

**Report of Highways Asset Manager**

**Report to The Chief Officer (Highways and Transportation)**

**Date: 10 March 2020**

**Subject: Highways Infrastructure Maintenance Programmes 2020/21**

**Capital Scheme Numbers: 99508, 99509 & 32825**

Are specific electoral Wards affected? If relevant, name(s) of Ward(s): All	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Has consultation been carried out?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Are there implications for equality and diversity and cohesion and integration?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Is the decision eligible for Call-In?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the report contain confidential or exempt information? If relevant, Access to Information Procedure Rule number: Appendix number:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

**Summary**

**1. Main issues**

- The purpose of this report is to seek authority to incur expenditure to the limit of the available budget and to add the schemes shown in the Appendices B & C to this report to the Highway Infrastructure Maintenance Capital Programme for 2020/21.
- The Councils highway infrastructure assets are continually monitored for condition and maintenance needs. Prioritised planned maintenance and strengthening programmes are developed to maintain the assets in a safe and serviceable condition appropriate for their use together with a view to minimising whole life costs.
- This report presents the programme of highway infrastructure maintenance (highways and highway structures) for the 2020/21 financial year to meet the best council priority.
- The capital funding available for highway infrastructure maintenance in 2020/21 is £23,759,000. This report is based on the anticipation of funding received from Central Government being the same as in 2019/20, if this amount of funding is not forthcoming the programmed will be trimmed to suit the available funding, if it is exceeded then works can be brought forward from those shown in Appendix B3

**2. Best Council Plan Implications** (click [here](#) for the latest version of the Best Council Plan)

- The maintenance works identified in this report will improve the highway network and contribute to The Best Council Plan in improving transport connections, safety, reliability and the resilience of the city's infrastructure.

- A well maintained highway infrastructure contributes to the Best Council Plan by facilitating an accessible network for getting into and around the city easier. A better maintained network improves safety of all road users, residents and neighbourhoods, reduces disruption and therefore reduces congestion resulting in a reduction in carbon emissions

### **3. Resource Implications**

- There are no specific resource implications regarding the provision of the maintenance works included within this report. The works detailed will be delivered by the council officers responsible through a combination of in-house contractor, specialist contractor and engineering partner.

### **Recommendations**

The Chief Officer (Highways and Transportation) is requested to:

- a) give authority to incur expenditure of £23,759,000 (£17,222,415 works costs and £5,004,885 internal staff and partner design fee costs plus £1,531,700 bridge inspection, assessment and asset management fees) funded from the 2020/21 Local Transport Plan Capital Grant Allocation (£8,459,000) and Leeds City Council Capital Resources (£15,300,000);
- b) approve the addition of the schemes listed in appendices B and C to this report into the Highways Infrastructure Maintenance Programmes 2020/21;
- c) note the addition of schemes listed in appendix D to this report into the Revenue Highways Infrastructure Maintenance Programmes 2020/21;
- d) note that this report is based on the anticipation of funding received from Central Government being the same as in 2019/20, if this amount of funding is not forthcoming the programmed will be trimmed to suit the available funding, if it is exceeded then works can be brought forward from those shown in Appendix B3.
- e) The Chief Officer shall be responsible for implementation of the attached programmes of work within the 2020/21 financial year.

## **1 Purpose of this report**

- 1.1 This report presents the highways infrastructure maintenance works programme for 2020/21 and seeks authority to incur expenditure, add schemes into the capital programme, and note the highways infrastructure maintenance revenue programme.

## **2 Background information**

### **Highways Infrastructure Asset Management**

- 2.1 The Highways Infrastructure Asset Management Service has developed asset management processes to analyse data from the extent of defects in the highway and structures to determine the current condition of the asset. These processes provide the ability to predict the future condition of highways and structures. Such models are helping to provide a whole life cost approach to planned maintenance.
- 2.2 The Government backed Highway Maintenance Efficiency Programme (HMEP) has been in place now since 2011. The programme provides guidance on best practice and efficient use of resources in all aspects of maintenance of the highway. Officers have been actively involved in the programme since its inception and have adopted

many of the programmes recommendations. Work is continuing to improve efficiencies in the management and delivery of maintenance of all highway assets.

## **Highways**

- 2.3 Recording the condition of the highway assets at regular intervals and logging the type and amount of repair work carried out each year has enabled the development of a deterioration model for the City's roads. By knowing the current condition and the amount of planned work the model can predict an anticipated outcome over the coming year(s) and target maintenance appropriately. It must be noted that condition assessment is a cyclic process covering only around 30% of all roads each year. The actual condition can be used as an indicator year-on-year but a true picture can only really be provided of an overall trend.
- 2.4 The Council budget proposals for 2020/21 highlights that the funding available for highway maintenance, along with other services, is under increasing pressure. It is essential that the limited funding available is used as strategically as possible to ensure that it has the optimum overall impact on the city's road network. Funding from central government for highway maintenance is dependent upon each local authority being able to demonstrate that it is spending its highway maintenance funding efficiently and in accordance with sound asset management principles.
- 2.5 There are three key performance indicators for the condition of the road network. These show a continuing steady state condition on the A's, B & C roads (around 3% of the roads requiring structural maintenance) with a slight worsening on the local and unclassified distributor roads (18% of roads requiring structural maintenance, up from 17% last year). The asset management approach is targeting maintenance interventions to make best use of the funds available to minimise any impacts on these indicators.
- 2.6 Appendix A1 shows the graphical representation of the current condition of the road network and the predicted condition at the end of the programme year. This is predicting a slight increase overall in the number of roads in need of structural maintenance (17 km or 0.6% of the network).
- 2.7 Further indications of the overall condition of roads and footways and the perception of road users are taken from the number of defect reports, liability claims received and customer satisfaction surveys. The trends for defects and liability claims are shown below, Satisfaction survey results are taken from the NHT survey and detailed in para 2.8.
- Defect reports (reducing)
  - Liability Claims (reducing)
- 2.8 The 2019 National Highways and Transportation (NHT) Public Satisfaction survey was the Fourth in which Leeds City Council participated. The results for the roads and pavements are :
- Condition of roads (KBI 23) – 42% (38% in 2018) (above national average of 36% (31% in 2018))
  - Condition of pavements (KBI11) – 59% (60% in 2018) (above national average of 55% (54% in 2018))

## **Highway structures**

- 2.9 Appendix A2 shows the current condition of the highway structure stock (excluding retaining walls) and the details of sub-standard highway structures undergoing risk

management. The programme targets the structures that pose substantial risks to the network, while those structures with critical structural elements that are in the poor and very poor categories are risk managed until they require maintenance.

- 2.10 Eight structures that are on the Principal Road Network (PRN) or classified A roads have been identified as being in the very poor category. These structures are West Garforth Railway Bridge, Regent Street Flyover, Ellar Ghyll North, Carlton Bramhope, Haigh Beck Culvert, Easterly Road Culvert and Services Subway (Marsh Lane). An essential maintenance scheme for Regent Street Flyover is now being progressed (see paras 3.15 and 3.16); West Garforth Railway Bridge is subject to monitoring and the other six structures are inspected as part of the regular inspection regime to check their condition. Should the condition of any structures deteriorate more rapidly than anticipated and require an intervention, they would be injected into the main programme displacing other work.
- 2.11 The service aim is to reduce the percentage of structures in need of essential repair. However, the indicator has seen a rising trend since 2009 and is currently at 31.50% with the indicator expected to continue increasing year on year. The increases are due to several factors including an ageing structure stock, major schemes (with substantial risks) absorbing large percentages of the available budget, short term fixes (as opposed to complete solutions) and a short fall and uncertainty of long term funding.

### 3. Main issues

#### Funding

- 3.1 Funding for maintenance of the authority's highway infrastructure assets is made available from the following sources.

Funding Source	Total Budget	Roads	Structures
Local Transport Plan (LTP) Formula Base Grant (Para 3.2)	£7,001,000	£4,740,000	£2,261,000
Local Transport Plan (LTP) Incentive Funding (Band 3) (Provisional) (Para 3.3)	£1,458,000	£987,300	£470,700
Leeds City Council Capital (Para 3.5 to 3.16)	£15,300,000	£13,000,000	£2,300,000
<b>Grand Total</b>	<b>£23,759,000</b>	<b>£18,727,300</b>	<b>£5,031,700</b>

- 3.2 The Government has again made a specific formula based allocation to Local Authorities for carrying out maintenance and strengthening work on highways assets through the LTP.
- 3.3 This is the fifth year of the incentive funding which is allocated on the basis of self-assessment of services against 22 best practice measures of asset management, resilience, customer feedback, benchmarking and service delivery. A submission assessing Leeds as a Band 3 authority has been submitted to government for consideration. Band 3 will again maximise the authority's allocation for 2020/21. An announcement of the funding that Leeds will receive is expected towards the end of March 2020. This report is based on the anticipation of being successful at being allocated the indicative funding for this element, if this funding is not forthcoming the programmed will be trimmed to suit the available funding.

