

**Manchester City Council
Report for Resolution**

Report to: Neighbourhoods and Environment Scrutiny Committee – 23 May 2018
Executive – 30 May 2018

Subject: Highways Planned Maintenance Programme 2018/19 & 2019/20

Report of: Strategic Director Transport, Highways and Engineering

Summary

This report is to provide the Neighbourhoods and Environment Scrutiny Committee with an update on the progress made in delivering the 2017/18 highways maintenance investment programmes and outline the proposed planned maintenance programmes for 2018/19 and 2019/20.

This report is seeking Executive approval for the Highways Planned Maintenance 2018/19 & 2019/20 Programmes.

Recommendations

The Neighbourhoods and Environment Scrutiny Committee is asked to note:

- a) The update on delivery of the year 1 investment programme; and
- b) The highway capital maintenance proposals for years 2 & 3 of the investment programme.

Executive are recommended to:

Agree the proposed programme of highways works identified in Appendices 2, 3, 4, 5 and 6 subject to the necessary capital approvals being in place.

Wards Affected: All

Manchester Strategy outcomes	Summary of the contribution to the strategy
A thriving and sustainable city: supporting a diverse and distinctive economy that creates jobs and opportunities	A well maintained highway infrastructure will encourage business growth, creating jobs and opportunities
A highly skilled city: world class and home grown talent sustaining the city's economic success	The Highways Investment Strategy will provide opportunities for the development of skills.

A progressive and equitable city: making a positive contribution by unlocking the potential of our communities	The improvements to the roads in the Community Network will contribute towards this strategy.
A liveable and low carbon city: a destination of choice to live, visit, work	Safe and improved highways will encourage people to visit, live and work within the City.
A connected city: world class infrastructure and connectivity to drive growth	The maintenance of highways is a major contribution to this strategy.

Full details are in the body of the report, along with any implications for

- Equal Opportunities Policy
- Risk Management
- Legal Considerations

Financial Consequences – Revenue

The proposed programme of works will be funded through capital resources and will enhance the life of the asset, thereby potentially reducing the need for reactive repairs in future years. This will lead to a reduction in the costs of annual maintenance within the highways revenue budgets.

This report is about capitally funded planned programmes and does not include an update on our reactive maintenance work. This will be a separate report to Scrutiny later in the year.

Financial Consequences – Capital

As part of the Council's 2017/18 budget process the decision was made to invest over £100m over a 5 year period in developing and improving the highways network. Of this £80m is to be spent on maintenance. The proposed programme of works detailed in this report forms part of this investment and will be subject to the capital approvals process prior to commencement. Monitoring of the programme of works will form part of the regular capital monitoring reports to Executive throughout the year.

Maintenance programme:	2017/18	2018/19	2019/20	2020/21	2021/22	Total
Highway asset surveys	£109	£150	£150	£150	£150	£709
Drainage repairs	£1,058	£942	£500	£500	£500	£3,500
Large patching & defect repairs	£1,659	£2,500	£1,029	£1,000	£1,000	£7,188
Disabled bays / line markings	£16	£25	£25	£25	£25	£116
Carriageway resurfacing schemes	£4,298	£7,502	£6,000	£6,000	£6,000	£29,800
Footway schemes	£503	£3,648	£2,136	£2,000	£2,000	£10,287
Carriageway preventative schemes	£3,435	£7,965	£6,000	£6,000	£5,000	£28,400
Total:	£11,078	£22,732	£15,840	£15,675	£14,675	£80,000

A breakdown of the proposed budget allocation over the 5 year period is shown in the table above. 2017/18 year end spend is taken from year end finance figures, and the budget figures for 2018/19 include a carryover element. This table will be revised each year, dependant on delivery and spend achieved as well as budget priorities.

The confirmed external capital funding in 2018/19 for the programme is detailed below:

- LTP Capital maintenance block allocation: £3,060k
 - LTP Incentive fund award: £637k
 - 18/19 Pothole funding: £439k
- TOTAL: £4,136k**

The pothole funding award for 2018/19 (£439k) is specifically for repairing potholed areas or carrying out proactive treatments to stop the occurrence of potholes. We propose to use this element of the allocation as a contribution towards the large patching repairs programme which is a good match to its intended use.

Contact Officers:

Name: Kim Dorrington
Position: Strategic Director Transport, Highways and Engineering
Telephone: 0161 234 4828
E-mail: k.dorrington@manchester.gov.uk

Name: Steve Robinson
Position: Director of Operations (Highways)
E-mail: steve.robinson@manchester.gov.uk

Name: Paul Swann
Position: Team Leader, Highways
Telephone: 0161 219 2220
E-mail: p.swann@manchester.gov.uk

Background documents (available for public inspection):

The following documents disclose important facts on which the report is based and have been relied upon in preparing the report. Copies of the background documents are available up to 4 years after the date of the meeting. If you would like a copy please contact one of the contact officers above.

- Report to Executive 2nd December 2015 - Highways Asset Management Policy and Strategy;
- Highways Improvement Report to Neighbourhoods and Environment Scrutiny Committee October 2017;
- Report to Executive 8th February 2017 – Capital Programme (Budget 2017/18 – 2021/22).

1 Background

- 1.1 Manchester's highway network includes over 1,350 km of road length, 2,600 km of footway length and over 350 bridges and structures. Based on the latest valuations, the total highway asset has an indicative gross replacement value of over £2.7billion, making it the Council's most valuable asset.
- 1.2 The network is used daily by the majority of people who live and work in the city and is fundamental to the economic, social and environmental wellbeing of the community. Our ability to offer a reliable and resilient highways system is not only important for existing businesses; it is also a determining factor in attracting new businesses, particularly those with a time-critical need for logistics and commercial transport links.
- 1.3 As reported to Members, the long term cost of bringing the Council's highway network to a standard of good condition would be in the region of £160m; The service currently has council approval for £80m for maintenance works over 5 years and this highways capital investment allocation will be primarily spent on improving the condition of Manchester's roads, footways and drainage, as well as supporting maintenance of the bridge network.
- 1.4 In agreeing this five year investment for highways maintenance, a longer term rolling programme of capital maintenance work can be developed in liaison with local Members, which allows for investment decisions to support strategic priorities, provide better coordination with other work programmes and projects, better allocation of resources and budgets and greater clarity of what can be expected for stakeholders.

2 Public satisfaction

- 2.1 We recognise the importance of engaging with the public to understand their levels of satisfaction and obtain their views on the condition of our highway infrastructure, service standards and levels of performance.
- 2.2 As part of the 'Our Manchester' value for money budget campaign, a Highways focus communications week took place commencing 12th June 2017, which included highways content shared across social media, press releases, e-bulletins and a twitter Q&A session with the Executive Member for Environment. Almost 815,000 interactions and engagements were recorded during the week.
- 2.3 In addition, in order to better understand resident's views we commissioned the National Highways and Transport (NHT) Public Satisfaction Survey in 2017. The survey is carried out by IPSOS/MORI and allows comparison on performance at a local, regional and national level. A summary of the key findings of the survey are summarised below:

Key Themes	Manchester CC score	National average score	Ranking within the 10 GM authorities (Best to worst)
Overall public satisfaction	54%	54%	3 rd
Accessibility	71%	70%	Joint 4 th
Public transport	65%	61%	1 st
Walking & cycling	55%	55%	Joint 2 nd
Tackling congestion	48%	48%	1 st
Road safety	55%	55%	4 th
Highway maintenance & enforcement	49%	51%	Joint 5 th

- 2.4 Overall satisfaction with our highway services was measured at 54%, which is the same percentage as the national average (NA). When comparing results within the 10 GM authorities, we are above the average satisfaction figure for 5 of the 7 themes, and the same as the average figure for the other 2 themes (Road safety & highway maintenance).
- 2.5 Looking at the more detailed analysis of Manchester's results, the lowest satisfaction levels were around road condition and the timelines for repairs. This trend is mirrored nationally, which reflects the significant underfunding for local roads provided by the Government.
- 2.6 In a report earlier this year, the Local Government Association (LGA) has called for the Government to tackle the current disparity in the maintenance funding it provides for national and local roads, so that councils can tackle the £12 billion repair bill to bring our local roads up to scratch. New analysis by the LGA reveals the Government plans to spend £1.1 million per mile to maintain its strategic road network between 2015 and 2020. In comparison, it will provide councils with just £21,000 per mile for the local roads they maintain over the same period. This is despite an increase in the number of cars travelling on local roads, average speeds falling and local roads making up 98 per cent of the country's road network.
- 2.7 The new 5 year highway investment programme in Manchester started last year, and will deliver an improvement in the overall condition of our roads and footways. This should be reflected in improved satisfaction scores in the coming years.

3 Update on year 1 investment programme

- 3.1 Work is currently concluding on the delivery of the 2017/18 highways capital programme - year 1 of the 5 year investment programme.
- 3.2 Delivery of this first year of investment was delayed due to development of the programmes and the consultation processes involved and, combined with the severe weather towards the end of the year, this has meant that several schemes could not be completed and were carried over into 2018/19. A full list of these is given in Appendix 1, but it should be noted that the majority of the

carriageway works have now been completed and all are programmed to be completed by the end of May 2018.

3.3 A range of maintenance schemes across various programme areas have been delivered throughout the year and by the end of May 2018 this will include the following works:

- Road resurfacing – 103 roads completed, value £6.3m. In total approx. 300,000 m², which equates to 41 times the area of the Wembley Stadium football pitch and around 26 miles in linear measurement which is the approximate distance by road from Manchester to St Helens;
- Preventative maintenance schemes – 588 roads treated, value £6.3m. In total approx. 886,000 m², which equates to 122 times the area of Wembley Stadium football pitch and around 76 miles in linear measurement, which is the approximate distance by road from Manchester to Wolverhampton;
- Drainage - Around 11,300 gullies on roads that have been resurfaced or had preventative treatments have been cleaned and tested, with around 2% requiring repairs;
- Footway maintenance schemes - 2.5 miles in linear measurement have been reconstructed, with approx. 45,000 m² having a preventative treatment.

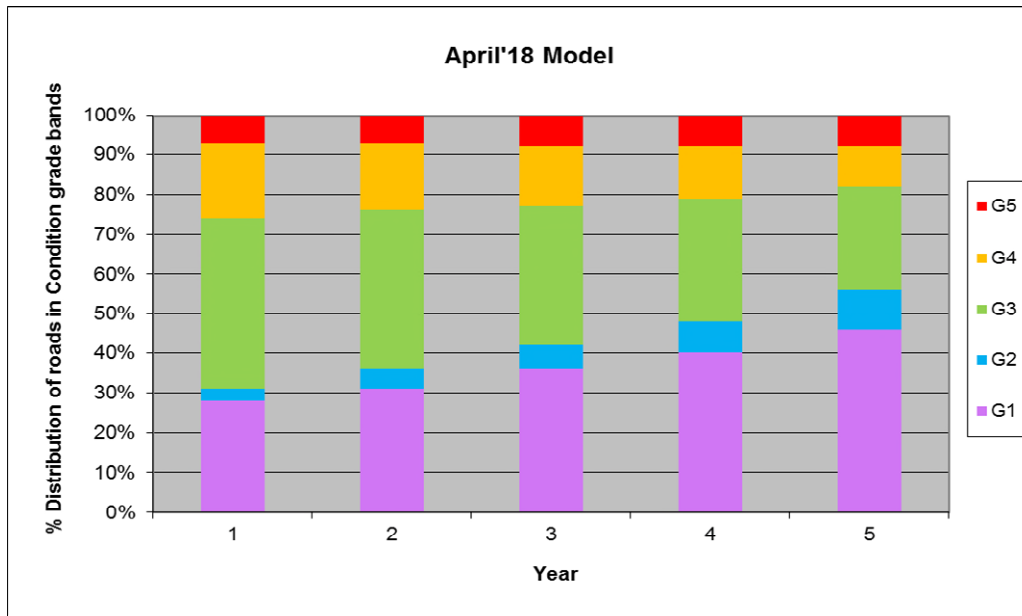
3.4 A preventative strategy is key to ensuring that a significant number of roads can be protected from total failure. Treating roads before they become critical is essential and is based on a 'just in time' engineering approach. This might be one or two winters prior to major defects occurring – by which time it would expose the council to emergency pothole repairs and more substantial and expensive structural repair.

