICATION	CONSTITUENCY
THE KIRKLANDS		WEST KIRBY	£2,666.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL WEST
THE OATLANDS		WEST KIRBY	£2,666.00	MICROASPHALT TREATMENT	UNCLASSIFIED	WIRRAL WEST