## Capital programme

- 3.4 The works programmes are shown in the attached Appendices
- Appendix B – Highways Infrastructure Maintenance (Roads)
  - Appendix C – Highways Infrastructure Maintenance (Structures)
- 3.5 Appendix B1 details the works approved previously for the programme of highways infrastructure maintenance for the 2019/20 financial year, which could not be completed/undertaken for the reasons shown in Appendix B1 and will be delivered in the 2020/21 financial year.
- 3.6 Appendix B2 details the programme of Highways Infrastructure Maintenance (Roads) for the 2020/21 financial year.
- 3.7 Appendix B3 shows a provisional programme of Highways Infrastructure Maintenance (Roads) for the 2021/22 and 2022/23 financial years. In the event that schemes from the planned 2020/21 programme are delayed for any reasons or if savings are made within the programme, schemes from this provisional list will be brought forward to be delivered in the 2020/21 financial year. The same decisions will be made if additional Highway Maintenance Block funding was to be received during the year.
- 3.8 The programme of Highways Infrastructure Maintenance (Structures) detailed in Appendix C is focussed on removal of major structural risks on the network with a balance of supporting or holding elements from
- essential safety works
  - strengthening and structural maintenance
  - substandard structures
  - risk management
  - strategic network priorities
  - asset management
- 3.9 The capital programme of Highways Infrastructure Maintenance (Structures) has a significant asset management element comprising: principal and special inspections, asset valuation and work supporting the implementation of the guidance and recommendations in the 2016 Code of Practice “Well Managed Highway Infrastructure”. The service will continue to prioritise the recommendations that are used to demonstrate compliance with the Code to ensure that risk to the Council is minimised in terms of claims. A sum of £230,000 is included in the programme to cover the asset management and asset valuation work, with a further £1,120,000 for principal & special inspections and structural assessments.
- 3.10 The capital programme of Highways Infrastructure Maintenance (Structures) also has a significant element of risk management, including special safety inspections and monitoring of sub-standard structures (either by assessment or inspection). In addition, there is a greater emphasis on interim measures, such as weight and width restrictions and safety barrier protection of weak structural members, to mitigate the risks resulting from this on-going deterioration. This supports the key objective of the service to ensure that public safety is maintained. A sum of £181,700 is included in the programme to cover these risk management activities.
- 3.11 The capital programme of Highways Infrastructure Maintenance (Structures) includes scour assessments and scour protections works for structures on the Rivers Aire, Calder and Wharfe. A sum of £145,000 is included within the programme to cover these scour related activities.

- 3.12 All costs are estimated and will be subject to review as schemes are progressed. There may be emerging priorities during the year which will displace work included in the programme at this stage. Emerging work will be prioritised in accordance with the prioritisation system to ensure consistency. The programme will be monitored and revised as necessary throughout 2020/21 as actual costs are realised to ensure that the allocated budget is expended but not exceeded.
- 3.13 Appendix C2 shows a provisional programme of Highways Infrastructure Maintenance (Structures) schemes for the 2021/22 and 2022/23 financial years. In the event that schemes from the planned 2020/21 programme are delayed for any reasons or if savings are made within the programme, schemes from the provisional list will be brought forward to be delivered within the 2020/21 financial year. The same decision making process will be followed if additional Highway Maintenance Block funding is received during the year.
- 3.14 To ensure delivery of Thorp Arch Scour Protection Works construction will be procured through the LCC Flood Risk Management Capital Works Framework Contract. By utilising this existing procurement framework and by employing underwater specialists we will ensure greater certainty for delivery to time, budget and quality of work on site.

To ensure delivery of the Bridges capital programme, the WSP Core Services Contract will be used, where appropriate, to continue to deliver non core services work until the Major Projects Framework is awarded. This will allow greater certainty of delivery to time, budget and quality of work, thus reducing pressures on delivering the capital programme and avoiding reputational damage for Leeds City Council.

- 3.15 Regent Street Flyover carries the A64(M) Leeds Inner Ring Road over A61 Regent Street just north-east of Leeds City Centre. Due to its poor condition and substandard capacity an essential maintenance scheme is being progressed with site commencement expected spring 2020. The magnitude and importance of this £31m scheme is such that LCC funding has been allocated to allow the procurement and early contractor involvement phases to begin.
- 3.16 Options appraisal, feasibility and design costs have thus far been borne by the Bridges capital programme, to ensure that any risk to the public is minimised and so a swift start can be made once full funding is in place. A contribution of £3.0m was made from the 2019/20 Bridges capital budget together with a further £1.3m from funds already secured within the Leeds capital programme, giving a total spend of £4.3m in 2019/20. This has allowed detailed design to be completed and for construction to start early 2020/21. The scheme funding profile is shown in the table below (£000's):

Financial Year	2019/20	2020/21	2021/22	2022/23	2023/24
DfT Challenge Fund Bid	0	20,400	0	0	0
LCC Capital	4,300	0	5,600	700	0
Total	4,300	20,400	5,600	700	0

An update will be given to Strategic Investment Board (SIB) following the conclusion of the Local highways Maintenance Challenge Fund, the decision on whether we

were successful in our bid for this major maintenance project from this additional government funding is now expected in March 2020.

## **Revenue programme (for information only)**

- 3.17 The Revenue allocation for roads supports a significant element of reactive and routine maintenance to all of the districts highways (91%) but a small proportion (9%) is given over to planned maintenance as part of the strategy to maintain the overall condition of the highways assets. The works included as part of the preventative footway programme are shown in Appendix D. The structures revenue budget is used to perform statutory functions and for reactive safety related maintenance and are not individually listed.
- 3.18 The implementation of works undertaken from the revenue budget is already approved through the formal budget setting process and as such are presented here for information only.

## **4 Corporate considerations**

### **4.1 Consultation and engagement**

- 4.1.1 All Ward Members were written to on 19 September 2019 and provided with a list of streets included on the Unclassified Distributor and Local Roads in the programme. They were asked if they are aware of any reason why any of the maintenance work planned for 2020/21 should not be undertaken. They were also asked if they have any other comments about the programme, or the omission of any particular streets of concern that they believe require maintenance and should be on the programme instead of those listed.
- 4.1.2 Responses were asked for by 8 November 2019 and feedback was received from Members in ten wards, either via email, phone calls, meetings or site visits. The majority were in support of the programme, however some resulted in changes to the streets included, or were content with the streets proposed following an explanation of the selection process. However some members have raised concerns about how the Service responds to the issues raised.
- 4.1.3 One request was for several schemes within the ward to be removed and the budget used to fund verge hardening works at one other location. In addition to the particular street being in a sound structural condition, the Highways Maintenance budget does not contain provisions for making verge improvements and is already fully stretched to meet routine maintenance demands. The general presumption is that the Council will not fund verge hardening from local transport capital allocations. The incentive fund element of the capital allocation is dependent upon the Council demonstrating an asset management led approach to highways maintenance which prioritises a city-wide worst first programme of schemes. To divert funds away as requested could jeopardise the Council's current Band 3 status which attracts the maximum level of funding. The Council receives regular requests to fund and implement the protection or hardening of verges. Despite funds not being available, advice is provided on what can be done, and help to explore alternative funding mechanisms.
- 4.1.4 Another response received was that despite having met with ward members previously and agreed some changes within their ward, unfortunately they remained concerned with regard to the streets included for planned maintenance within their ward. In 2016 an asset management strategy for highway maintenance was introduced. This approach demonstrates that the Council is directing its limited funding for highway maintenance to those streets in greatest need. Current levels of

funding allow approximately 100-200 structural maintenance schemes and 200-300 preventative maintenance schemes each year.

- 4.1.5 Concern existed locally that several alternative streets, believed to be in a worse or similar condition to those listed, require attention, however they had not been included within the next year's planned works. Whilst it was agreed that the carriageways of these streets have reached the end of their useful life, streets believed to be of a higher priority had been selected. Following further consideration of the issues received, the list was amended to include those streets listed, either in the next year's programme or for renewal in the 2022/23 programme.
- 4.1.6 Whilst generally being in agreement with the streets selected, another member expressed concern about the apparent lack of consideration given to combining local works desired by local ward members into the approved maintenance works. Whilst fully appreciating the reasoning behind the request, because of the scale of such programmes, there is significant pressure to deliver these programmes in year to ensure that funds, particularly DfT funds, are fully spent up; there is also a need to ensure funding is spent in accordance with Asset Management principles in order to maintain the highest level of external funding to the Authority. Having said that, significant attempts are made each year to align the Maintenance programmes with works from different approved programmes and to include minor works such as those to improve disability access on the street wherever possible. It is not possible to include non-approved/ non-programmed works such as traffic calming measures for example because there are often specific statutory procedures that need to be followed which are staff intensive, time consuming and often costly to implement. Whilst the planned maintenance programme process does include the need to identify 'value management' opportunities and indeed occasionally works are delayed to align with others, more often the need to resurface and the implementation of other highway measures do not align. The opportunity to ensure works are suitably aligned is however under constant review and our ongoing update meetings will continue with the ward member concerned.
- 4.1.7 Town and Parish Councils have been consulted (between 19 September 2019 and 8 November 2019) on the streets included in the Unclassified Distributor and Local Roads Highway Maintenance programmes. Feedback was received from Town and Parish councils, via email, phone calls, meetings or site visits. The majority were in support of the programme, the remainder were content with the streets proposed following an explanation of the selection process.
- 4.1.8 Ward Members will be informed of arrangements regarding programming and traffic management for each project prior to the work commencing. Further scheme specific consultation will be undertaken where natural stone products may be removed during maintenance work.
- 4.1.9 The Highways Infrastructure Maintenance Programme (Roads), will be assembled and sorted against Electoral Wards and a schedule of the relevant Ward programme will be sent to each Ward Member. To help in addressing some of the issues raised above, we constantly review the consultation process to ensure it is suitable and we will continue to seek to engage with elected members at the earliest appropriate opportunity to ensure that we are aware of their wishes. Ward members will also be included in the pre-start letter drop (for all works included in Appendices B & C) to affected residents which takes place approximately 2 weeks prior to work commencing on site.



- 4.1.10 Ward members will be informed of the scheme scope and consulted as a part of any bridges capital scheme, with wider consultation being undertaken as required.
- 4.1.11 The works list is updated on a weekly basis and details updated on the web site, all email correspondence from Highway Asset Management officers contains a Link and QR code to enable elected members to access this page.