3.5 As reported in paragraph (3.3), around 886,000 square metres of carriageway have been given a preventative treatment and, as might be expected when treating so many roads (especially with the poor weather conditions experienced), in a few locations some material failures have occurred. To put this in context, however, the total square metre area of failures only amounts to 0.17% of the whole area treated so it should not detract from the positive contribution that these treatments have made to maintain our network.

3.6 The contractor has already undertaken the majority of remedial works required and will programme the rest as soon as practicable to minimise disruption.

3.7 We are working with our framework contractors to ensure that appropriate remedial works are carried out as soon as practicable to reduce disruption, and to try to minimise the risk of future occurrences.

3.8 The condition survey carried out in 2017 highlighted the overall deterioration of our road network and the need for the current investment. The overall percentage (by area) of our roads rated as condition Grade 4 or 5 (poor) has risen from 19% in 2016 to 25% in 2017. The survey was carried out before the majority of the year 1 programme was carried out, so is a good indicator of condition prior to investment. Figures for next year should start to show an improvement in overall condition as shown in the updated condition modelling graph shown below.



3.9 A Scanner survey carried out on Manchester's KRN network in 2017 reflected an overall improvement in condition of the strategic roads, with a Road Condition Index (RCI) of 5%, compared to 8% in 2015. This is largely down to the work completed last year in resurfacing several of our major routes, funded by a successful Department for Transport (DfT) challenge fund bid.

4 Proposals for the 2018/19 and 2019/20 investment programmes

4.1 Over the next 4 years we are continuing to make a significant investment in our highway network, however we need to prioritise the planned works as the funding available will not cover the costs of treating all our roads.

4.2 In terms of scheme prioritisation and delivery, the Council's Highway Asset Management Strategy (HAMS), approved at Executive in December 2015, details the approach to prioritising roads that are most important to the Council's objectives. Our first priority for funding will be the Key Route Network (KRN) to support our strategic priority of growth, followed by roads of local significance for growth and accessibility, which we have classified as the Community Network (CN). The CN captures about 33 percent of Manchester's overall highway network. We have recently consulted with members on this network and will be publishing a final version shortly.

- 4.3 In approving the HAMS, the council recognised the need to understand the appropriate type of planned maintenance; the right choice and a timely approach is the single biggest way to guarantee value for money.
- 4.4 The following main programmes of work are proposed each year:
- i. **Road resurfacing programme** – Approximately £6m per year, prioritising the worst condition roads on the Key Route and Community Networks. Works involve removed the existing road surface and laying a new one.
 - ii. **Footway programme** – Approximately £2m per year, prioritising worst condition footways on the KRN and community networks and tying-in with the road resurfacing programme where possible. Works involve resurfacing or overlay of the existing footway, with kerb replacement where required.
 - iii. **Preventative treatment programmes** – Approximately £6m per year, targeting about 6 Wards each year (different from those in the resurfacing programme) and selecting all roads suitable for these treatments (predominantly ‘mid-life’ condition) within each Ward. This approach will reduce set-up costs and help delivery in terms of coordinating diversion routes and reducing disruption. Works usually involves overlaying the existing surface, although an element of pre-patching to repair failed areas may be necessary.
 - iv. **Drainage improvement programme** – Approximately £0.5m to £1m per year, repairing broken or defective drainage gullies and pipework will help prevent future damage such as potholes, and reduce the amount of maintenance that is required. This is additional to gully cleaning operations before and after resurfacing works.
 - v. **Large patching programme** - Approximately £1m per year for a planned programme of patching on roads which have suffered some structural failure in certain areas, but not sufficient to justify resurfacing of the whole road. Locations are identified using the condition survey information as well as from local intelligence and reports from Highway Inspectors and residents. This allocation will also include capital repairs to address the current backlog of defects.
 - vi. **Bridges and structures** – completing the required inspections and programming prioritised capital repairs on our bridges and structures.
- 4.5 In order to maximise economies of scale, ensure value for money and reduce disruption across the city, it is proposed to concentrate works in several wards each year so that each ward will receive at least 2 programmes of resurfacing and 1 programme of preventative treatments over the 5 year investment period.
- 4.6 The proposed rolling road and footway resurfacing programmes for 2018/19 are shown in Appendices 2 and 3, and have been developed using the latest condition information to identify worst condition sections and filtered to prioritise roads on the KRN and CN.

- 4.7 The proposed preventative treatment programme for 2018/19 is shown in Appendix 4, and has been primarily developed by selecting all suitable roads in the targeted wards (treatments are undertaken to stop roads in midlife deteriorating further).
- 4.8 The proposed rolling road and footway resurfacing programmes for 2019/20 are shown in Appendices 5 and 6. This 2019/20 forward programme will be subject to re-assessment next year, looking at new condition data, available budgets, liaison with other work programmes etc. and some schemes may be added / removed dependent on assessed priorities.
- 4.9 Members will be kept informed of any proposed changes to the approved programmes.
- 4.10 It is not practicable to develop a preventative treatment programme for 2019/20 at this time, because these roads may subsequently deteriorate beyond the point where these treatments would be effective. A programme for 2019/20 will be formulated later in the year following the latest condition survey.
- 4.11 Neighbourhood teams were consulted on the proposed programmes at an early stage to check that they included some local priorities and did not clash with any other known development works. Resident's views that came from 'Our Manchester' Highways week were also considered.
- 4.12 The Executive Member for Environment was consulted on the proposals and feedback from local members was subsequently sought on the draft programmes, following which the lists of schemes were finalised.
- 4.13 As part of the consultation, local members were also asked for locations where drainage problems are known within their wards, and these, combined with other identified locations, will form the initial drainage repair programme. Future repair work programmes will be driven by the cyclical gully cleansing regime currently being developed, which will identify problem areas requiring remedial works.
- 4.14 Large patching programmes of work will be compiled each year using condition survey information, inspection defect locations and other reports to identify suitable locations. We will identify rolling programmes of work throughout each year and will inform members on the work planned. A list of locations for 2018/19 has been drafted and we are currently carrying out cost estimates before finalising this.
- 4.15 An important element of improving the lifespan of all roads is to make sure that any utility repairs are undertaken before the Council undertakes any resurfacing or preventative work. The GMRAPS system provides a controlled and precise way to advance notify utility companies of our planned works. Where utility companies have work planned they can either accelerate their programme or the Council can reschedule ours such that the resurfacing is undertaken after the utility repair work.

5 Governance and approvals

- 5.1 The approval of the capital maintenance programme has a number of formal approval stages. As a universal service to residents, businesses across the City and the travelling public from across the City Region and beyond, the service is at the heart of creating a lasting impression of Manchester.
- 5.2 The approved maintenance programmes will be made available on the Council's Web site and it will be regularly updated with progress.
- 5.3 Progress on delivery will be monitored and reported at Highways management board meetings and fed up to Growth & Neighbourhoods Senior Management team and Scrutiny Committee when required.
- 5.4 Gaining longer term approval for the 2018/19 and 2019/20 programmes will enable more flexibility in delivery – if a scheme planned for 2018/19 has to be delayed or deferred for any reason, such as emergency utility works, developments etc., it will give an opportunity to bring forward an approved scheme from 2019/20 to compensate for resources and budget allocation.
- 5.5 Any required changes made to the programmes will be discussed and agreed at Highways management board meetings and we propose that these can then be authorised using a delegated powers approval (green) report.
- 5.6 The appropriate locality teams will be informed on delivery progress and scheduled implementation dates, as well as any changes to the approved programmes. Local members and residents can then be regularly updated by the teams and at ward coordination meetings.

6 Delivery proposals

- 6.1 Each scheme is subject to a site visit by an experienced engineer to check that the condition data is up to date and to determine the best value option for treatment. For major schemes (such as those undertaken recently along the Oxford Road and Wilmslow Road corridor), the Council will undertake core samples to determine condition of underlying layers.
- 6.2 For carriageway schemes, all drainage gullies will be initially checked and any required repairs carried out where possible prior to resurfacing. Gullies will also be cleaned following works completion.
- 6.3 The carriageway and footway works will be procured using our existing frameworks, TC040 for resurfacing and TC041 for preventative works. Both frameworks have 3 appointed companies who have been through a competitive selection process based on cost and quality criteria, including due consideration of value for money, social value, and quality of work.
- 6.4 We also have the Major Infrastructure Framework Contract (TC886) in place, which may provide a wider opportunity to procure future resurfacing contractors at a competitive rate; we are working to determine further which options provide

us with the best value and least risk in the longer term without compromising the quality of work.

- 6.5 Part of the procurement process will involve assessment of contractor's offers of social value as part of tender selection. The scale of the procurement means that good social benefits will be achieved and in this case there will be no option for the contractors to make a payment in kind rather than deliver non-cash benefits. Our current framework contracts include local contractors and one of the social benefits expected is the opportunities for Manchester apprenticeships to be created through these maintenance contracts.
- 6.6 When appointed, our Highways Project Manager (Social Value) will work with any successful tenderers to ensure commitments are delivered and find ways to increase the benefits.
- 6.7 Once dates for delivery have been agreed with the contractor, ward members will be notified by e-mail, and before starting any planned work on the highway, contractors will inform all local residents and businesses by letter.
- 6.8 As part of any planned schemes, we will look to integrate all required works into a single package; e.g. For a road resurfacing scheme, this may include any required kerb and footpath repairs, rectification of identified drainage problems, reduction in street clutter (defunct signs etc.) or accommodating any requests for dropped crossings as part of the work specification.
- 6.9 For each scheme, we will also look beyond the extents of the works to ensure that the road lining is refreshed up to a suitable juncture. On cycle routes, we will also assess the effectiveness of the current markings for cyclists and provide enhancements where needed.
- 6.10 We are always looking to incorporate the latest technology and innovation into our maintenance procedures where possible. We are currently proposing to undertake trials this year using surfacing materials incorporating waste plastics from landfill sites, as well as the Road Mole System for permanent circular repairs of potholes and ironworks.
- 6.11 Laying so-called 'plastic roads' can reduce our carbon footprint by using less bitumen in the materials and reducing the amount of plastics destined for landfill sites, without compromising the strength and durability of the asphalt. Typically, between 3kg to 10kg of waste plastics in pellet form are used in every ton of asphalt, depending on the road design. We are currently working with contractors to determine the most appropriate sites for these trials.
- 6.12 The Road Mole System can remove a damaged area of between 300mm and 1300mm diameter in about 1 minute and complete a circular, permanent repair within about 10 minutes.

Managing the quality of the work undertaken

- 6.13 A key element of value for money is checking the quality of the work both during and after completion of the works. Final payment is not made until the works have been satisfactorily completed. We also put in-place contractually, a two year guarantee and retain 5 percent of the contractor's agreed fee until the expiry of the two-year period.

7 Conclusion

- 7.1 The Highways Service continues to respond to historic challenges associated with a declining network condition.
- 7.2 The significant 5 year investment has yet to substantively feed through into works on the ground and until this occurs there is a risk of continued increase in highways defects.
- 7.3 Approval of longer term rolling programmes will allow better planning of works and provide users with greater clarity of what can be expected.

8 Financial Implications

- 8.1 The funding for the proposed programme of works is contained within the already approved £80 million Highways Investment Programme that was agreed by the Council's Executive as part of the 2017/18 Capital Budget.
- 8.2 The programme of works will be subject to the City Council capital approvals process and progress will be reported to members as part of the regular Capital update reporting.
- 8.3 Rolling programmes of work will be developed to ensure that the approved investment is used in the most effective way.

9 Contributing to the Manchester Strategy

(a) A thriving and sustainable city

- 9.1 A well maintained highway infrastructure will encourage business growth, creating jobs and opportunities.

(b) A highly skilled city

- 9.2 The Highways Investment Strategy will provide opportunities for the development of a variety skills within the highways industry.

(c) A progressive and equitable city

- 9.3 The improvements to the roads in the Community Network will contribute towards unlocking the potential of our communities

(d) A liveable and low carbon city

- 9.4 Safe and improved highways will encourage people to visit, live and work within the City.

(e) A connected city

- 9.5 A connected city needs a well maintained highway infrastructure and the Highways Maintenance Strategy is targeted to achieving this.

10 Key Policies and Considerations

(a) Equal Opportunities

- 10.1 A well maintained highway network will improve access for vehicles and enhance pedestrian and cycling facilities, contributing to the corporate objectives of making the environment accessible to all and creating neighbourhoods of choice. Where appropriate Equality Impact Statements will be undertaken

(b) Risk Management

- 10.2 A risk management approach will be undertaken for the various programmes of work.

(c) Legal Considerations

- 10.3 There are no legal considerations arising from this report.

Appendix 1 - 2017/18 programme – Schemes carried over into 2018/19

Delivery of the first year of investment (2017/18) was delayed due to development of the programmes and the consultation processes involved and, combined with the severe weather towards the end of the year, this has meant that a number of schemes (mainly preventative treatments) were not completed and were carried over into 2018/19; The following list shows these schemes. NB. The majority of these have now been completed and all carriageway works have been programmed to be completed by the end of May 2018.

<u>New Ward (May '18)</u>	<u>Section</u>	<u>Treatment</u>
ANC-BES	CAMBRIAN STREET	Carriageway preventative overlay
ARD	CHERRYTON WALK	Carriageway preventative overlay
BAG	BOWLAND ROAD / BLACKCARR ROAD - Floatshall Rd to Wendon Rd	Carriageway preventative overlay
BAG	BROOKCOT ROAD	Carriageway preventative overlay
BAG	CAITHNESS CLOSE	Carriageway preventative overlay
BAG	DUNNISHER ROAD	Carriageway preventative overlay
BAG	FIRBANK ROAD	Carriageway preventative overlay
BAG	FIRBANK ROAD - Parkend Road to Balmer Drive (nw bound side)	Footway reconstruction
BAG	FLAGCROFT DRIVE	Carriageway preventative overlay
BAG	FLOATSHALL ROAD	Carriageway preventative overlay
BAG	GREENBROW ROAD	Carriageway preventative overlay
BAG	HALL LANE - Altrincham Road to railway bridge	Carriageway preventative overlay
BAG	LONGFIELD ROAD	Carriageway preventative overlay
BAG	LULWORTH GARDENS	Carriageway preventative overlay
BAG	MALDEN GROVE	Carriageway preventative overlay
BAG	MARDEN ROAD	Carriageway preventative overlay
BAG	MILLHOUSE AVENUE	Carriageway preventative overlay
BAG	ORKNEY CLOSE - Colshaw Road for a distance of 48m	Carriageway preventative overlay
BAG	PARKWOOD ROAD	Carriageway preventative overlay
BAG	PORLOCK ROAD	Carriageway preventative overlay
BAG	SPARK ROAD	Carriageway preventative overlay
BAG	TUFFLEY ROAD	Carriageway preventative overlay
BAG	WELLESBOURNE STREET	Carriageway preventative overlay
BAG	YARWOOD AVENUE	Carriageway preventative overlay
BROOK	ORTON ROAD - Wythenshawe Road to Moorcroft Road	Carriageway preventative overlay
BURN	BARNFIELD ROAD - Full Length	Carriageway resurfacing
BURN	BURNAGE LANE - Avon Road to Milton Court	Carriageway resurfacing
BURN	MILWAIN ROAD - Full Length	Footway reconstruction
CHARL	BARCLIFFE AVENUE	Carriageway preventative overlay
CHARL	BRANSBY AVENUE	Carriageway preventative overlay
CHARL	COBHAM AVENUE	Carriageway preventative overlay
CHARL	DANTALL AVENUE	Carriageway preventative overlay
CHARL	EARBY GROVE	Carriageway preventative overlay
CHARL	INGLEBY AVENUE	Carriageway preventative overlay

CHARL	KIRKHILL WALK - Blandford Drive to House No 14	Carriageway preventative overlay
CHARL	SHAKLETON AVENUE	Carriageway preventative overlay
CHORP	ARROWFIELD ROAD	Carriageway preventative overlay
CHORP	BATCHELOR CLOSE	Carriageway preventative overlay
CHORP	BROOKSTONE CLOSE	Carriageway preventative overlay
CHORP	CHATFIELD ROAD	Carriageway preventative overlay
CHORP	CLIFTON ROAD	Carriageway preventative overlay
CHORP/DIDSW	DARLEY AVENUE - Hardy Lane to Barlow Hall Road	Carriageway preventative overlay
CHORP	DARTMOUTH ROAD	Carriageway preventative overlay
CHORP	DERWENT CLOSE	Carriageway preventative overlay
CHORP	DEVONSHIRE ROAD	Carriageway preventative overlay
CHORP	HARTINGTON ROAD	Carriageway preventative overlay
CHORP	MARHAM CLOSE	Carriageway preventative overlay
CHORP	MAULDETH ROAD WEST - Eastbound Barlow Moor Road to Nell Lane	Carriageway preventative overlay
CHORP	MAULDETH ROAD WEST - Eastbound Withington Road to Greystone Avenue	Carriageway preventative overlay
CHORP	MAULDETH ROAD WEST - Westbound Alexandra Road South to Withington Road	Carriageway preventative overlay
CHORP	MAULDETH ROAD WEST - Westbound Nell Lane to Barlow Moor Road	Carriageway preventative overlay
CHORP	MERSEY BANK AVENUE - Maitland Avenue to Pulford Avenue	Carriageway preventative overlay
CHORP	MOTTRAM AVENUE	Carriageway preventative overlay
CHORP	NEW BARNES AVENUE	Carriageway preventative overlay
CHORP	PHEASANT DRIVE	Carriageway preventative overlay
CHORP	PRIORY AVENUE	Carriageway preventative overlay
CHORP	SIDBURY ROAD	Carriageway preventative overlay
CHORP	TORBAY ROAD	Carriageway preventative overlay
CHORP	TOTNES ROAD	Carriageway preventative overlay
CHORP	WINTERMANS ROAD	Carriageway preventative overlay
CHORP	WISHAW SQUARE	Carriageway preventative overlay
CHORP	ZETLAND ROAD	Carriageway preventative overlay
CHORP/WHALR	WITHINGTON ROAD - Wilbraham Rd to Mauldeth Rd West	Carriageway preventative overlay
CLAY-OP	CLAYTON LANE - Railway Bridge to Ambrose Street	Carriageway preventative overlay
CLAY-OP	VINE STREET	Carriageway preventative overlay
CRUMP	HAZELBOTTOM ROAD - CRESCENT ROAD to Raja Close	Carriageway preventative overlay
CRUMP	MOXLEY ROAD - Melton Road to Middleton Road	Carriageway preventative overlay
CRUMP	SEYMOUR ROAD - Carmoor Road to South Grove	Carriageway preventative overlay
CRUMP	WILTON ROAD / BANK ROAD - Crumpsall Lane to Middleton Road	Carriageway resurfacing
CRUMP	WILTON ROAD / BANK ROAD - Crumpsall Lane to Middleton Road	Footway reconstruction
CRUMP/HARP	WATERLOO STREET - Factory Lane to Crescent Road	Carriageway preventative overlay
DIDSE	KINGSWAY - Fog Lane to Queensway (SB/East side)	Footway reconstruction
DIDSE	KINGSWAY - Homestead Cres(S) to Withnell Road (NB/West side)	Footway reconstruction

DIDSE / DIDSW / WITH	WILMSLOW ROAD - Palatine Road to School Lane	Carriageway resurfacing
DIDSW	BUXTON AVENUE	Carriageway preventative overlay
DIDSW	CAVENDISH AVENUE	Carriageway preventative overlay
DIDSW	DISLEY AVENUE	Carriageway preventative overlay
DIDSW	HAREFIELD DRIVE - Full Length	Footway reconstruction
DIDSW	LEOPOLD AVENUE	Carriageway preventative overlay
DIDSW	LIDGATE GROVE / GROVE LANE - Crossway to Springdale Gardens	Carriageway preventative overlay
DIDSW	MATLOCK AVENUE	Carriageway preventative overlay
DIDSW	NELL LANE (East of Princess Road) - Princess Road to lamp column No 56	Carriageway preventative overlay
DIDSW	NELL LANE (West of Princess Road) - Princess Road for a distance of 250m	Carriageway preventative overlay
DIDSW	PERRYGATE AVENUE	Carriageway preventative overlay
DIDSW	WESTMORLAND ROAD - Full Length	Footway reconstruction
FALL/MOSS	LLOYD STREET SOUTH - Parkside Rd to Wilbraham Rd	Carriageway preventative overlay
FALL	MARBURY AVENUE	Carriageway preventative overlay
FALL	MOSELEY ROAD - Wilmslow Road to just past Ladybarn Lane (EB / North side)	Footway reconstruction
FALL	PRESTBURY AVENUE	Carriageway preventative overlay
FALL	SEACOMBE AVENUE	Carriageway preventative overlay
FALL	WINSFORD ROAD - Platt Lane to Wilbraham Road	Carriageway preventative overlay
FALL/OMOAT	SHERWOOD STREET	Carriageway preventative overlay
FALL/OMOAT	PRINCESS ROAD - Platt Lane to Mauldeth Rd West (SB / East side)	Footway reconstruction
FALL/OMOAT/ MOSS	YEW TREE ROAD - Full Length	Carriageway resurfacing
GORT-ABB	AUDREY AVENUE	Carriageway preventative overlay
GORT-ABB	BRIGHTMAN STREET	Carriageway preventative overlay
GORT-ABB	BROADACRE ROAD	Carriageway preventative overlay
GORT-ABB	BROGAN STREET	Carriageway preventative overlay
GORT-ABB	BURSTEAD STREET - Vine Street to Abbey Hey Lane	Carriageway preventative overlay
GORT-ABB	BURSTON STREET	Carriageway preventative overlay
GORT-ABB	BUTMAN STREET	Carriageway preventative overlay
GORT-ABB	CLAYMORE STREET	Carriageway preventative overlay
GORT-ABB	DALEHEAD CLOSE	Carriageway preventative overlay
GORT-ABB	DEERFOLD CLOSE	Carriageway preventative overlay
GORT-ABB	ELSDON DRIVE	Carriageway preventative overlay
GORT-ABB	FLEET STREET	Carriageway preventative overlay
GORT-ABB	GATEWAY ROAD	Carriageway preventative overlay
GORT-ABB	GORDON STREET	Carriageway preventative overlay
GORT-ABB	GRATRIX STREET	Carriageway preventative overlay
GORT-ABB	HARROP STREET	Carriageway preventative overlay
GORT-ABB	JETSON STREET	Carriageway preventative overlay
GORT-ABB	KENYON STREET	Carriageway preventative overlay
GORT-ABB	LAKESIDE CLOSE	Carriageway preventative overlay
GORT-ABB	LONG STREET	Carriageway preventative overlay
GORT-ABB	LONGFORD STREET - Western Street to house No 79	Carriageway preventative overlay
GORT-ABB	MADISON STREET	Carriageway preventative overlay

GORT-ABB	MALPAS STREET	Carriageway preventative overlay
GORT-ABB	MARCHIONESS STREET	Carriageway preventative overlay
GORT-ABB	OLD HALL DRIVE - Ryder Brow Rd to Brookhurst Road	Footway reconstruction
GORT-ABB	PETERBOROUGH STREET	Carriageway preventative overlay
GORT-ABB	PINETREE STREET	Carriageway preventative overlay
GORT-ABB	REDACRE ROAD	Carriageway preventative overlay
GORT-ABB	SANDHEYS GROVE	Carriageway preventative overlay
GORT-ABB	SANDOWN STREET	Carriageway preventative overlay
GORT-ABB	SWAN HILL CLOSE	Carriageway preventative overlay
GORT-ABB	WILLOW GROVE HYDE ROAD SANDHEYS GR	Carriageway preventative overlay
GORT-ABB	WYCOMBE AVENUE	Carriageway preventative overlay
GORT-ABB	COURIER STREET	Carriageway preventative overlay
GORT-ABB	WALMER STREET	Carriageway preventative overlay
GORT-ABB	WALTER STREET	Carriageway preventative overlay
GORT-ABB	WELLINGTON STREET - Hyde Rd to Stelling St	Carriageway preventative overlay
GORT-ABB	WESTERN STREET	Carriageway preventative overlay
GORT-ABB / LONG	GLENCASTLE ROAD - Sandringham Road to Mountbatten Street	Carriageway preventative overlay
HARP	ALDERSIDE ROAD	Carriageway preventative overlay
HARP	ALFRED STREET	Carriageway preventative overlay
HARP	AMOS STREET	Carriageway preventative overlay
HARP	ASHLEY LANE - Zeta St to CDS end	Carriageway preventative overlay
HARP	BATLEY STREET	Carriageway preventative overlay
HARP	BISHOP MARSHALL CLOSE	Carriageway preventative overlay
HARP	CARRON AVENUE	Carriageway preventative overlay
HARP	CAVERSHAM DRIVE	Carriageway preventative overlay
HARP	CICERO STREET	Carriageway preventative overlay
HARP	CLITO STREET	Carriageway preventative overlay
HARP	CONINGSBY DRIVE	Carriageway preventative overlay
HARP	EDWARD STREET	Carriageway preventative overlay
HARP	FERNCLOUGH ROAD - Lathbury Rd to Shiredale Dr	Carriageway preventative overlay
HARP	FORELAND CLOSE	Carriageway preventative overlay
HARP	FRAM STREET	Carriageway preventative overlay
HARP	HEMSLEY STREET SOUTH	Carriageway preventative overlay
HARP	HILLIER STREET NORTH & SOUTH	Carriageway preventative overlay
HARP	JONAS STREET	Carriageway preventative overlay
HARP	KINGSCLIFFE STREET	Carriageway preventative overlay
HARP	LATHBURY ROAD	Carriageway preventative overlay
HARP	MORA STREET	Carriageway preventative overlay
HARP	OAKDENE STREET	Carriageway preventative overlay
HARP	PARKMOUNT ROAD	Carriageway preventative overlay
HARP	PRINCEDOM STREET	Carriageway preventative overlay
HARP	RADFORD DRIVE	Carriageway preventative overlay
HARP	RATHMORE AVENUE	Carriageway preventative overlay
HARP	ROBERT MALCOLM CLOSE	Carriageway preventative overlay
HARP	RODA STREET	Carriageway preventative overlay
HARP	SEQUOIA STREET	Carriageway preventative overlay
HARP	SIMISTER STREET	Carriageway preventative overlay