## **4.2 Equality and diversity / cohesion and integration**

4.2.1 The following equality screenings have been carried out for highways planned maintenance, taking note of equality impact assessments completed in April 2008 (Highway Maintenance Activities) and January 2011 (The impact of financial decisions on the provision of a Highways Maintenance Service). These are reviewed on an annual basis during the preparation for the Highway Infrastructure Maintenance programme approval process.

- Appendix E – Highways Infrastructure Maintenance (Roads) Programme
- Appendix F – Highways Infrastructure Maintenance (Roads) Revenue Programme

4.2.2 Key findings from both EIA's were as follows:

### Positive Impacts

- Highway maintenance work removes those defects that are likely to be a hindrance to mobility and is an opportunity to provide improved mobility features such as dropped kerbs.
- Consultation with Councillors and Area Management Teams is proactive with other stakeholder's views being taken into account through focus groups and scheme specific correspondence.

### Negative Impacts

- There are issues with some communities having the perception that other areas received a better service with more road maintenance being carried out; failing to accept that allocation is based on need.

4.2.3 Actions

- Continue to select work based on objective condition assessment from machine based surveys and allocate on a needs basis as per the Highway Infrastructure Asset Management Plan and have a greater transparency on where money is spent.
- Take every opportunity during maintenance work to provide dropped crossings at road junctions to aid those people with mobility problems.
- Continue with letter drops to residents affected by maintenance work which includes the encouragement and gives opportunity for anyone with a special need or is disabled to have a contact point to discuss the immediate impact of the scheme.
- Also continue with customer feedback surveys which can be analysed for equality issues as well as comment on schemes' outturns

4.2.4 An Equality, Diversity, Cohesion and Integration screening of the Highways Infrastructure Maintenance (Structures) Programme has been carried out (Appendix G). This concludes that an impact assessment is not required.

### **4.3 Council policies and the Best Council Plan**

4.3.1 A well maintained highway infrastructure contributes to the Best Council Plan by facilitating an accessible network for getting into and around the city easier. A better maintained network reduces disruption and therefore less congestion reduces carbon emissions

#### Climate Emergency

4.3.2 A key part of the Best Council Plan is a priority on 'Sustainable Infrastructure' and to respond to the risks of climate change. The Council's declaration of a climate emergency in March 2019 requires consideration of how the proposals outlined in this report impacts upon this agenda. The maintenance works included within this report will have an impact, but will be reduced through early intervention by the use of preventative treatments (surface dressing, micro asphalt & slurry sealing). This approach reduces the need to carry out more disruptive and deeper construction/resurfacing works in the future (on those roads treated). These more invasive works require more bituminous and aggregate rich materials to be produced, which in turn has an adverse effect on the environment and congestion during the ongoing works.

4.3.3 Wherever possible in paved areas, second hand materials will be used to match existing. Re-usable stone products removed from site will not be disposed of. Where technically appropriate, processes which minimise the use of newly quarried materials such as recycling will be considered.

#### **The West Yorkshire Transport Strategy**

4.3.4 We aim to ensure our transport networks are fit for the future and properly managed in a safe, sustainable, environmentally friendly and cost effective way.

#### **Highway Infrastructure Asset Management Strategy**

4.3.5 Priorities are established and work is planned and undertaken in accordance with Leeds City Council's Highway Infrastructure Asset Management Strategy and associated documents

#### **Crime and Disorder Act 1998**

4.3.6 The proposals contained within this report have no implications under section 17 of the Crime and Disorder Act 1998.

### **4.4 Resources, procurement and value for money**

4.4.1 The Highway Infrastructure Maintenance Programme for 2020/21 will be funded from the following sources

- Local Transport Plan (LTP) Capital Grant (including incentive funding)
- Leeds City Council Capital Resources
- Leeds City Council Revenue Resources

These works detailed in Appendices B to D will be delivered through a combination of in-house contractor, specialist contractors and engineering partner to ensure that value for money is achieved.

## Capital Funding and Cash Flow

Funding Approval :	Capital Section Reference Number :-					
Previous total Authority to Spend on this scheme	TOTAL	TO MARCH	FORECAST			
	£000's	2018 £000's	2018/19 £000's	2019/20 £000's	2020/21 £000's	2021 on £000's
LAND (1)	0.0					
CONSTRUCTION (3)	0.0					
FURN & EQPT (5)	0.0					
DESIGN FEES (6)	0.0					
OTHER COSTS (7)	0.0					
<b>TOTALS</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Authority to Spend required for this Approval	TOTAL	TO MARCH	FORECAST			
	£000's	2018 £000's	2018/19 £000's	2019/20 £000's	2020/21 £000's	2021 on £000's
LAND (1)	0.0					
CONSTRUCTION (3)	18754.1				18754.1	
FURN & EQPT (5)	0.0					
DESIGN FEES (6)	5004.9				5004.9	
OTHER COSTS (7)	0.0					
<b>TOTALS</b>	<b>23759.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>23759.0</b>	<b>0.0</b>
Total overall Funding (As per latest Capital Programme)	TOTAL	TO MARCH	FORECAST			
	£000's	2018 £000's	2018/19 £000's	2019/20 £000's	2020/21 £000's	2021 on £000's
LCC Supported Borrowing	15300.0				15300.0	
LTP / TSG Grant	8459.0				8459.0	
<b>Total Funding</b>	<b>23759.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>23759.0</b>	<b>0.0</b>
<b>Balance / Shortfall =</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

Parent Scheme Numbers : 99508/000/000, 99509/000/000 & 32825/000/000  
 Title: Highway Infrastructure Maintenance Programmes 2020/21

### 4.5 Legal Implications, access to information and call-in

- 4.5.1 The Chief Officer (Highways and Transportation) has been delegated the authority to approve the recommendations contained within this report as identified in the Constitution, Part 3, Section 3E
- 4.5.2 This report is eligible for call in, except where this report relates to revenue funded work, no formal approval to spend is required, and the corresponding part of the report is not eligible for Call-in.

### 4.6 Risk management

- 4.6.1 The Highways Infrastructure Maintenance programme listed in the Appendices will help provide long term benefits to residents of Leeds and create the right physical environment for the delivery of vibrant and sustainable communities. If the proposed programmes are not undertaken it may lead to further operational constraints, such as the implementation of further weight restrictions on bridges. They may also lead to further deterioration, resulting in increased and more costly maintenance requirements in future years or an increasing backlog of maintenance works. This will also result in greater disruption to the network when works can be carried out, with increased traffic disruption from traffic management required to carry out more extensive works.

- 4.6.2 A number of the schemes in the programme are safety-related and there is a greater emphasis on risk management of structures (Appendix A2). This does make the Council more vulnerable in terms of the number, type and severity of risks relating to highway structures on its road network and this leads to a potential liability for the Council.

4.6.3 There are a number of key risks already identified relating to the Council's highway structures stock and its on-going deterioration. These have been identified on the Highways and Transportation's risk register and the Council's corporate risk register as appropriate.

## **5 Conclusions**

5.1 The proposed projects are chosen from a priority listing generated by a long term asset management approach to highway and structural condition. The implementation of these projects aids access for disabled people and improves the street environment for all users. If these schemes are not undertaken the strategic highway network including its structures will deteriorate further which could lead to weight restrictions or road closures and the potential for an increase in claims against the Council. Such outcomes would not meet the objectives set out in the Councils Policies and City Priorities.

## **6 Recommendations**

6.1 The Chief Officer (Highways and Transportation) is requested to:

- a) give authority to incur expenditure of £23,759,000 (£17,222,415 works costs and £5,004,885 internal staff and partner design fee costs plus £1,531,700 bridge inspection, assessment and asset management fees) funded from the 2020/21 Local Transport Plan Capital Grant Allocation (£8,459,000) and Leeds City Council Capital Resources (£15,300,000);
- b) approve the addition of the schemes listed in appendices B and C to this report into the Highways Infrastructure Maintenance Programmes 2020/21;
- c) note the addition of schemes listed in appendix D to this report into the Revenue Highways Infrastructure Maintenance Programmes 2020/21;
- d) note that this report is based on the anticipation of funding received from Central Government being the same as in 2019/20, if this amount of funding is not forthcoming the programmed will be trimmed to suit the available funding, if it is exceeded then works can be brought forward from those shown in Appendix B3.
- e) The Chief Officer shall be responsible for implementation of the attached programmes of work within the 2020/21 financial year.

## **7. Background documents<sup>1</sup>**

7.1 None.

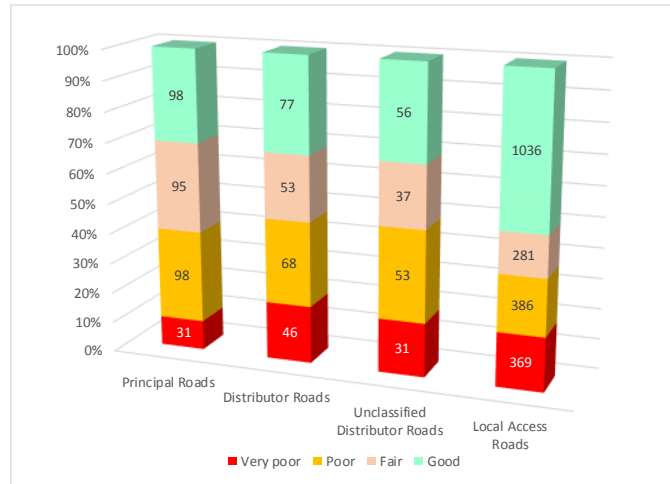
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<sup>1</sup> The background documents listed in this section are available to download from the council's website, unless they contain confidential or exempt information. The list of background documents does not include published works.