HARP	STANIER STREET	Carriageway preventative overlay
HARP	STANWAY STREET	Carriageway preventative overlay
HARP	THORNSETT CLOSE	Carriageway preventative overlay
HARP	WEMBURY STREET NORTH	Carriageway preventative overlay
HARP	WESTBOURNE GROVE	Carriageway preventative overlay
HARP	ZETA STREET	Carriageway preventative overlay
HBLAK	BLACKLEY NEW ROAD	Carriageway preventative overlay
HBLAK	HEATON PARK ROAD - Full Length	Footway reconstruction
HBLAK	TWEEDLE HILL ROAD	Carriageway preventative overlay
LEVEN	BROOM AVENUE - Full Length	Carriageway resurfacing
LEVEN	BROOM LANE - Barlow Road to Marley Road	Carriageway resurfacing
LONG	BOURTON DRIVE	Carriageway preventative overlay
LONG	COLLINGTON CLOSE	Carriageway preventative overlay
LONG	FERNHILL DRIVE	Carriageway preventative overlay
LONG	MOUNT ROAD - Kirkmanshulme Lane to Melland Road	Carriageway preventative overlay
LONG	MOUNTBATTEN STREET - Mount Rd to Cul-de-sac end	Carriageway preventative overlay
LONG	OADBY CLOSE	Carriageway preventative overlay
LONG	OLWEN AVENUE	Carriageway preventative overlay
LONG	PENCOMBE CLOSE	Carriageway preventative overlay
LONG	PENKETH AVENUE	Carriageway preventative overlay
LONG	RIGTON CLOSE	Carriageway preventative overlay
LONG	SARNESFIELD CLOSE	Carriageway preventative overlay
LONG	SHELFORD AVENUE	Carriageway preventative overlay
MILES	ALBERT GARDENS	Carriageway preventative overlay
MILES	ALDHAM AVENUE	Carriageway preventative overlay
MILES	BALLANTINE STREET	Carriageway preventative overlay
MILES	BRIDLINGTON CLOSE	Carriageway preventative overlay
MILES	BURNELL CLOSE	Carriageway preventative overlay
MILES	CHELSEA ROAD	Carriageway preventative overlay
MILES	CLOUGH STREET	Carriageway preventative overlay
MILES	COLERIDGE STREET	Carriageway preventative overlay
MILES	CRAMER STREET	Carriageway preventative overlay
MILES	CRAVENHURST AVENUE	Carriageway preventative overlay
MILES	CROSBY ROAD	Carriageway preventative overlay
MILES	DAISY BANK	Carriageway preventative overlay
MILES	DAKERWOOD CLOSE	Carriageway preventative overlay
MILES	DEAL CLOSE	Carriageway preventative overlay
MILES	DEBENHAM AVENUE	Carriageway preventative overlay
MILES	DOURO STREET	Carriageway preventative overlay
MILES	EDENBRIDGE ROAD	Carriageway preventative overlay
MILES	EDINBURGH SQUARE	Carriageway preventative overlay
MILES	EDMONTON ROAD	Carriageway preventative overlay
MILES	FERDINAND STREET	Carriageway preventative overlay
MILES	FIELDFARE AVENUE	Carriageway preventative overlay
MILES	FINCHLEY AVENUE	Carriageway preventative overlay
MILES	FINSBURY AVENUE	Carriageway preventative overlay
MILES	FLASH STREET	Carriageway preventative overlay

MILES	FULHAM AVENUE	Carriageway preventative overlay
MILES	GASKELL STREET - Droylesden Rd to Stotts La	Carriageway preventative overlay
MILES	GILMERTON DRIVE	Carriageway preventative overlay
MILES	HEATHFIELD STREET	Carriageway preventative overlay
MILES	ILFRACOMBE STREET	Carriageway preventative overlay
MILES	JOHNSON'S SQUARE	Carriageway preventative overlay
MILES	LASTINGHAM STREET	Carriageway preventative overlay
MILES	LENG ROAD	Carriageway preventative overlay
MILES	LUDGATE ROAD	Carriageway preventative overlay
MILES	MILLWRIGHT STREET	Carriageway preventative overlay
MILES	NEWTON STREET	Carriageway preventative overlay
MILES	PARTINGTON STREET	Carriageway preventative overlay
MILES	QUEENSFERRY STREET	Carriageway preventative overlay
MILES	REATHER WALK	Carriageway preventative overlay
MILES	REGENT STREET	Carriageway preventative overlay
MILES	ROSSINGTON STREET	Carriageway preventative overlay
MILES	ROTHMAN CLOSE	Carriageway preventative overlay
MILES	SCOTLAND HALL ROAD	Carriageway preventative overlay
MILES	SEABROOK ROAD - Crayford Road to cul-de-sac end	Carriageway preventative overlay
MILES	SHARDLOW CLOSE	Carriageway preventative overlay
MILES	SMALLRIDGE CLOSE	Carriageway preventative overlay
MILES	SURBITON ROAD	Carriageway preventative overlay
MILES	TEN ACRES LANE - Rosebank Rd to Oldham Rd	Carriageway preventative overlay
MILES	THORNDEN ROAD	Carriageway preventative overlay
MOSS	ALBEMARLE ROAD	Carriageway preventative overlay
MOSS	BOLD STREET	Carriageway preventative overlay
MOSS	CLAREMONT ROAD - Princess Road to Upper Lloyd Street	Carriageway preventative overlay
MOSS	FERNLEAF STREET	Carriageway preventative overlay
MOSS	GRANTHAM STREET	Carriageway preventative overlay
MOSS	GT SOUTHERN STREET	Carriageway preventative overlay
MOSS	HAYDN AVENUE	Carriageway preventative overlay
MOSS	HEALD PLACE - Moss La East to Gt Western St	Carriageway preventative overlay
MOSS	MAINE ROAD	Carriageway preventative overlay
MOSS	MONTON STREET	Carriageway preventative overlay
MOSS	MOSS LANE EAST - Princess Rd to Wilmslow Rd	Carriageway preventative overlay
MOSS	NEWARK AVENUE	Carriageway preventative overlay
MOSS	NORMANBY STREET	Carriageway preventative overlay
MOSS	PARKFIELD STREET - Moss La East to Gateshead Cl	Carriageway preventative overlay
MOSS	PLAYFAIR STREET	Carriageway preventative overlay
MOSS	RABY STREET - Princess Rd to Moss La East	Carriageway preventative overlay
MOSS	RITA AVENUE	Carriageway preventative overlay
MOSS	ROBERTS AVENUE	Carriageway preventative overlay
MOSS	RUSKIN AVENUE	Carriageway preventative overlay
MOSS	RUTHERFORD AVENUE	Carriageway preventative overlay
MOSS	SALISBURY STREET	Carriageway preventative overlay
MOSS	UPPER LLOYD STREET	Carriageway preventative overlay
MOSS / WHALR	CAYTHORNE STREET	Carriageway preventative overlay
MOSS / WHALR	COWESBY STREET	Carriageway preventative overlay
MOSS/ARD	ACOMB STREET	Carriageway preventative overlay
MOST	AUDREY STREET	Carriageway preventative overlay

MOST	BENTON STREET	Carriageway preventative overlay
MOST	BROCKLEHURST STREET	Carriageway preventative overlay
MOST	BUTE STREET	Carriageway preventative overlay
MOST	LILY LANE	Carriageway preventative overlay
MOST	LIZMAR TERRACE	Carriageway preventative overlay
MOST	McCONNELL ROAD	Carriageway preventative overlay
MOST	MOSTON LANE - Rochdale Rd to Nuthurst Road	Carriageway preventative overlay
MOST	NEVIN ROAD / MELFORD AVENUE - Full length	Footway reconstruction
MOST	SILTON STREET	Carriageway preventative overlay
MOST	WORSLEY AVENUE	Carriageway preventative overlay
OMOAT/DIDSW	PRINCESS ROAD - Mauldeth Rd West to Cavendish Rd (SB East side)	Footway reconstruction
SHARS	CARLING DRIVE - Full Length	Carriageway resurfacing
SHARS	CROSSACRES ROAD - From where Metrolink surfacing finished (west of Longwood Road) to Peel Hall Rd	Carriageway resurfacing
SHARS	GLADESIDE ROAD - Somerton Ave to Poundswick Lane	Carriageway resurfacing
SHARS	HOLLINEY ROAD - GOLDIE AVENUE to LOMOND ROAD	Carriageway preventative overlay
SHARS	HOLLYHEDGE ROAD -Styal Road to Solway Road	Carriageway resurfacing
SHARS / WOODP	SIMONSWAY - Peel Hall Road to West of Portrush Rd	Carriageway resurfacing
WHALR/CHORP	ALEXANDRA ROAD SOUTH - Brantingham Road to Mauldeth Road West	Carriageway preventative overlay
WHALR	WILBRAHAM ROAD - Withington Road to Princess Road	Footway reconstruction
WHALR	WITHINGTON ROAD - College Rd to Manley Rd	Footway reconstruction
WOODP	PORTWAY	Carriageway preventative overlay
WOODP	POUNDSWICK LANE - Simonsway to just past Cornfield Dr (includes up to CP entrance on Cornfield Dr)	Carriageway resurfacing
WOODP	RUDDPARK ROAD - Portway to just past Prinknash Road	Carriageway preventative overlay

Appendix 2 – Carriageway resurfacing programme 2018/19

Road resurfacing programme – using the principles outlined in the Highway Asset Management Strategy, prioritising the worst condition roads on the Key Route and Community Networks and targeting several wards in the North, Central area and the South. This approach will reduce set-up costs and help delivery in terms of coordinating diversion routes and reducing disruption. Works involve removing the existing failed road surface and laying a new one.

<u>New Ward (May '18)</u>	<u>Section</u>	<u>Treatment</u>
ANC-BES	CHARLESWORTH STREET - Full Length	Carriageway resurfacing
ANC-BES	HINCKLEY STREET - Full Length	Carriageway resurfacing
ANC-BES	JERSEY STREET - Poland St to Rodney St	Carriageway resurfacing
ANC-BES	MYRTLE STREET - Full Length	Carriageway resurfacing
ANC-BES	PALMERSTON STREET - Gt Ancoats St to Viaduct St	Carriageway resurfacing
ANC-BES	POLAND STREET - Full Length	Carriageway resurfacing
ANC-BES	SALTFORD AVENUE - Full Length	Carriageway resurfacing
ANC-BES	SIAM STREET - Full Length	Carriageway resurfacing
ANC-BES	WADEFORD CLOSE - Full Length	Carriageway resurfacing
ANC-BES	WEYBRIDGE ROAD - Full Length	Carriageway resurfacing
ARD	GROSVENOR STREET - Downing St to Upper Brook St	Carriageway resurfacing
ARD	HYDE GROVE - Full Length	Carriageway resurfacing
ARD	HYDE PLACE - Full Length	Carriageway resurfacing
BROOK	BAYCROFT GROVE - Full Length	Carriageway resurfacing
BROOK	DALLIMORE ROAD - Full Length	Carriageway resurfacing
BROOK	FAIRWOOD ROAD - Full Length	Carriageway resurfacing
BROOK	FLOATS ROAD - Dallimore Rd to cul-de-sac end	Carriageway resurfacing
BROOK	KERNE GROVE - Full Length	Carriageway resurfacing
BROOK	TIMPSON ROAD - Tesco CP exit to cul-de-sac end	Carriageway resurfacing
BURN	ALSTON GARDENS - Full Length	Carriageway resurfacing
BURN	ASHBURN AVENUE - Full Length	Carriageway resurfacing
BURN	WESTDEAN CRESCENT - Full Length	Carriageway resurfacing
CHEET	BECKENHAM ROAD - Full Length	Carriageway resurfacing
CHEET	BROUGHTON STREET - Waterloo Rd to Sherborne St	Carriageway resurfacing
CHEET	CARNARVON STREET - Full Length	Carriageway resurfacing
CHEET	CHEETWOOD ROAD - Full Length	Carriageway resurfacing
CHEET	DERBY STREET - Waterloo Rd to Redbank	Carriageway resurfacing
CHEET	DUDLEY STREET - Waterloo Rd to Salford Bdy	Carriageway resurfacing
CHEET	EMPIRE STREET - Wooley St to Cheetham Hill Road	Carriageway resurfacing
CHEET	ERMINGTON DRIVE - Full Length	Carriageway resurfacing
CHEET	HOVEDEN STREET - Full Length	Carriageway resurfacing
CHEET	HOWARD STREET - Full Length	Carriageway resurfacing
CHEET	KNOWSLEY STREET - Full Length	Carriageway resurfacing
CHEET	MARY STREET - Full Length	Carriageway resurfacing
CHEET	RUSSELL STREET - Full Length	Carriageway resurfacing
CHEET	SOUTHALL STREET - Full Length	Carriageway resurfacing
CHORP/WHALR	WITHINGTON ROAD - Mauldeth Rd West to Wilbraham Road	Carriageway resurfacing
CLAY-OP	ALPHA STREET - Ashton Old Rd to Toxteth St	Carriageway resurfacing
CLAY-OP	BECK STREET - Full Length	Carriageway resurfacing
CLAY-OP	GRANSMOOR ROAD - Full Length	Carriageway resurfacing
CLAY-OP	MERSEY STREET - Full Length	Carriageway resurfacing

CLAY-OP	PARR STREET - Full Length	Carriageway resurfacing
CLAY-OP	SCHOFIELD STREET - Full Length	Carriageway resurfacing
CLAY-OP	TREVOR STREET - Ashton Old Rd to Toxteth St	Carriageway resurfacing
DEANS	BARTON STREET - Full Length	Carriageway resurfacing
DEANS	CHESTER STREET - Newcastle St to Oxford Rd	Carriageway resurfacing
DEANS	CITY ROAD EAST - Garwood St to Albion St	Carriageway resurfacing
DEANS	HULME STREET - Full Length	Carriageway resurfacing
DEANS	LOWER ORMOND STREET - Hulme St to Chester St	Carriageway resurfacing
DEANS	MANCUNIAN WAY / CAMBRIDGE STREET ROUNDABOUT - North side	Carriageway resurfacing
DEANS	MANCUNIAN WAY/MEDLOCK STREET ROUNDABOUT (N.side)	Carriageway resurfacing
DEANS	MANCUNIAN WAY SLIP ROAD - Medlock St R/bt to Cambridge St R/bt	Carriageway resurfacing
DEANS	NEWCASTLE STREET - Hulme St to Chester St	Carriageway resurfacing
DEANS	SOUTHERN STREET - Full Length	Carriageway resurfacing
DEANS	SPRING GARDENS - Mosley St to Fountain St	Carriageway resurfacing
DEANS	WHITWORTH STREET WEST - Albion St to Oxford Street	Carriageway resurfacing
DEANS	WILMOTT STREET - Hulme St to Chester St	Carriageway resurfacing
DIDSE	FAIRMILE DRIVE - Full Length	Carriageway resurfacing
DIDSE	SCHOOL LANE - William Street to Kingsway	Carriageway resurfacing
DIDSE/DIDSW	WILMSLOW ROAD - School Lane to Parrs Wood Lane	Carriageway resurfacing
DIDSW	BAMFORD ROAD - Full Length	Carriageway resurfacing
DIDSW	CLAREMONT GROVE - Full Length	Carriageway resurfacing
DIDSW	HESKETH AVENUE - Full Length	Carriageway resurfacing
LEVEN	BERRIE GROVE - Full Length	Carriageway resurfacing
LEVEN	GRIFFIN GROVE - Full Length	Carriageway resurfacing
LEVEN	MAY GROVE - Full Length	Carriageway resurfacing
LONG	ALBERT GROVE - Parry Rd to CDS end	Carriageway resurfacing
LONG	EAST ROAD - Northmoor Rd to CDS end	Carriageway resurfacing
LONG	FARRANT ROAD - Full Length	Carriageway resurfacing
LONG	NORTHMOOR ROAD - Elgar St to East Rd & Kirkmanshulme La to Stanley Rd	Carriageway resurfacing
LONG	PARRY ROAD - Full Length	Carriageway resurfacing
LONG	PINK BANK LANE - Kirkmanshulme La to East Road	Carriageway resurfacing
LONG	QUEENS GROVE - Full Length	Carriageway resurfacing
LONG	RYTON AVENUE - Full Length	Carriageway resurfacing
MILES	CRAYFORD ROAD - Full Length	Carriageway resurfacing
MILES	CROWN POINT AVENUE - Full Length	Carriageway resurfacing
MOST	KIRKBY AVENUE - Full Length	Carriageway resurfacing
MOST	LAXEY STREET - Full Length	Carriageway resurfacing
MOST	MELFORD AVENUE NEVIN ROAD CUL DE SAC END	Carriageway resurfacing
MOST	NEVIN ROAD BROADWAY CUL DE SAC END	Carriageway resurfacing
MOST	RAMSEY STREET - Full Length	Carriageway resurfacing
MOST	ST GEORGES DRIVE - Full Length	Carriageway resurfacing
MOST	SULBY STREET - Full Length	Carriageway resurfacing
NORTH	BEECH AVENUE - Full Length	Carriageway resurfacing
NORTH	BOOTHFIELD ROAD - Full Length	Carriageway resurfacing
NORTH	HARPER ROAD - Full Length	Carriageway resurfacing

NORTH	ORWELL AVENUE - Full Length	Carriageway resurfacing
NORTH	ROYALTHORN ROAD - Greenwood Rd to Brownley Rd	Carriageway resurfacing
NORTH	SHAYFIELD ROAD - Full Length	Carriageway resurfacing
PICC	BARING STREET - Travis St to Mancunian Way	Carriageway resurfacing
PICC	BREWER STREET - Port Street to China Lane	Carriageway resurfacing
PICC	CORPORATION STREET / DANTZIC STREET - Aspin Lane to bridge	Carriageway resurfacing
PICC	LEVER STREET - Full Length	Carriageway resurfacing
PICC	NEWTON STREET - Dale St to Hilton St	Carriageway resurfacing
PICC	WHITWORTH STREET - London Road to Aytoun St (One Way Street)	Carriageway resurfacing
RUSH	ARGYLE AVENUE - Full Length	Carriageway resurfacing
RUSH	ASHFIELD ROAD - Full Length	Carriageway resurfacing
RUSH	AYCLIFFE GROVE - Full Length	Carriageway resurfacing
RUSH	BELGRAVE AVENUE - Full Length	Carriageway resurfacing
RUSH	BERKELEY AVENUE - Full Length	Carriageway resurfacing
RUSH	BIRCH GROVE - Full Length	Carriageway resurfacing
RUSH	BIRCH POLYGON - Full Length	Carriageway resurfacing
RUSH	CURZON AVENUE - Full Length	Carriageway resurfacing
RUSH	DENISON ROAD - Milverton Rd to Langdale Rd	Carriageway resurfacing
RUSH	HADLEY AVENUE - Full Length	Carriageway resurfacing
RUSH	HYTHE CLOSE - Full Length	Carriageway resurfacing
RUSH	KEDLESTON AVENUE - Full Length	Carriageway resurfacing
RUSH	LANGDALE ROAD - Full Length	Carriageway resurfacing
RUSH	RUSHOLME GROVE WEST - Full Length	Carriageway resurfacing
RUSH	UPPER KENT ROAD - Full Length	Carriageway resurfacing
WITH	HOVE DRIVE WALD AVENUE CUL DE SAC END	Carriageway resurfacing
WITH	LEES HALL CRESCENT / EGERTON ROAD JUNCTION	Carriageway resurfacing
WITH	WALD AVENUE KINGSWOOD ROAD TALBOT ROAD	Carriageway resurfacing
WITH/OMOAT/ FALL	WILMSLOW ROAD - Wilbraham Rd to Heaton Road	Carriageway resurfacing

Appendix 3 – Footway resurfacing / overlay programme 2018/19

Footway schemes prioritising worst condition footways on the KRN and community networks, targeting a cluster of wards each year and tying in with the road resurfacing programme where possible. Works will also include kerb repairs where necessary.

<u>New Ward (May '18)</u>	<u>Section</u>	<u>Treatment</u>
ARD	HYDE PLACE - Full Length	Footway resurfacing/overlay
BROOK	FAIRWOOD ROAD - Full Length	Footway resurfacing/overlay
BROOK	GOODWOOD AVENUE - Full Length	Footway resurfacing/overlay
BROOK	SANDILANDS ROAD - Full Length	Footway resurfacing/overlay
CHEET	CARNARVON STREET - Southall St to Pimblett St	Footway resurfacing/overlay
CHEET/CRUMP	WOODLANDS ROAD - Cheetham Hill Rd to Woodlands St	Footway resurfacing/overlay
CLAY-OP	ASHTON OLD ROAD - Capital Rd to Cornwall St	Footway resurfacing/overlay
CLAY-OP	CLAYTON LANE - Herne St to Cycle St	Footway resurfacing/overlay
CLAY-OP	MERSEY STREET - Full Length	Footway resurfacing/overlay
CLAY-OP	NORTH CRESCENT - Full Length	Footway resurfacing/overlay
CLAY-OP	SOUTH CRESCENT - Full Length	Footway resurfacing/overlay
HBLAK	BRIDGNORTH ROAD - Full Length	Footway resurfacing/overlay
HBLAK	CECIL ROAD - Victoria Ave to Mirfield Rd	Footway resurfacing/overlay
HBLAK	FLOYER ROAD - Full Length	Footway resurfacing/overlay
HBLAK	HEATHBANK ROAD - Cecil Rd to Plant Hill Rd	Footway resurfacing/overlay
HBLAK	HOPKINSON ROAD - Heathbank Rd to Mirfield Rd	Footway resurfacing/overlay
HBLAK	LONGTON ROAD - Tweedale Ave to Plant Hill Rd	Footway resurfacing/overlay
HBLAK	MANSFIELD AVENUE - Full Length	Footway resurfacing/overlay
HBLAK	MANSFIELD DRIVE - Full Length	Footway resurfacing/overlay
HBLAK	STOCKDALE ROAD - Full Length	Footway resurfacing/overlay
LONG	ALBERT GROVE - Parry Rd to CDS end	Footway resurfacing/overlay
LONG	EAST ROAD - Northmoor Rd to CDS end	Footway resurfacing/overlay
LONG	PINK BANK LANE - Totland Close to East Road (East side only)	Footway resurfacing/overlay
MOST	SULBY STREET - Full Length	Footway resurfacing/overlay
RUSH	HYTHE CLOSE - Full Length	Footway resurfacing/overlay
WHALR	CLARENDON ROAD - Park Drive to Withington Rd	Footway resurfacing/overlay

Appendix 4 – Preventative treatment programme 2018/19

Targeting about 8 Wards each year (different from those in the resurfacing programme) and selecting all roads suitable for these treatments (predominantly mid-life condition) within each Ward. Works usually involves overlaying the existing surface, although an element of pre-patching to repair failed areas may be necessary.