Current Road Network Condition (2020) and Predicted Road Network Condition (2021) after proposed work undertaken

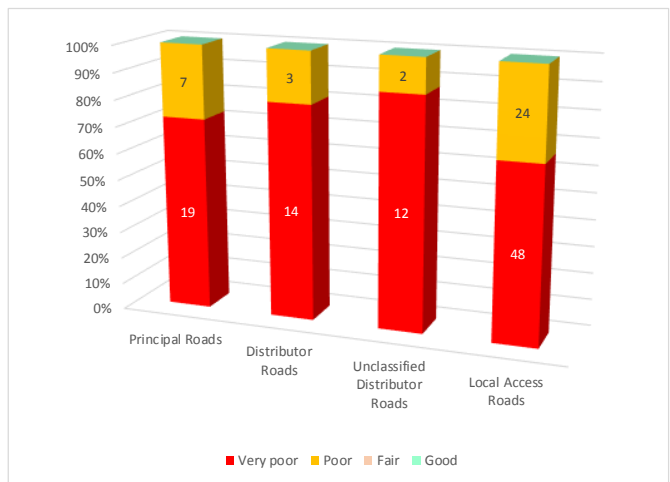
Current Network Condition (Carriageway) in Km by Road Type (01/03/2020)

Asset Group	Principal Roads	Distributor Roads	Unclassified Distributor Roads	Local Access Roads	Total km
Good	98	77	56	1036	1,267
Fair	95	53	37	281	466
Poor	98	68	53	386	606
Very poor	31	46	31	369	478
<b>Total</b>	<b>323</b>	<b>245</b>	<b>177</b>	<b>2,072</b>	<b>2,817</b>



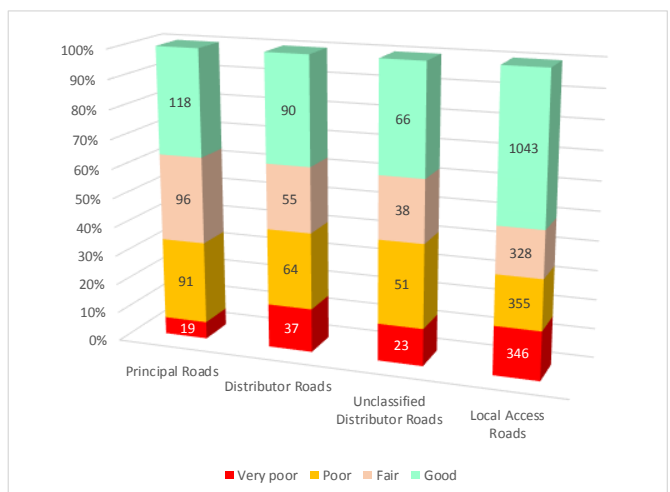
Proposed Infrastructure Maintenance Works in Km by Road Type

Asset Group	Principal Roads	Distributor Roads	Unclassified Distributor Roads	Local Access Roads	Total km
Good	0	0	0	0	0
Fair	0	0	0	0	0
Poor	7	3	2	24	37
Very poor	19	14	12	48	92
<b>Total</b>	<b>26</b>	<b>17</b>	<b>14</b>	<b>72</b>	<b>129</b>



Predicted Network Condition (Carriageway) in Km by Road Type (31/03/2021)

Asset Group	Principal Roads	Distributor Roads	Unclassified Distributor Roads	Local Access Roads	Total km
Good	118	90	66	1043	1,317
Fair	96	55	38	328	516
Poor	91	64	51	355	561
Very poor	19	37	23	346	424
<b>Total</b>	<b>323</b>	<b>245</b>	<b>177</b>	<b>2,072</b>	<b>2,817</b>

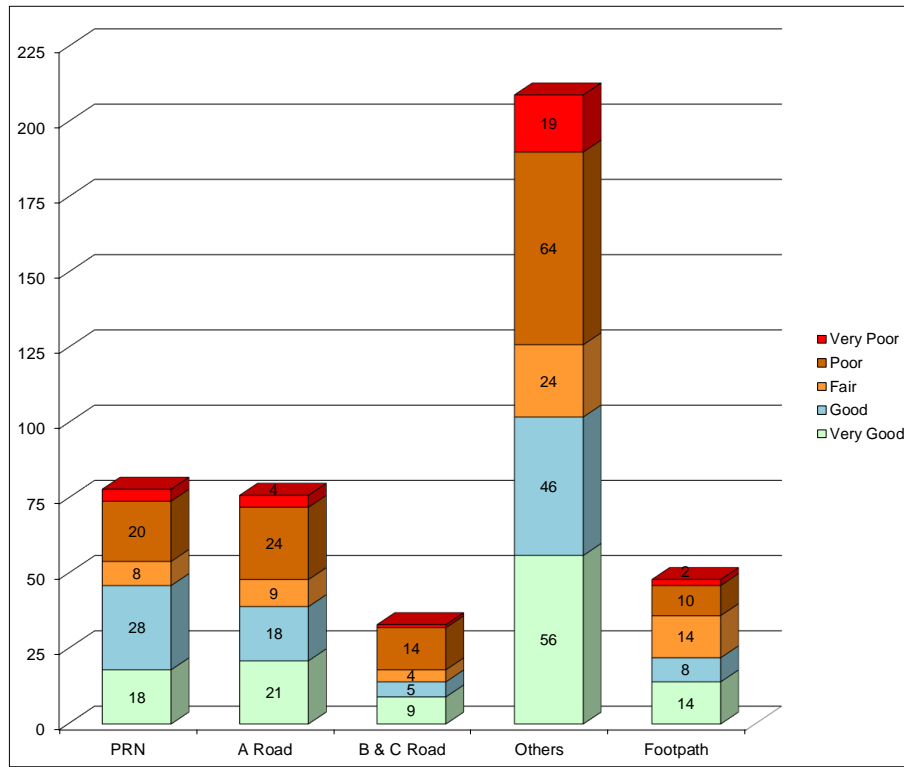


Summary

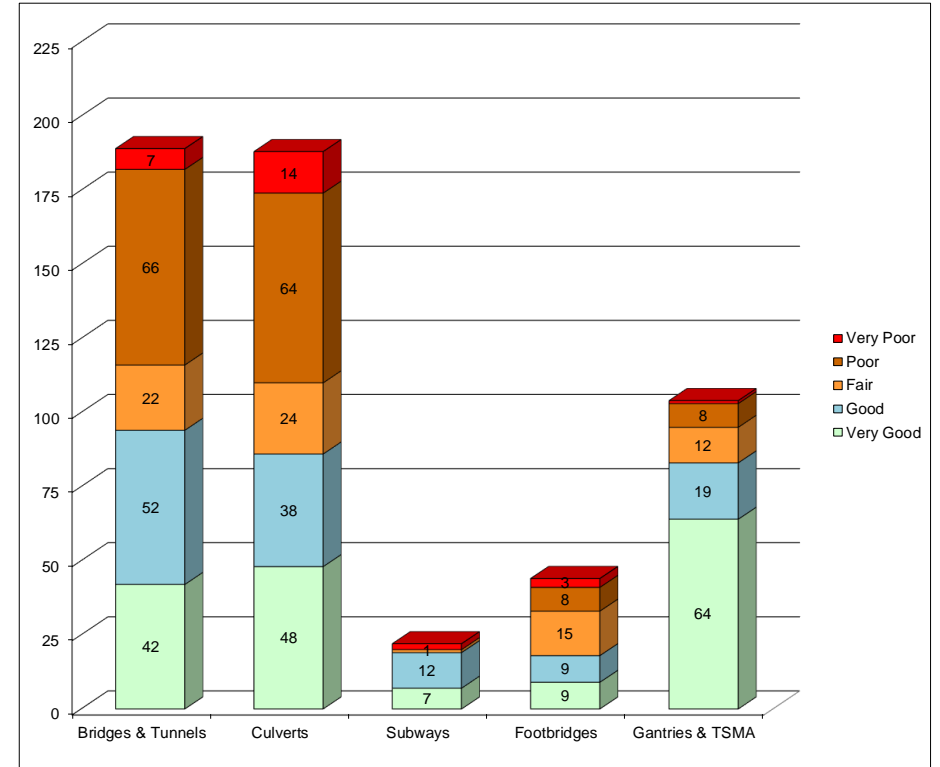
Spend Required to Maintain	£21,728,934.22	Predicted Deterioration	146	5.2%
Actual Allocation	£19,167,300	Predicted Improvement	129	4.6%
Increase / Shortfall	£-2,561,634	Net Improvement/Deterioration	-17	-0.6%