<u>New Ward (May '18)</u>	<u>Section</u>	<u>Treatment</u>
ARD	DEVONSHIRE STREET SOUTH - Plymouth Grove to Stockport Road	Carriageway overlay
ARD	GRINDLOW STREET - Plymouth Gr to Stockport Rd	Carriageway overlay
ARD	KNIVETON ROAD - Full Length	Carriageway overlay
ARD	MILNROW CLOSE - Full Length	Carriageway overlay
ARD	PLYMOUTH GROVE - Full Length	Carriageway overlay
BAG/BROOK	SOUTHMOOR ROAD - Ledson Road to Timpson Road	Carriageway overlay
BROOK	BUTCHER LANE - Full Length	Carriageway overlay
BROOK	PETERSFIELD DRIVE - Full Length	Carriageway overlay
BROOK	SANDY LANE - Full Length	Carriageway overlay
BROOK	THORNGROVE AVENUE - Full Length	Carriageway overlay
BROOK	VIRGINIA CLOSE - Full Length (include with Butcher Lane)	Carriageway overlay
BROOK	WADEBRIDGE AVENUE - Full Length	Carriageway overlay
BURN	AVON ROAD - Burnage La to Errwood Rd	Carriageway overlay
BURN	BARCICROFT ROAD - Kingsway to Burnage Lane	Carriageway overlay
BURN	BRIARFIELD ROAD - Kingsway to Parrs Wood Road	Carriageway overlay
BURN	BURNBRAY AVENUE - Kingsway to Cul-de-sac end	Carriageway overlay
BURN	ERRWOOD ROAD - Mauldeth Rd to Crossley Rd	Carriageway overlay
BURN	FIRETHORN AVENUE - Full Length	Carriageway overlay
BURN	GRANGETHORPE DRIVE - Full Length	Carriageway overlay
BURN	HYDE FOLD CLOSE - Bibby Lane to Cul-de-sac end	Carriageway overlay
BURN	MAULDETH ROAD - Kingsway to Burnage Lane	Carriageway overlay
BURN	MAY DRIVE - Avon Road to Arbor Avenue	Carriageway overlay
BURN	MOORCROFT DRIVE - Full Length	Carriageway overlay
BURN	MOORTON AVENUE - Crossley Rd to Cul-de-sac end	Carriageway overlay
BURN	MOORTON PARK - Moorton Avenue to Cul-de-sac end	Carriageway overlay
BURN	OAKLEIGH AVENUE - Burnage Lane to Moorton Avenue	Carriageway overlay
BURN	PEARN AVENUE - Pearn Road to Cul-de-sac end	Carriageway overlay
BURN	PEARN ROAD - Burnage Lane to Cul-de-sac end	Carriageway overlay
BURN	SOUTHBANK ROAD - Kingsway to Southlea Rd	Carriageway overlay
BURN	SOUTHLEA ROAD - Kingsway to Parrs Wood Road	Carriageway overlay
BURN	WESTDALE GDNS - Shawbrook Road (E) Shawbrook Road (W)	Carriageway overlay
BURN	WOODBAY AVENUE - Kingsway to Cul-de-sac end	Carriageway overlay
BURN	WOODSIDE AVENUE - Errwood Road to Cul-de-sac end	Carriageway overlay
BURN	WOODVIEW AVENUE - Errwood Road to Cul-de-sac end	Carriageway overlay
BURN/LEVEN	CROSSLEY ROAD - Full Length	Carriageway overlay
CHARL	BENMORE ROAD - Full Length	Carriageway overlay
CHARL	CULLEN GROVE - Full length	Carriageway overlay
CHARL	LANDER GROVE - Full Length	Carriageway overlay
CHARL	RANBY AVENUE - Full Length	Carriageway overlay
CHARL	SOUTHDOWN CRESCENT - Full Length	Carriageway overlay
CHEET	ALLISON STREET - Full Length	Carriageway overlay
CHEET	BALMFIELD STREET - Full Length	Carriageway overlay

CHORP	WINTERBURN AVENUE - Full Length	Carriageway overlay
CLAY-OP	EASTERN BY-PASS - Full Length	Carriageway overlay
CLAY-OP	EASTERN BY PASS - Schofield St to Canberra Street	Carriageway overlay
CLAY-OP/MILES	BANK BRIDGE ROAD - Bank Street to Riverpark Road	Carriageway overlay
CRUMP	ARDERN ROAD - Full Length	Carriageway overlay
CRUMP	ASH TREE ROAD - Full Length	Carriageway overlay
CRUMP	BENNETT ROAD - Full Length	Carriageway overlay
CRUMP	BOWKER BANK AVENUE - Full Length	Carriageway overlay
CRUMP	BROOKFIELD ROAD - Full Length	Carriageway overlay
CRUMP	BROOKLANDS ROAD - Cedric Rd to Middleton Rd	Carriageway overlay
CRUMP	BROOKWOOD AVENUE - Crescent Road to Cul-de-sac end	Carriageway overlay
CRUMP	BRYNORME ROAD - Answell Avenue to Birwood Rd	Carriageway overlay
CRUMP	CATHERINE ROAD - Full Length	Carriageway overlay
CRUMP	CEDRIC ROAD - Full Length	Carriageway overlay
CRUMP	CENTRAL DRIVE - Delaunay's Road to Crescent Drive	Carriageway overlay
CRUMP	CHARMINSTER DRIVE - Full Length	Carriageway overlay
CRUMP	CHATAWAY ROAD - Hazelbotton Road to Crescent Road	Carriageway overlay
CRUMP	CHUDLEIGH ROAD - Mariman Dr to Birwood Rd	Carriageway overlay
CRUMP	CLAUDE STREET - Cul-de-sac end (W) to Cul-de-sac end (E)	Carriageway overlay
CRUMP	CLIFFDALE DRIVE - Full Length	Carriageway overlay
CRUMP	COTTESMORE DRIVE - Crescent Road to Cul-de-sac end	Carriageway overlay
CRUMP	CRAVENWOOD ROAD - Full Length	Carriageway overlay
CRUMP	CRESCENT AVENUE - Crescent Road to Moss Bank	Carriageway overlay
CRUMP	CRUMPSALL LANE - Station Road to Delaunay's Road	Carriageway overlay
CRUMP	DELAUNAYS ROAD - Full Length	Carriageway overlay
CRUMP	EADINGTON STREET - Lansdowne Rd to Cul-de-sac end	Carriageway overlay
CRUMP	EDILOM ROAD - Full Length	Carriageway overlay
CRUMP	FRASER ROAD - Full Length	Carriageway overlay
CRUMP	GERALD AVENUE - Full Length	Carriageway overlay
CRUMP	HANLON STREET - Arlington Street to Cul-de-sac end (E)	Carriageway overlay
CRUMP	HAVERSHAM ROAD - Full Length	Carriageway overlay
CRUMP	HERRISTONE ROAD - Full Length	Carriageway overlay
CRUMP	HILLCROFT CLOSE - Sefton St to Cul-de-sac end	Carriageway overlay
CRUMP	INGLETON AVENUE - Cleveland Rd to Delaunay's Road	Carriageway overlay
CRUMP	KEARSLEY ROAD - Full Length	Carriageway overlay
CRUMP	LINN STREET - Full Length	Carriageway overlay
CRUMP	MAUREEN AVENUE - Full Length	Carriageway overlay
CRUMP	MAWDESLEY DRIVE - Full Length	Carriageway overlay
CRUMP	MELTON ROAD - Full Length	Carriageway overlay
CRUMP	MIDDLETON ROAD Catherine Rd to Railway Bridge	Carriageway overlay
CRUMP	MOORSIDE ROAD - Full Length	Carriageway overlay
CRUMP	MOSS BANK - Crescent Road to Cul-de-sac end	Carriageway overlay
CRUMP	MOXLEY ROAD - Melton Rd to Middleton Rd	Carriageway overlay
CRUMP	NUNTHORPE DRIVE - Crescent Road to Cul-de-sac end	Carriageway overlay
CRUMP	PLYMTREE CLOSE - Full Length	Carriageway overlay
CRUMP	POLYGON ROAD - Eaton Rd to Crumpsall Lane	Carriageway overlay
CRUMP	RECTORY ROAD - Crumpsall Lane to Seymour Rd	Carriageway overlay
CRUMP	ROTHESAY ROAD / HUNTLEY ROAD - Full Length	Carriageway overlay
CRUMP	SAINT MARYS HALL ROAD - Full Length	Carriageway overlay

CRUMP	SEDGLEY ROAD - Full Length	Carriageway overlay
CRUMP	SEYMOUR ROAD - Full Length	Carriageway overlay
CRUMP	STAKEFORD DRIVE - Full Length	Carriageway overlay
CRUMP	STATION ROAD - Full Length	Carriageway overlay
CRUMP	TANSLEY ROAD - Full Length	Carriageway overlay
CRUMP	THOMAS STREET - Bury Old Road to a point 65m East	Carriageway overlay
CRUMP	TRACEY STREET - Cravenwood Rd to Claude St	Carriageway overlay
CRUMP	WHISTON ROAD - Full Length	Carriageway overlay
CRUMP	WOODFIELD ROAD - Lansdowne Rd to Ash Tree Rd	Carriageway overlay
DEANS	BRIDGEWATER STREET - Deansgate to Collier Street	Carriageway overlay
DEANS	TRINITY WAY - Cheetham Hill Road to Salford Bdy (W/B)	Carriageway overlay
DIDSE/BURN	KINGSWAY - Barcicroft Rd to Manchester Boundary	Carriageway overlay
DIDSE/WITH/BURN	PARRS WOOD ROAD - Wilmslow Road to Mauldeth Road	Carriageway overlay
FALL	ASTON AVENUE - Full Length	Carriageway overlay
FALL	BARNSTON AVENUE - Platt Lane to Cul-de-sac end	Carriageway overlay
FALL	BIDSTON AVENUE - Platt Lane to Cul-de-sac end	Carriageway overlay
FALL	CARILL DRIVE - Moseley Road to Wilmslow Road	Carriageway overlay
FALL	CAXTON ROAD - Wilbraham Rd to Cul-de-sac end	Carriageway overlay
FALL	CHURTON AVENUE - Platt Lane to Cul-de-sac end	Carriageway overlay
FALL	CLINTON AVENUE - Full Length	Carriageway overlay
FALL	COMPSTALL AVENUE - Whitmore Road to Cul-de-sac end	Carriageway overlay
FALL	COMPSTALL AVENUE - Whitmore Road to Cul-de-sac end	Carriageway overlay
FALL	CONGLETON AVENUE - Rosedale Road to Cul-de-sac end	Carriageway overlay
FALL	HOLFORD AVENUE - Platt Lane to Cul-de-sac end	Carriageway overlay
FALL	LLOYD STREET SOUTH - Wilbraham Rd to Hart Rd	Carriageway overlay
FALL	PLATTBROOK CLOSE - Hart Rd to Cul-de-sac end	Carriageway overlay
FALL	REDMERE GROVE - Sherwood Street to Cargill Close	Carriageway overlay
FALL	SCARGILL CLOSE - Redmere Grove to Cul-de-sac end	Carriageway overlay
FALL	THELWALL AVENUE - Netherton Rd to Cul-de-sac end	Carriageway overlay
FALL	WALLER AVENUE - Wellington Road to Cul-de-sac end	Carriageway overlay
FALL	WILBRAHAM ROAD - Princess Road to Yew Tree Road	Carriageway overlay
FALL/LEVEN	MOSELEY ROAD - Full Length	Carriageway overlay
HARP	CAMBRIDGE ROAD - Full Length	Carriageway overlay
HARP	COLLYHURST ROAD - Queens Rd to Smedley Rd	Carriageway overlay
HARP	CUMBERLAND ROAD - Full Length	Carriageway overlay
HARP	EGGINGTON STREET - Full Length	Carriageway overlay
HARP	SIDMOUTH DRIVE - Full Length	Carriageway overlay
HARP	WILSON ROAD - Full Length	Carriageway overlay
HARP/CRUMP	HARPURHEY ROAD - Waterloo Street to Lamp Column 21	Carriageway overlay
HBLAK	BUCKLAND AVENUE - Full Length	Carriageway overlay
HBLAK	CARLEY GROVE - Full Length	Carriageway overlay
HBLAK	CASTLEMERE ROAD - Full Length	Carriageway overlay
HBLAK	CHAPEL HILL DRIVE - Full Length	Carriageway overlay
HBLAK	CHAPEL LANE - Full Length	Carriageway overlay
HBLAK	ELLBOURNE ROAD - Full Length	Carriageway overlay
HBLAK	FRENCH BARN LANE - Pike Fold School to Hill Lane	Carriageway overlay
HBLAK	HIGHCLIFFE ROAD - Full Length	Carriageway overlay
HBLAK	HILL CRESCENT - Full Length	Carriageway overlay
HBLAK	OAKWORTH STREET - Old Market Street to Cobble Bank	Carriageway overlay
HBLAK	RAYSON HILL DRIVE - Full Length	Carriageway overlay
HBLAK	SILVERLEA DRIVE - Chapel Lane to Surrey Street	Carriageway overlay