# Current Structures Condition

BCI<sub>crit</sub> by Road Type



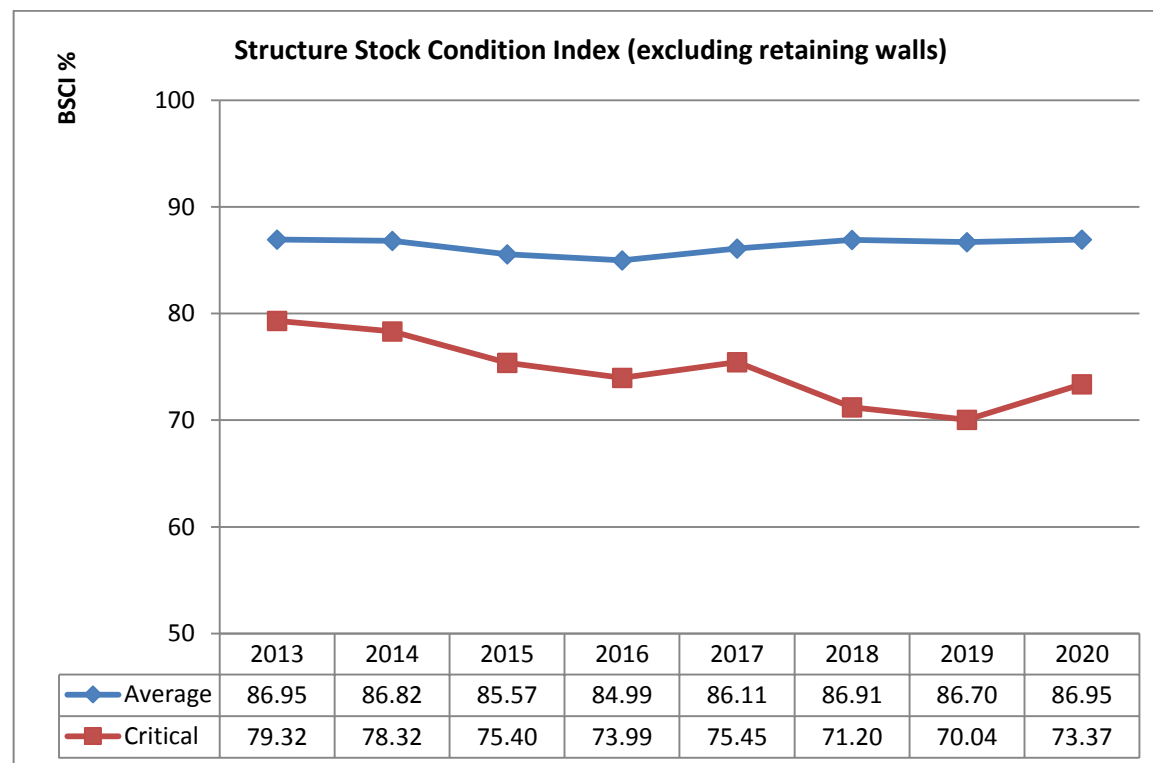
BCI<sub>crit</sub> by Structure



Road Type	PRN	A Road	B & C Road	Others	Footpath	Total
Very Good	18	21	9	56	14	118
Good	28	18	5	46	8	105
Fair	8	9	4	24	14	59
Poor	20	24	14	64	10	132
Very Poor	4	4	1	19	2	30
Total	78	76	33	209	48	444

Asset Group	Bridges and Tunnels	Culverts	Subways	Footbridges	Gantries and TSMA	Total
Very Good	42	48	7	9	64	170
Good	52	38	12	9	19	130
Fair	22	24	1	15	12	74
Poor	66	64	0	8	8	146
Very Poor	7	14	2	3	1	27
Total	189	188	22	44	104	547

**Table 1: Structure Stock Condition Index (excluding retaining walls)**



<b>The stock condition index is taken from the Atkins (HE/ADEPT) Performance Measurement of Highway Structures Report which gives the descriptions below: The current Leeds stock condition is between 65 and 90 for both indicators</b>	
Average Stock Condition (80-90)	Structure stock is in a good condition. Some structures may be in a severe condition.
Critical Stock Condition (65-80)	A number of critical load bearing elements may be in a severe condition. Some structures may represent a significant risk to public safety unless mitigation measures are in place.
Additional Comments	Historical maintenance work under funded and structures not managed in accordance with Asset Management.  It is essential to implement Asset Management practices to ensure work is adequately funded and prioritised and risks assessed and managed.  Moderate to large backlog of maintenance work, essential work dominates spending.

The structure stock condition is represented by the averaging (weighted with structure size) of critical Bridge Condition Indicator (BCIcrit) values for individual structures, which is a score out of a 100. The critical Bridge Condition Indicator considers only the critical load-carrying elements of the structure. This is to ensure that safety critical or high safety maintenance work is identified within the prioritisation system. This BCIcrit score is calculated by a set method based on the individual condition of a predefined list of elements.

**Stock Condition Trend**

The structure stock condition, for both average score and critical load carrying elements, peaked in 2013 and the critical score shows an overall decline, with the critical score now falling 6% in 7 years. With the increasing pressure on funding levels available for bridge maintenance over the next five years, it is expected that the downward trend will continue leading to a poor rating within the next decade with the associated network restrictions and pressures. While asset management principles are being implemented (where possible), the inadequate and uncertain funding levels reduce the impact of this approach and focus has been shifted to reducing major risks on the network.

**Table 2: Details of sub-standard structures and risk management**

	As of 22 <sup>nd</sup> Dec 2015	As of 01 <sup>st</sup> Feb 2017	As of 05 <sup>th</sup> Feb 2018	As of 26 <sup>th</sup> Feb 2019	As of 11 <sup>th</sup> Feb 2020	
Best Council Plan KPI - % of highway structures in need of essential repair. ** Estimated	24.3%**	23.94%	28.21%	30.83%	31.50%	
Substandard/provisionally substandard structures monitored to BD79 (Table 4)	38 LCC 12 Other	45 LCC 14 Other	42 LCC 14 Other	47 LCC 13 Other	46 LCC 13 Other	
Substandard/potentially substandard structure for pier impact loading	20 LCC	19 LCC	15 LCC	15 LCC	16 LCC	
Weight restrictions on LCC structures	16: 7 permanent 8 environment 1 temporary	16: 7 permanent 8 environment 1 temporary	15: 7 permanent 8 environment	13: 6 permanent 7 environment	14: 6 permanent 7 environment 1 temporary	
Weight restrictions on non LCC structures	10: 3 permanent 7 environment	10: 3 permanent 7 environment	9: 2 permanent 7 environment	9: 3 permanent 6 environment	9: 3 permanent 6 environment	
Structures with physical protection to substandard footways, parapets or other substandard elements	24 LCC 13 Other	25 LCC 14 Other	24 LCC 14 Other	25 LCC 13 Other	27 LCC 13 Other	
Structures on high capacity routes with safety inspections	4	8	11	14	14	
LCC Main River structures: * scour protection works are dependent on level 2 assessment result	Inspected for scour yearly	20	20	20	20	
	Assessed for scour, level 2	1 complete 2 ongoing 6 to go	3 complete 6 ongoing 0 to go	3 complete 6 ongoing 6 to go	3 complete 6 ongoing 6 to go	3 complete 6 ongoing 6 to go
	Protection installed	3 complete (0 to go)*	3 complete (1 to go)*	3 complete (1 to go)*	3 complete (1 to go)*	3 complete (1 to go)*



**Table 3: List of structures with Special Safety Inspections on High Capacity Routes**

Number	Name	Road Carried / Crossed
L211	Woodhouse Lane Car Park S	IRR/UNCL
L214	Woodhouse Lane	A660/A58(M)
L215	New Woodhouse Lane No.2	Private/A58(M)
L216	New Woodhouse Lane No.1	A660/A58(M)
L217	New Woodhouse Lane No.3	Private/A58(M)
L221	North Street Junction	UNCL/A64(M)
L225	Oatland Lane	UNCL/A58
L228	New York Road Viaduct Eastbound	A64(M)/UNCL
L2237	Ivy Street Footbridge	Fway/UNCL
L212	Woodhouse Tunnel	UNCL/A58(M)
L295	Mill Green Bridge	A58/A643
L2212	Clarendon Road Fb	FW/A58(M)
L213	Calverley Street	UNCL/A58(M)
L2013	Hansby Gate Subway	A6120/FW

**Table 4: List of At Risk Structures monitored in accordance with BD79**

Number	Name	Road Carried/Crossed
L0002	Kirkstall	B6157/River Aire
L0003	Bridge Road	B6157/River Aire
L0007	Viaduct Road	Uncl/River Aire
L0012	Victoria Bridge	Uncl/River Aire
L0037	Thorp Arch Bridge	Uncl/River Wharfe
L0058	Hope Road	Uncl/Lady Beck
L0065	Ledston Mill	Uncl/Lin Dyke
L0066	Parkin Lane	Uncl/Canal
L0077	West Garforth Railway No 4	A63/Fway
L0085	Woodacre Green	Uncl/Bardsey Beck
L0090	Otley Bridge	Uncl/River Wharfe
L0093	Mickle Ings	A660/Mickle Ing Beck
L0112	Dunhill Rise	Uncl/Wyke Beck
L0114	Cartmell Drive	Uncl/Wyke Beck
L0119	Calverley River Bridge	A6120/River Aire
L0120	Calverley Railway Bridge	A6120/River Aire
L0121	Newley Bridge	Fway/River Aire
L0131	Blackburn Court	Uncl/Carlton Beck
L0132	Gillet Bridge	Uncl/Oulton Beck
L0146	Methley Bridge	A639/River Calder
L0167	Ass Bridge	C Road/Beck
L0177	Brigshaw Lane	Uncl/Beck
L0179	Bagley Lane	C507/Beck

**Table 4: List of At Risk Structures monitored in accordance with BD79 (continued)**

<b>Number</b>	<b>Name</b>	<b>Road Carried/Crossed</b>
L0198	Waddington Railway Bridge	A61/R'way
L0221	North Street Junction	Uncl/A64(M)
L0223	Regent St Flyover	A64(M)/A61
L0225	Oatland Lane	Uncl/A58
L0235	York Road Underpass	A64/Uncl
L0243	New Wellington River Bridge	A58(M)/River Aire
L0244	Wellington Canal Bridge	A58(M)/Canal
L0299	Sutton Approach	Fway/R'way
L0340	Oxford Road Bridge	Uncl/R'way
L1039	Ellar Ghyll North	A6038/Beck
L1043	Pudsey Road	B Road/Beck
L1050	None-Go-Byes	Uncl/Beck
L2013	Hansbygate Subway	A6120/Fway
L2047	Calverley Old FB	Fway/River Aire
L2124	Gipton Beck Cantilever	Fway/Beck
L2154	Water Lane Cantilever	Fway/Hol Beck
L2263	Alpha Street Fb (A653) C	Fway/A653
L2237	Ivy Street Footbridge	Fway/Uncl
L2310	Shaftsbury FB	Fway/PRN
L2334	Armley Road Fb	Fway/A647
L2336	Wellington Rd North FB	Fway/A58
L3197	Doncasters Whitehall Rd RW	B/Land
L10703	Water Lane Beck Wall	Uncl/Hol Beck
L4106	Balm Road	Uncl/R'way
L4107	Pepper Road	Uncl/R'way
L4202	Wesley Place	Uncl/R'way
L4208	Park Parade	Uncl/R'way
L4317	Armley Link Road	Uncl/R'way
L4409	Whingate	Uncl/R'way
L4412	Tong Road	Uncl/R'way
L4504	Canal Road	Uncl/R'way
L4510	Dewsbury Road	A653/R'way
L4705	Town Street - Millshaw	Uncl/R'way
L4801	Gelderd Road No.4	A62/R'way
L4922	Spofforth Hill	A661/R.R'way
L5266	Northern Street Service Tunnel	Uncl/Tunnel



### Highways Infrastructure Maintenance (Roads) Programme 2020/2021

**Programme Area**
**Structural Maintenance**

A Programme of structural maintenance to adopted road network to strengthen and resurface with associated kerb and footway works where required.