HBLAK	SURREY STREET - Blackley New Road to Cul-de-sac end	Carriageway overlay
HBLAK	WROXHAM ROAD - Full Length	Carriageway overlay
HULME	BONSALL STREET - Full Length	Carriageway overlay
HULME	BOUNDARY LANE - Cavendish St to Booth St West	Carriageway overlay
HULME	BURLINGTON STREET - Greenheys Lane to Lloyd Street North	Carriageway overlay
HULME	CAVENDISH STREET - Higher Ormond St to Oxford Road	Carriageway overlay
HULME	CHARLES HALLE ROAD - Greenheys Lane to Denmark Road	Carriageway overlay
HULME	CHEVRIL CLOSE - Knowles Place to Cul-de-sac end	Carriageway overlay
HULME	CHICHESTER ROAD - Bold Street to Old Birley Street	Carriageway overlay
HULME	CHORLTON ROAD - City Rd to subway (N)	Carriageway overlay
HULME	CHORLTON ROAD - Stretford Road to Royce Road	Carriageway overlay
HULME	COUPLAND STREET - Higher Cambridge St to Cul-de-sac end	Carriageway overlay
HULME	DEVAS STREET - Brisbane Street to Oxford Street	Carriageway overlay
HULME	ELVERDON CLOSE - Shearsby Close to Cul-de-sac end	Carriageway overlay
HULME	ERSKINE STREET - Cul-de-sac end (S) to Stretford Road	Carriageway overlay
HULME	GREENHEYS LANE - Burlington Street to Princess Road	Carriageway overlay
HULME	GREENHEYS LANE WEST - Chichester Road to Princess Road	Carriageway overlay
HULME	HULME STREET - Jackson Cres to Hunmanby Ave	Carriageway overlay
HULME	HUNMANBY AVENUE - Clarendon Street to Cul-de-sac end	Carriageway overlay
HULME	LOXFORD STREET - Newbold Close to Cul-de-sac end	Carriageway overlay
HULME	NEWCASTLE STREET - Loxford Street to Cul-de-sac end	Carriageway overlay
HULME	RIPON STREET - Charles Halle Road to Cul-de-sac end	Carriageway overlay
HULME	ROLLS CRESCENT - Full Length	Carriageway overlay
HULME	ROLLS CRESCENT - Full Length	Carriageway overlay
HULME	ROYCE ROAD - Full Length	Carriageway overlay
HULME	SHEARSBY CLOSE - Full Length	Carriageway overlay
HULME	SHEARSBY CLOSE - Full Length	Carriageway overlay
HULME	STONELOW CLOSE - Bonsall Street to Cul-de-sac end	Carriageway overlay
HULME	STRETFORD ROAD - Princess Rd to Chorlton Rd	Carriageway overlay
HULME	TATTON STREET - Nancy Street to Barrack Street	Carriageway overlay
HULME	WATER STREET - Dawson Street to Cul-de-sac end	Carriageway overlay
HULME	WINCHAM CLOSE - Shawgreen Close to Cul-de-sac end	Carriageway overlay
LEVEN	AGNES STREET - Full Length	Carriageway overlay
LEVEN	BARLOW ROAD - Stockport Rd to Cromwell Gr	Carriageway overlay
LEVEN	BROOK AVENUE - Full Length	Carriageway overlay
LEVEN	CARNEGIE AVENUE - Full Length	Carriageway overlay
LEVEN	CHAPEL STREET - Full Length	Carriageway overlay
LEVEN	CLEVELAND AVENUE - Full Length	Carriageway overlay
LEVEN	DEEPCARR STREET - Full Length	Carriageway overlay
LEVEN	GARFIELD AVENUE - Full Length	Carriageway overlay
LEVEN	GREENING ROAD - Full Length	Carriageway overlay
LEVEN	GUILDFORD ROAD - Full Length	Carriageway overlay
LEVEN	HORNBEAM ROAD - Full Length	Carriageway overlay
LEVEN	KETTERING ROAD - Full Length	Carriageway overlay
LEVEN	LINCOLN AVENUE - Full Length	Carriageway overlay
LEVEN	LONSDALE ROAD - Full Length	Carriageway overlay
LEVEN	MAYFORD ROAD - Full Length	Carriageway overlay
LEVEN	RANDOLPH STREET - Full Length	Carriageway overlay
LEVEN	RUSHDEN ROAD - Full Length	Carriageway overlay
LEVEN	ST OSWALDS ROAD - Full Length	Carriageway overlay
LEVEN/FALL	ALBERT ROAD - Full Length	Carriageway overlay
LONG	ATTWOOD STREET - Full Length	Carriageway overlay

LONG	CALBOURNE CRESCENT - Full Length	Carriageway overlay
LONG	COLLIN AVENUE - Grisedale Cl to Darras Rd	Carriageway overlay
LONG	DARRAS ROAD - Full Length	Carriageway overlay
LONG	GRAINGER AVENUE - Full Length	Carriageway overlay
LONG	HATTON STREET - Full Length	Carriageway overlay
LONG	HOPKINS STREET - Full Length	Carriageway overlay
LONG	MACFARREN STREET - Full Length	Carriageway overlay
LONG	RUSHFORD STREET - Full Length	Carriageway overlay
LONG	SMART STREET - Full Length	Carriageway overlay
LONG	SULLIVAN STREET - Full Length	Carriageway overlay
LONG	TOTLAND CLOSE - Full Length	Carriageway overlay
LONG	UNWIN AVENUE - Full Length	Carriageway overlay
MILES	BOTHWELL ROAD - Full Length	Carriageway overlay
MILES	CLOVELLY STREET - Full Length	Carriageway overlay
MILES	CRAWFORD STREET - Full Length	Carriageway overlay
MILES	HEATHFIELD STREET - Full Length	Carriageway overlay
MILES	TEIGNMOUTH AVENUE - Full Length	Carriageway overlay
MILES	VARLEY STREET - Oldham Road to Rochdale Canal	Carriageway overlay
MILES	WALLIS STREET - Full Length	Carriageway overlay
MOST	ARBORY AVENUE - Full Length	Carriageway overlay
MOST	LIZMAR TERRACE - Full Length	Carriageway overlay
MOST	WILDCROFT AVENUE - Full Length	Carriageway overlay
NORTH	KENWORTHY LANE - Yew Tree Lane to Palatine Rd	Carriageway overlay
OMOAT	BOSLEY AVENUE - Mauldeth Road West to Hassall Avenue	Carriageway overlay
OMOAT	BURTON AVENUE - Everett Rd to Cul-de-sac end	Carriageway overlay
OMOAT	DARNALL AVENUE - Mauldeth Road West to Cul-de-sac end	Carriageway overlay
OMOAT	DAVENPORT AVENUE - Hill Street to Wilmslow Road	Carriageway overlay
OMOAT	DEIGHTON AVENUE - Mauldeth Road West to Deepdale Ave	Carriageway overlay
OMOAT	DERMOT MURPHY CLOSE - Minehead Avenue to Cul-de-sac end	Carriageway overlay
OMOAT	EAST HOPE CLOSE - Davenport Ave to Cul-de-sac end	Carriageway overlay
OMOAT	EVERETT ROAD - Full Length	Carriageway overlay
OMOAT	FARRINGTON AVENUE - Whitchurch Road to Cul-de-sac end	Carriageway overlay
OMOAT	HOUGH ROAD - Ashford Road to Old Moat Lane	Carriageway overlay
OMOAT	LYNMOUTH AVENUE - Golborne Avenue to Minehead Avenue	Carriageway overlay
OMOAT	MAULDETH ROAD WEST - Princess Road to Wilmslow Road	Carriageway overlay
OMOAT	MORNINGTON CRESCENT - Full Length	Carriageway overlay
OMOAT	SAINT BRENDANS ROAD NORTH - Old Moat Lane to Cul-de-sac end	Carriageway overlay
OMOAT	SAINT CATHERINE'S ROAD - Old Moat Lane to Cul-de-sac end	Carriageway overlay
OMOAT	THURSBY AVENUE - Ridsdale Ave to Cul-de-sac end	Carriageway overlay
OMOAT	WILLOW BANK - Wilmslow Road to Cul-de-sac end	Carriageway overlay
OMOAT	WRENBURY AVENUE - Saltney Avenue (N) to Saltney Avenue (S)	Carriageway overlay
OMOAT/DIDSW	BURTON ROAD - Palatine Road to Lapwing Lane	Carriageway overlay
OMOAT/FALL	WELLINGTON ROAD - Mauldeth Road West to Wilbraham Road	Carriageway overlay
PICC	TARIFF STREET - Brewer Street to canal	Carriageway overlay
WHALR	SHUTTLEWORTH CLOSE - Nettleford Road to Cul-de-sac end	Carriageway overlay
WITH	ALAN ROAD - Heyscroft Road to School Grove	Carriageway overlay
WITH	BEVERLY ROAD - Full Length	Carriageway overlay
WITH	BROOK ROAD - Full Length	Carriageway overlay
WITH	CLIFTON AVENUE - Brook Rd to Egerton Rd	Carriageway overlay
WITH	DELAINE ROAD - Alan Road to Heaton Rd	Carriageway overlay
WITH	EGERTON CRESCENT - Wilmslow Rd to Parsonage Rd	Carriageway overlay
WITH	EGERTON ROAD - Brook Road to Wilmslow Road	Carriageway overlay

WITH	FAIRHOLME ROAD - Full Length	Carriageway overlay
WITH	HATHERLEY ROAD - School Grove to Parsonage Rd	Carriageway overlay
WITH	HEADINGLEY ROAD - Ladybarn Lane to Holcombe Road	Carriageway overlay
WITH	HEATHSIDE ROAD - Parrs Wood Road to Heyscroft Road	Carriageway overlay
WITH	HEYSCROFT ROAD - Heathside Road to Cotton Lane	Carriageway overlay
WITH	HOLCOMBE ROAD - Edgeworth Drive to Kingswood Road	Carriageway overlay
WITH	KINGSWOOD ROAD - Ladybarn Lane to Kingsway	Carriageway overlay
WITH	LATHOM ROAD - Parsonage Rd to Mauldeth Road	Carriageway overlay
WITH	PRIDMOUTH ROAD - Alan Road to Heaton Road	Carriageway overlay
WITH	RICHMOND ROAD - Ladybarn Lane to Cul-de-sac end	Carriageway overlay
WITH	ROYLE STREET - Ladybarn Lane to Egerton Road	Carriageway overlay
WITH	SAINT CHADS ROAD - Parsonage Rd to Mauldeth Road	Carriageway overlay
WITH	SCHOOL GROVE - Full Length	Carriageway overlay
WITH	SHERINGHAM ROAD - Mauldeth Road to Derby Road	Carriageway overlay
WITH	SHIREOAK ROAD - Mauldeth Road to Parsonage Rd	Carriageway overlay
WITH	STEPHENS ROAD - Full Length	Carriageway overlay
WITH	TALBOT ROAD - Mauldeth Road to Green Street	Carriageway overlay
WITH	WHITBY ROAD - Ladybarn Lane to Whitby Avenue	Carriageway overlay
WITH	WILMSLOW ROAD - Burton Road to Mauldeth Road West	Carriageway overlay
WITH/BURN	MAULDETH ROAD - Wilmslow Road to Burnage lane	Carriageway overlay
WITH/FALL	LADYBARN LANE - Full Length	Carriageway overlay

Appendix 5 – Carriageway resurfacing programme 2019/20

Road resurfacing programme – using the principles outlined in the Highway Asset Management Strategy, prioritising the worst condition roads on the Key Route and Community Networks and targeting several wards in the North, Central area and the South. This approach will reduce set-up costs and help delivery in terms of coordinating diversion routes and reducing disruption. Works involve removing the existing failed road surface and laying a new one.

<u>New Ward (May '18)</u>	<u>Section</u>	<u>Treatment</u>
BAG	CLAY LANE - Floats Road to Barnacre Avenue	Carriageway resurfacing
BAG	NEARCROFT ROAD - Full Length	Carriageway resurfacing
BAG	WELLFIELD ROAD - Full Length	Carriageway resurfacing
CHARL	CLOUGH TOP ROAD - Full Length	Carriageway resurfacing
CHARL	DALHAM AVENUE - Full Length	Carriageway resurfacing
CHARL	LAKE VIEW - Full Length	Carriageway resurfacing
CHARL	PINFOLD AVENUE - Full Length	Carriageway resurfacing
CHARL	RAYCROFT AVENUE - Full Length	Carriageway resurfacing
CHARL	RIMMINGTON CLOSE - Full Length	Carriageway resurfacing
CHARL	WEYBOURNE AVENUE - Full Length	Carriageway resurfacing
CHARL	HORNCastle ROAD - Full Length	Carriageway resurfacing
CHORL	BUCKINGHAM ROAD - Full Length	Carriageway resurfacing
CHORL	GRANGE ROAD - Full Length	Carriageway resurfacing
CHORL	MANLEY ROAD - Buckingham Rd to Egerton Rd North	Carriageway resurfacing
CHORL	WESTFIELD ROAD - Full Length	Carriageway resurfacing
CHORP	BRUNDRETTs ROAD - Full Length	Carriageway resurfacing
CHORP	FORMBY AVENUE - Full length	Carriageway resurfacing
CHORP	REGAN AVENUE - Full Length	Carriageway resurfacing
CHORP	VICKER GROVE - Full Length	Carriageway resurfacing
CHORP	WELLER AVENUE - Full Length	Carriageway resurfacing
CHORP	WHARTON AVENUE - Full Length	Carriageway resurfacing
CHORP	CLEVELEYS AVENUE - Sandy Lane to Cul-de-sac end	Carriageway resurfacing
CHORP	ANSDELL AVENUE - Sandy Lane to Annes Road	Carriageway resurfacing
CHORP	NORBRECK AVENUE - Annes Road to Cul-de-sac end	Carriageway resurfacing
CHORP	NELL LANE / ST WERBURGHs RD - Egerton Rd South to Mauldeth Rd West	Carriageway resurfacing
CRUMP	BLANWOOD DRIVE - Full Length	Carriageway resurfacing
CRUMP	FROME DRIVE - Full Length	Carriageway resurfacing
CRUMP	GLENMORE DRIVE - Full Length	Carriageway resurfacing
CRUMP	HAZELBOTTOM ROAD - Smedley Lane to Harpurhey Road	Carriageway resurfacing
CRUMP	BOARDMAN ROAD - Full Length	Carriageway resurfacing
CRUMP	CRESCENT ROAD - Bury Old Rd to Chataway Road	Carriageway resurfacing
CRUMP	DALES AVENUE - Full Length	Carriageway resurfacing
CRUMP	ENVER ROAD - Full Length	Carriageway resurfacing
CRUMP	HALLWORTH ROAD - Full Length	Carriageway resurfacing
CRUMP	HIGHCLERE ROAD - Full Length	Carriageway resurfacing
CRUMP	KINGS AVENUE - Full Length	Carriageway resurfacing
CRUMP	SHERDLEY ROAD - Full Length	Carriageway resurfacing
CRUMP	WELLINGTON ROAD - Full Length	Carriageway resurfacing
CRUMP/CHEET	WOODLANDS ROAD - No.83 to Hazelbottom Road	Carriageway resurfacing
DIDSW	DANESMOOR ROAD - Palatine Road to Cul-de-sac end	Carriageway resurfacing

DIDSW	LYNDHURST ROAD - Lapwing Lane to Danesmoor Road	Carriageway resurfacing
DIDSW	SAINT ALDWYNS ROAD - Ballbrook Ave to Danesmoor Road	Carriageway resurfacing
DIDSW	REDCLYFFE ROAD - Danesmoor Road to Ballbrook Avenue	Carriageway resurfacing
DIDSW	REDCLYFFE AVENUE - Lower Park Road to Cul-de-sac end	Carriageway resurfacing
FALL	BRAEMAR ROAD - Lindleywood Road to Balmoral Road	Carriageway resurfacing
FALL	BRAILSFORD ROAD - Lindleywood Road to Balmoral Road	Carriageway resurfacing
FALL	LYNTON STREET	Carriageway resurfacing
FALL	ROSFORD AVENUE	Carriageway resurfacing
FALL	TINTERN STREET	Carriageway resurfacing
FALL/MOSS	ROSEDALE ROAD - Full Length	Carriageway resurfacing
GORT-ABB	BREAD STREET - Full Length	Carriageway resurfacing
GORT-ABB	CORRIGAN STREET - Full Length	Carriageway resurfacing
GORT-ABB	FIELD STREET - Full Length	Carriageway resurfacing
GORT-ABB	FRESHWATER STREET - Full Length	Carriageway resurfacing
GORT-ABB	GARRETT WAY - Cambert La to Gymnastics Inst. CP	Carriageway resurfacing
GORT-ABB	GATHURST STREET - Full Length	Carriageway resurfacing
GORT-ABB	GIDLOW STREET - Full Length	Carriageway resurfacing
GORT-ABB	GODWIN STREET - Full Length	Carriageway resurfacing
GORT-ABB	LEES STREET - Constable St to Abbey Hey La	Carriageway resurfacing
GORT-ABB	LONG STREET - Full Length	Carriageway resurfacing
GORT-ABB	MONMOUTH STREET - Full Length	Carriageway resurfacing
GORT-ABB	RUMBOLD STREET - Full Length	Carriageway resurfacing
GORT-ABB	RUTLAND STREET - Full Length	Carriageway resurfacing
GORT-ABB	UNDERWOOD CLOSE - Full Length	Carriageway resurfacing
GORT-ABB	GLENCASTLE ROAD - Levenshulme Rd to Knutsford Rd	Carriageway resurfacing
GORT-ABB	LEVENSHULME ROAD - Ryder Brow Rd to Brookhurst Rd	Carriageway resurfacing
HARP	BARNSTAPLE DRIVE - Full Length	Carriageway resurfacing
HARP	FENHAM CLOSE - Full Length	Carriageway resurfacing
HARP	GLENDOWER DRIVE - Full Length	Carriageway resurfacing
HARP	PHELAN CLOSE - Full Length	Carriageway resurfacing
HARP	RIBBLESDALE DRIVE - Full Length	Carriageway resurfacing
HARP	RUTHERGLADE CLOSE - Full Length	Carriageway resurfacing
HARP	SHIREGREEN AVENUE - Full Length	Carriageway resurfacing
HARP	TARVINGTON CLOSE - Full Length	Carriageway resurfacing
HARP	SURREY ROAD - Full Length	Carriageway resurfacing
HARP	ALDERSIDE ROAD - Full Length	Carriageway resurfacing
HARP	ALFRED STREET - Full Length	Carriageway resurfacing
HARP	CONINGSBY DRIVE - Full Length	Carriageway resurfacing
HARP	FERNCLOUGH ROAD - Shiredale Dr to Lathbury Rd	Carriageway resurfacing
HARP	GRANGEWOOD DRIVE - Full Length	Carriageway resurfacing
HARP	HERTFORD ROAD - Full Length	Carriageway resurfacing
HARP	LATHBURY ROAD - Monsall St to No.362	Carriageway resurfacing
HARP	PRESCOTT ROAD - Full Length	Carriageway resurfacing
HARP	SMALLFIELD DRIVE - Full Length	Carriageway resurfacing
HULME	BRUNSWICK STREET - Oxford St to Upper Brook St	Carriageway resurfacing
HULME	DILWORTH STREET - Full Length	Carriageway resurfacing
HULME	LINBY STREET - Full Length	Carriageway resurfacing

HULME	ST WILFREDS STREET / BIRCHVALE CLOSE - Colin Murphy Rd to CDS end	Carriageway resurfacing
HULME	STRETFORD ROAD - Chorlton Rd to Trafford boundary	Carriageway resurfacing
HULME	YORK STREET - Full Length	Carriageway resurfacing
LEVEN	LIVESEY STREET - Clare Road to Eastholme Drive	Carriageway resurfacing
LEVEN	HAWLEY STREET - Henderson St to Livesey St	Carriageway resurfacing
LEVEN	POPLAR AVENUE - Henderson St to Livesey St	Carriageway resurfacing
LEVEN	LANGTHORNE STREET - Henderson St to Livesey St	Carriageway resurfacing
LEVEN	EASTHOLME DRIVE - Henderson St to Livesey St	Carriageway resurfacing
MILES	LORD NORTH STREET - Full Length	Carriageway resurfacing
MILES	EDENBRIDGE ROAD - Full Length	Carriageway resurfacing
MILES	HALLAM ROAD - Full Length	Carriageway resurfacing
MILES	NEW ALLEN STREET - Full Length	Carriageway resurfacing
MILES	SURBITON ROAD - Full Length	Carriageway resurfacing
MILES	TEN ACRES LANE - Rosebank Road to Briscoe Lane	Carriageway resurfacing
MILES/PICC	LIVESEY STREET - Full Length	Carriageway resurfacing
MOSS	CARLTON AVENUE - Full Length	Carriageway resurfacing
MOSS	PRINCESS ROAD - Moss La East to Gt Western St (S/B Cway)	Carriageway resurfacing
MOSS	ASPINALL STREET - Full Length	Carriageway resurfacing
WITH	DERBY ROAD - Wilmslow Road to Egerton Road	Carriageway resurfacing

Appendix 6 – Footway resurfacing / overlay programme 2019/20

Footway schemes prioritising worst condition footways on the KRN and community networks, targeting a cluster of wards each year and tying in with the road resurfacing programme where possible. Works will also include kerb repairs where necessary.

<u>New Ward (May '18)</u>	<u>Section</u>	<u>Treatment</u>
CHORL	EDGE LANE - Manchester Rd to Trafford Boundary	Footway resurfacing/overlay
CHORL	WILBRAHAM ROAD - Egerton Rd North to St Werbergh's Rd (North side)	Footway resurfacing/overlay
CHORL/CHORP	HIGH LANE - Manchester Road to Barlow Moor Road	Footway resurfacing/overlay
CHORP	FORMBY AVENUE - Full length	Footway resurfacing/overlay
CHORP	REGAN AVENUE - Full Length	Footway resurfacing/overlay
CRUMP	BLANWOOD DRIVE - Full Length	Footway resurfacing/overlay
CRUMP	BOARDMAN ROAD - Ardern Rd to Wilton Rd	Footway resurfacing/overlay
CRUMP	HAVERSHAM ROAD - Rothesay Rd to Cedric Rd	Footway resurfacing/overlay
CRUMP	HIGHCLERE ROAD - Belhaven Rd to Boardman Rd	Footway resurfacing/overlay
CRUMP	HUNTLEY ROAD - Rothesay Rd to Cedric Rd	Footway resurfacing/overlay
CRUMP	MOORLAND AVENUE - Full Length	Footway resurfacing/overlay
FALL	HART ROAD - Lloyd St South to Yew Tree Rd	Footway resurfacing/overlay
FALL	NANTWICH ROAD - Full Length	Footway resurfacing/overlay
GORT-ABB	GARRETT WAY - Cambert La to Hampden Cres	Footway resurfacing/overlay
GORT-ABB	UNDERWOOD CLOSE - Full Length	Footway resurfacing/overlay
GORT-ABB/LONG	LEVENSHULME ROAD - Brookhurst Rd to Hemsworth Rd	Footway resurfacing/overlay
HARP	ALDERSIDE ROAD - Full Length	Footway resurfacing/overlay
HARP	ALFRED STREET - Full Length	Footway resurfacing/overlay
HARP	CHURCH LANE - Upper Conran St to Ravine Ave	Footway resurfacing/overlay
HARP	CONINGSBY DRIVE - Full Length	Footway resurfacing/overlay
HARP	GRANGEWOOD DRIVE - Full Length	Footway resurfacing/overlay
MILES	BRISCOE LANE - Hallam Road to Old Church Street	Footway resurfacing/overlay
MILES	OLDHAM ROAD - Butler St to Fir St	Footway resurfacing/overlay
MOSS	ASPINALL STREET - Full Length	Footway resurfacing/overlay