(Work Types – C = Carriageway, F = Footway, K = Kerb)

Street (Road No if applicable)	Extents	Ward	Work Type
Allenby Road	Dewsbury Road To Westland Road	Beeston & Holbeck	C, F, K
Amberton Road	Oak Tree Drive To Oakwood Lane	Gipton & Harehills	C, F
Amberton Terrace	Oakwood Lane To Montagu Avenue	Gipton & Harehills	C, F, K
Amberton Terrace	Montagu Avenue To Amberton Crescent	Gipton & Harehills	C
Arksey Terrace	Aviary Road To Hereford Street	Armley	F
Aston Road	Lower Town Street To Aston Grove	Bramley & Stanningley	C, F
Austhorpe Lane	Lulworth Walk To Kingswear Crescent	Cross Gates & Whinmoor	C
Austhorpe Lane	Kingswear Crescent To Railway Road	Cross Gates & Whinmoor	C, F
Back Bradford Road	Owlcotes Lane To Woodlands Terrace	Calverley & Farsley	C
Bankfield Grove	Woodside View To Burley Wood Avenue	Kirkstall	C, F, K
Barrack Road	Start D/Cway Barrack Road To Jn Sheepscar Street Inbound	Little London & Woodhouse	C
Bawn Drive	Butterbowl Drive To End	Farnley & Wortley	C, F, K
Bayswater Crescent	Roundhay Road To Bexley Road	Gipton & Harehills	C, F, K
Bayswater Crescent	Bexley Road To Harehills Road	Gipton & Harehills	F
Bedford Garth	Silk Mill Drive To End	Weetwood	C, F
Bedford Mount	Silk Mill Drive To End	Weetwood	C, F, K
Bedford Mount	Bedford Garth To End	Weetwood	C, F, K
Black Moor Road	Ring Road To Scotland Wood Road	Alwoodley	C
Black Moor Road	Scotland Wood Road To Deanswood Hill	Alwoodley	C, F
Borough Avenue	Chandos Gardens To Chandos Avenue	Roundhay	C, F
Brander Street	Brander Road To Coldcotes Grove	Gipton & Harehills	C, F
Bridge Street	Courthouse Street To Farnley Lane	Otley & Yeadon	C, F
Brooklands Crescent	Foundry Mill Drive To Back Foundry Mill Drive	Killingbeck & Seacroft	C, F, K
Broomhill Drive	Falklands Rise To Falklands Road	Moortown	C, F, K
Broomhill Drive	Falklands Road To Scott Hall Road	Moortown	C
Byeway	New Way To End	Guiseley & Rawdon	C
Canonbury Terrace	Wesley Street To End	Beeston & Holbeck	C, F, K
Cardinal Road	Waincliffe Terrace To Bollards	Beeston & Holbeck	C, F, K
Chapelton Road	Start D/C Way To Sheeps St N Ib	Chapel Allerton	C
Chapelton Road	Sheepscar St N To End D/C Way Ob	Chapel Allerton	C

### Highways Infrastructure Maintenance (Roads) Programme 2020/2021

Street (Road No if applicable)	Extents	Ward	Work Type
Clay Pit Lane	Meanwood Road To End D/Cway Barrack Road	Chapel Allerton	C
Clay Pit Lane	Sheepscar Street Sth To Meanwood Road	Little London & Woodhouse	C
Corporation Street	Fountain Street R/Bout To Queensway	Morley South	F
Cragside Mount	Vesper Road To Cragside Walk	Kirkstall	C, F, K
Croft House Lane	Croft House Avenue To New Bank Street	Morley North	F
Cross Flatts Place	Wooler Street To Wooler Avenue	Beeston & Holbeck	C, F, K
Cudbear Street	Crown Point Road To Sheaf Street	Hunslet & Riverside	C, F, K
Dawsons Corner	Cote Lane To Outside House 58	Calverley & Farsley	C, F, K
Deanswood Drive	Cranmer Rise To Deanswood Green (Hse No 1)	Alwoodley	C
Deanswood Drive	Deanswood Green (Hse No 1) To Deanswood Rise	Alwoodley	C, F
Deanswood Drive	Deanswood Rise To Deanswood Hill	Alwoodley	C, F, K
Dorset Road	Hovingham Avenue To Chatsworth Road	Gipton & Harehills	C, F, K
Dulverton Gardens	Cottingley Drive To End ( Road To Garage Area Private)	Beeston & Holbeck	C, F, K
Eliot Grove	Shakespear Road To Ruskin Crescent	Guiseley & Rawdon	C, F, K
Falkland Rise	Falkland Mount To Broomhill Drive	Moortown	C
Fall Lane	Cave Lane To Meadow Side Road	Ardsley & Robin Hood	C, F
Foundry Mill Drive	Roundabout To Brooklands Drive	Killingbeck & Seacroft	C, F, K
Fourth Avenue	Leeds Road To End	Rothwell	C, F, K
Ganners Way	Ganners Hill To Newlay Lane	Bramley & Stanningley	C, F, K
Glensdale Mount	East Park Drive To Temple View Road	Burmantofts & Richmond Hill	F
Granby Road	St Michaels Road To Granby Terrace	Headingley & Hyde Park	C, F, K
Grange Park Crescent	Dib Lane To Grange Park Rise	Killingbeck & Seacroft	C, F, K
Great George Street	Park Street To Portland Street	Little London & Woodhouse	C
Great George Street	Portland Street to Oxford Place	Little London & Woodhouse	C, F, K
Grove Road	Clifford Road To High street	Wetherby	F
Hall Lane	Fink Hill To Rawdon Road	Horsforth	C, F, K
Harold Mount	Thornville Road To End	Headingley & Hyde Park	F
Henley Close	Town Street To End (Inc Opp Spur)	Horsforth	C, F, K
Hereford Street	Arksey Terrace To Chichester Street	Armley	F
High Street	Leyes Lane To Church Street	Wetherby	C, F
High Street	Church Street To Bridge Road	Wetherby	C
High Street	Fountain Street To End One Way South Queen Street	Morley South	C, F, K
Hillingdon Way	Meadow Way To The Fairway	Alwoodley	C, F, K

### Highways Infrastructure Maintenance (Roads) Programme 2020/2021

Street (Road No if applicable)	Extents	Ward	Work Type
Hilton Grove	Avenue Hill To Hilton Place	Chapel Allerton	C, F, K
Hunslet Road	Crown Point Road To Sheaf Street	Hunslet & Riverside	C, F, K
Hunslet Road	Leathley Road To Black Bull Street	Hunslet & Riverside	F
Inglewood Drive	York Road (Hse 2 Inglewood Dr) To York Road	Killingbeck & Seacroft	C, F, K
Kirkstall Hill	Eden Road To Kirkstall Lane	Kirkstall	C, F, K
Latchmere Drive	Latchmere Gardens To Latchmere Crest	Kirkstall	C, F, K
Leeds And Bradford Road	Intake Lane To End	Bramley & Stanningley	C, F, K
Lewisham Street	Bruntcliffe Road To End	Morley South	F
Lickless Terrace	Lickless Drive To End	Horsforth	C, F, K
Lidgett Hill	Lidgett Lane To End	Roundhay	C, F, K
Lidgett Walk	Jackson Avenue To Thorn Lane	Roundhay	C
Main Street	Chapel Street To Cave Lane	Ardsley & Robin Hood	C, F, K
Main Street	A659 Arthington Ln To A659 Pool Rd	Adel & Wharfedale	C, F
Main Street	A659 Pool Rd To De-Restriction Sign North River Bridge	Adel & Wharfedale	C, F
Meanwood Road	B6159 Grove Lane To Monk Bridge Road	Weetwood	C, F, K
Meynell Mount	Park West To End	Rothwell	C, F, K
Moorgate Road	Leeds Road To Ends	Kippax & Methley	F
Moorland Crescent	Moorland Road To End	Calverley & Farsley	C, F, K
Nassau Place	Leopold Street To Louis Street	Chapel Allerton	C
Nassau Place	Francis Street To Harehills Avenue	Chapel Allerton	C, F, K
North Street	Byron Street (start of one way) To Wintoun Street	Little London & Woodhouse	C, F, K
Oaklea Gardens	Adel Lane To End	Adel & Wharfedale	C, F, K
Oakwood Avenue	"Oakwood Lane To Oakwood Boundary Road	Roundhay	C, F, K
Orion Drive	Middleton Road To Orion Crescent	Middleton Park	F
Pontefract Lane	CI Mini Rdbt Cross Green Lane To Start Traffic Island End 2 Way	Burmantofts & Richmond Hill	C, F, K
Pool Road	A658 Slip To Jnct A658 Main St, Wharf View	Adel & Wharfedale	C, F
Potternewton Court	Potternewton Lane To End	Chapel Allerton	C, F, K
Pudsey Road	Ridge View To Hough Tree Road	Pudsey	C, F, K
Queenshill Drive	King Lane To Turning Circle	Moortown	C, F
Queenshill Drive	Turning Circle To Queenshill Avenue	Moortown	C, F, K
Queenshill View	Queenshill Avenue To End Including Spur	Moortown	C, F, K
Raynel Gardens	Raynel Drive To Raynel Way	Weetwood	C, F, K
Ring Road Crossgates	Crossgates Road Roundabout	Killingbeck & Seacroft	C
Ring Road West Park	Start Dual C/Way To Spen Lane (E/B)	Kirkstall	C, F

### Highways Infrastructure Maintenance (Roads) Programme 2020/2021

Street (Road No if applicable)	Extents	Ward	Work Type
Ring Road West Park	Spen Lane To End Dual Carriageway (W/B)	Kirkstall	C
Ringwood Drive	Ringwood Gardens To End	Cross Gates & Whinmoor	F
Roundhay Mount	Harehills Lane To Gledhow Valley Road	Chapel Allerton	C, F, K
Royal Park Road	Queens Road To Hyde Park Road	Headingley & Hyde Park	C, F, K
Rufford Bank	Rufford Avenue To Rufford Crescent	Otley & Yeadon	C, F, K
Rufford Crescent	Rufford Avenue To Rufford Ridge	Otley & Yeadon	C, F, K
Rufford Ridge	Rufford Avenue To Rockville Terrace	Otley & Yeadon	C, F, K
Sandbed Lane	Church Lane To End	Cross Gates & Whinmoor	C, F, K
Sandyacres	Haigh Road To End	Rothwell	C, F, K
Sandyacres Crescent	Haigh Road To Sandyacres Crescent	Rothwell	C, F, K
Shadwell Park Avenue	Shadwell Park Drive To Shadwell Lane	Harewood	F
Shadwell Park Close	Shadwell Park Avenue To End	Harewood	F
Shadwell Park Drive	Roundhay Park Lane To End	Harewood	F
Shadwell Park Gardens	Shadwell Park Avenue To End	Harewood	C, F, K
Sheepscar Street South	A58 Interchange To Start D/Cway	Little London & Woodhouse	C
Smithy Lane	Constable Road To Westerton Road	Ardsley & Robin Hood	C
Smithy Lane	Nr Hse 47 Jct Smithy Lane To Greenwood Road	Ardsley & Robin Hood	C
South Close	Southway To End	Guiseley & Rawdon	C
South Parade	East Paraded To Park Row	Little London & Woodhouse	C, F, K
Springwood Road	Micklefield Lane To Apperley Lane	Horsforth	C, F, K
St Johns Road	Belle Vue Road To Victoria Street	Little London & Woodhouse	C, F, K
St Michaels Lane	Talbot View To Railway Bridge (Nr St Anns Drive)	Kirkstall	C, F
Standale Rise	Standale Avenue To End	Calverley & Farsley	C
Stanhope Close	Stanhope Avenue To End	Horsforth	C, F, K
Stonecliffe Crescent	Stonecliffe Garth To End	Farnley & Wortley	C, F, K
Stonecliffe Garth	Stonebridge Lane To End	Farnley & Wortley	C, F, K
Stonecliffe Mount	Stonebridge Lane To End	Farnley & Wortley	C, F, K
Telford Place	Woodhouse Hill Road To End	Hunslet & Riverside	C, F, K
The Crescent	Otley Road To The Drive	Adel & Wharfedale	C, F, K
Thorn Lane	Gledhow Lane To Lidgett Walk	Roundhay	C, F
Thornville Street	Royal Park Road To End	Headingley & Hyde Park	F
Throstle Road	Speed Bumps (2 Way Start) To Throstle Lane	Middleton Park	C, F
Tingley Common	Exit Rein Rd Interchange To Start Dual C/Way	Morley South	C
Torre Road	Lupton Avenue To Appleton Way	Burmantofts & Richmond Hill	C, F, K

### Highways Infrastructure Maintenance (Roads) Programme 2020/2021

Street (Road No if applicable)	Extents	Ward	Work Type
Torre Road	Appleton Way To Nippet Lane	Burmantofts & Richmond Hill	C, F
Town Street	New Street To Bagley Lane	Calverley & Farsley	F
Vesper Walk	Abbey Road To End	Kirkstall	C, F, K
Victoria Street	Woodland Lane To No 64 On Corner	Chapel Allerton	F
Victoria Street	No64 On Corner To Short Lane	Chapel Allerton	C, F, K
Village Avenue	Stanmore Hill To End	Kirkstall	C, F, K
Village Place	Stanmore Hill To End	Kirkstall	C, F, K
Weetwood Grange Grove	Otley Road To Weetwood Road	Weetwood	C, F, K
Weston Lane	Billams Hill To Weston Lane Spur	Otley & Yeadon	C, F, K
Westover Road	Town Street To Westover View	Bramley & Stanningley	C, F, K
Whitehall Road	B6135 Bradford Road To New Lane	Morley North	C
Woodhouse Lane	End D/Cway To Blackman Lane	Little London & Woodhouse	F
Wrenbeck Drive	The Crossway To Wrenbeck Avenue	Otley & Yeadon	C
Wrenbeck Drive	The Whartons To The Gills	Otley & Yeadon	F
York Road	B6159 Selby Rd to Killingbeck Drive	Killingbeck & Seacroft	C
Zoar Street	Troy Road To Commercial Street	Morley South	C, F, K

#### Total Highways Infrastructure Maintenance (Roads) Programme - Structural Maintenance

**£12,940,365**

#### Preventative Maintenance

A Programme of preventative maintenance to the adopted road network consisting of surface treatments to the carriageway or footway to arrest deterioration. (Work Types – Carriageway treatments - SD = Surface Dressing (PR – Principal Road (A), DR – Distributor road (B&C), UC – Unclassified Distributor, LR – Local Road). MA = Micro Asphalt

Street (Road No if applicable)	Extents	Ward	Work Type
Aberford Road	A642 Calverley Road To A642 Leeds Road	Rothwell	MA
Aberford Road	Paradise Way To Windmill Road	Wetherby	SD (DR)
Acre Circus	Acre Road Roundabout	Middleton Park	MA
Acre Crescent	Adj House 68 Acre Road To Acre Road	Middleton Park	MA
Acre Road	Acre Circus To End	Middleton Park	MA
Alwoodley Lane	King Lane To A61 Harrogate Road	Alwoodley	SD (DR)
Amberley Road	Oldfield Lane To Tong Road	Farnley & Wortley	SD (LR)
Armley Ridge Road	Town St To Stanningley Road	Armley	SD (UC)
Arthington Lane	Black Hill Road To Ent The Nunnery	Adel & Wharfedale	SD (PR)
Ashwood Drive	Greenfield Avenue To Church Avenue	Morley North	MA
Ashwood Grove	Ashwood Drive To End	Morley North	MA
Baghill Road	Batley Road To Westerton Road	Morley South	SD (DR)



### Highways Infrastructure Maintenance (Roads) Programme 2020/2021

Street (Road No if applicable)	Extents	Ward	Work Type
Bantam Close	Wide Lane To End	Morley South	MA
Barncroft Drive	Boggart Hill Drive To Kentmere Drive	Killingbeck & Seacroft	MA
Bellmount View	Waterloo Lane To End	Bramley & Stanningley	MA
Bentley Grove	Bentley Mount To End	Weetwood	MA
Bentley Mount	Bentley Lane To Monkbridge Drive	Weetwood	MA
Beza Street	Exit Tunstall Road Rdbt To Rdbt Church Street	Hunslet & Riverside	SD (LR)
Bolton Road	Rufford Avenue To Windmill Lane	Otley & Yeadon	MA
Borrowdale Crescent	Raynville Crescent To Start of Blocks	Armley	MA
Bownas Road	Hayfield Avenue To End	Wetherby	MA
Bradford Road	Tingley R/Bout To A654 Thorpe Lane (both sides)	Ardsley & Robin Hood	SD (PR)
Bradford Road	Dawsons Corner To Bradford Bndry (both sides)	Calverley & Farsley	SD (PR)
Broad Lane	Wyther Lane To B6157 Swinnow Lane	Bramley & Stanningley	SD (UC)
Brunswick Road	Surrey Road To Richardshaw Lane	Pudsey	MA
Burley Place	Start One Way Traffic Island Viaduct Road To Kirkstall Road	Armley	SD (UC)
Butterbowl Road	Butterbowl Drive To Whincover Drive	Farnley & Wortley	MA
Cain Close	Dent Street To End (House 1)	Burmantofts & Richmond Hill	MA
Cain Close	Dent Street To End (House 23)	Burmantofts & Richmond Hill	MA
Canal Road	Ledgard Way To Centre Canal Bridge (Viaduct Street)	Armley	SD (UC)
Carter Lane	Carter Mount To Carter Avenue	Temple Newsam	MA
Carter Mount	Hollyshaw Lane To End	Temple Newsam	MA
Carter Terrace	Hollyshaw Lane To End (Tarmac)	Temple Newsam	MA
Church Hill	Eastgate To A660 Leeds Road	Adel & Wharfedale	MA
Church Lane	The Drive To Swillington Lane	Garforth & Swillington	MA
Church Lane	Bingley Bank To Blackmoor Lane	Harewood	SD (LR)
Church Road	Chapel Lane To Wesley Road	Armley	SD (LR)
Churchgate	Church Hill To End	Adel & Wharfedale	MA
Clarendon Road	St Johns View To A659 High Street	Wetherby	MA
Clarendon Road	Woodhouse Lane To Moorland Road	Headingley & Hyde Park	SD (UC)
Cliff Crescent	Gibson Lane To Sandgate Terrace	Kippax & Methley	MA
Cobden Place	Pinder Avenue To Cobden Street	Farnley & Wortley	MA
Cobden Road	Cobden Street To Whincover Road	Farnley & Wortley	MA
Cobden Street	Cow Close Road To Cobden Road	Farnley & Wortley	MA
Cobden Terrace	Cobden Street To Pinder Avenue	Farnley & Wortley	MA
Colton Road	Selby Road To Bollards	Temple Newsam	MA

### Highways Infrastructure Maintenance (Roads) Programme 2020/2021

Street (Road No if applicable)	Extents	Ward	Work Type
Croft Drive	Croft Road To Lyndon Road	Wetherby	MA
Croft House Grove	New Bank Street To Croft House Road	Morley North	MA
Croft Road	Clifford Road To Croft Drive	Wetherby	MA
East Chevin Road	Silver Mill Hill To Springfield Farm	Otley & Yeadon	SD (LR)
Edinburgh Avenue	Town Street To Paisley Road	Armley	MA
Edinburgh Terrace	Town Street To Paisley Road	Armley	MA
Eshald Lane	Aberford Road To Fleet lane	Rothwell	MA
Fleet Lane	Black Gates Ent For Yard To Depot (After Car Park) Rest Private	Rothwell	SD (LR)
Foxcroft Mount	Queenswood Road (Hse 1) To Queenswood Road (Hse 68)	Kirkstall	MA
Foxcroft Road	Queenswood Road To Queenswood Drive	Kirkstall	MA
Gipton Wood Avenue	Copgrove Road To Arlington Road	Roundhay	MA
Glebe Mount	New Street To End	Pudsey	MA
Glebe Street	New Street To South Parade	Pudsey	MA
Gledhow Lane	Gledhow Valley Rd To King George Ave	Roundhay	SD (UC)
Gledhow Park Avenue	Gledhow Park Grove To Gledhow Park Drive	Chapel Allerton	MA
Gledhow Park Grove	Gledhow Park Avenue To End	Chapel Allerton	MA
Green Hill Road	North Bndry Travellers Ph To Trescoe Avenue	Armley	SD (UC)
Green Lane	Tong Road To Oak Road	Armley	SD (LR)
Greenfield Avenue	Scott Green To Ashwood Drive	Morley North	MA
Greenock Place	Paisley Road To Greenock Road	Armley	MA
Greenock Road	Edinburgh Avenue To Oban Street	Armley	MA
Greenock Street	Paisley Road To Greenock Road	Armley	MA
Greenock Terrace	Paisley Road To Greenock Road	Armley	MA
Grove Lane	B6157 Shaw Lane To Meanwood Road	Weetwood	SD (DR)
Haigh Gardens	Haigh Terrace To End	Rothwell	MA
Haigh Terrace	Wood Lane To End	Rothwell	MA
Hall Lane	Oak Road To Chapel Lane	Armley	SD (LR)
Hall Road	Goody Cross Lane To End	Garforth & Swillington	MA
Harehills Lane	Compton Road To A64 York Road	Gipton & Harehills	SD (DR)
Hartley Street	Clough Street To Middleton Grove	Morley South	MA
Hayfield Avenue	Clarendon Road To Parkfield Drive	Wetherby	MA
Heathercroft	Roxholme Grove To Start Of Blocks (Inc Spur)	Chapel Allerton	MA
High Ash Avenue	High Ash Drive To Plantation Gardens	Alwoodley	MA
High Ash Drive	High Ash Avenue To Cul De Sac	Alwoodley	MA

### Highways Infrastructure Maintenance (Roads) Programme 2020/2021

Street (Road No if applicable)	Extents	Ward	Work Type
Highthorne Grove	Highthorne Street To Paisley Road	Armley	MA
Highthorne Street	Armley Ridge Road To Highthorne Grove	Armley	MA
Highthorne View	Paisley Road To Highthorne Street	Armley	MA
Hill Top Road	Town Street To North Bndry Travellers Rest Ph	Armley	SD (UC)
Hobberley Lane	Main Street To Whinmoor Lane	Harewood	SD (LR)
Hollin Park Crescent	Hollin Park Road (Adj Hses 8/10) To Hollin Park Mount	Killingbeck & Seacroft	MA
Hollin Park Terrace	Dib Lane To Hollin Park Road	Killingbeck & Seacroft	MA
Hollyshaw Grove	Hollyshaw Lane To End	Temple Newsam	MA
Hollyshaw Street	Hollyshaw Lane To Hollyshaw Terrace	Temple Newsam	MA
Hollyshaw Terrace	Hollyshaw Grove To Hollyshaw Street	Temple Newsam	MA
Hopewell View	Mount Pleasant To Ring Road Middleton	Middleton Park	MA
Ingle Avenue	Horsfall Street To Ingle Court	Morley North	MA
Ingle Avenue	Houses 97/99 To Houses 141/143	Morley North	MA
Intake Square	Thorpe Crescent (House 1 Odds) To Thorpe View	Middleton Park	MA
Intake Square	Thorpe View To Thorpe Crescent (Evens)	Middleton Park	MA
Ivy Avenue	Ivy Street To End	Burmantofts & Richmond Hill	MA
Jackdaw Lane	Clarendon Road To Demarkation Strip	Wetherby	MA
Kiddal Lane	Potterton Lane To A64 York Road	Harewood	SD (DR)
Kirkstall Avenue	Raynville Road To Broad Lane	Armley	MA
Lancastre Avenue	Victoria Park Grove To Broad Lane	Armley	MA
Lea Park Drive	Ring Road Middleton To Lea Park Vale	Middleton Park	MA
Ledgard Way	Armley Road To Canal Road	Armley	SD (UC)
Leeds Road	A63 Selby Road To High Street	Kippax & Methley	SD (DR)
Lidgett Park Road	Talbot Road To End	Roundhay	MA
Lingfield Drive	Lingfield Approach Rbt To Ring Road Moortown	Alwoodley	MA
Littlemoor Crescent	Littlemoor Crescent South To Road	Pudsey	MA
Littlemoor Crescent South	Fartown To Littlemoor Crescent	Pudsey	MA
Littlemoor Gardens	Littlemoor Crescent To End	Pudsey	MA
Longthorpe Lane	Lingwell Gate Lane To A61 Leeds Road	Ardsley & Robin Hood	SD (DR)
Lynwood Avenue	Dixon Lane To Lynwood Crescent	Farnley & Wortley	MA
Lynwood Crescent	Lynwood Mount To Dragon Road	Farnley & Wortley	MA
Lynwood Grove	Lynwood Crescent To End	Farnley & Wortley	MA
Magpie Lane	Wide Lane To High Street	Morley South	SD (LR)
Meadow Close	Hayfield Avenue To End	Wetherby	MA

### Highways Infrastructure Maintenance (Roads) Programme 2020/2021

Street (Road No if applicable)	Extents	Ward	Work Type
Mexborough Street	Chapelton Road To Scott Hall Road	Chapel Allerton	MA
Middleton Grove	Middleton Road To Back Hartley Street	Morley South	MA
Middleton Park Road	Service Road Jnct Front House 160 East To Jnct Front House 110	Middleton Park	MA
Middleton Park Road	End Dual C/Way (adj Town Street) To Lingwell Road	Middleton Park	SD (UC)
Monkswood Rise	Monkswood Avenue To Monkswood Walk	Killingbeck & Seacroft	MA
Moor Grange View	Moor Grange Drive To West Park Drive	Kirkstall	MA
Moorland Crescent	Moorland Avenue To Moor Lane	Guiseley & Rawdon	MA
Moorland Drive	Moorland Crescent To Moorland Avenue	Guiseley & Rawdon	MA
New Bank Street	King George Avenue To Croft House Drive	Morley North	MA
New Road Side	Micklefield Lane To Green Lane R/About	Guiseley & Rawdon	SD (PR)
New Street	Bradford Road To Town Street	Calverley & Farsley	SD (LR)
New Street	Littlemoor Road To Carlisle Road	Pudsey	SD (LR)
Newall Hall Park	Billams Hill To Ends	Otley & Yeadon	MA
Old Lane	Town Street To A653 Dewsbury Road	Beeston & Holbeck	SD (UC)
Otley Road	Ent The Nunnery To A61 Harrogate Rd	Harewood	SD (PR)
Paisley Grove	Back Highthorne View To Paisley Road	Armley	MA
Paisley View	Back Highthorne Grove To Paisley Road	Armley	MA
Park Grove	Parkway To Ends	Morley North	MA
Parkfield Drive	A659 High Street To End	Wetherby	MA
Parsons Green	Walton Road To Greenfold Lane	Wetherby	MA
Pinder Street	Cobden Street To Pinder Avenue	Farnley & Wortley	MA
Plantation Avenue	Templenewsam Road To Grove Road	Temple Newsam	MA
Plantation Gardens	Wigton Lane To High Ash Avenue	Alwoodley	MA
Portage Avenue	Selby Road To Sherbrooke Avenue	Temple Newsam	MA
Portage Crescent	Oak Road To Boldmere Road	Temple Newsam	MA
Potterton Lane	Meadow View To Kiddal Lane	Harewood	SD (DR)
Primley Park Crescent	Primley Park Ave (adj House 49) to Primley park Crescent (adj House 19)	Alwoodley	MA
Privilege Street	Thornhill Road To End	Farnley & Wortley	MA
Raynville Road	Outgang Lane To Armley Ridge Road	Armley	SD (LR)
Ring Road Middleton	Lingwell Road To Belle Isle Road Rdbt	Middleton Park	SD (UC)
Roderick Street	Privilege Street To End	Farnley & Wortley	MA
Roman Avenue	Vale Avenue To West Park Drive West	Roundhay	MA
Rookwood Avenue	Osmondthorpe Lane To York Road	Burmantofts & Richmond Hill	MA

### Highways Infrastructure Maintenance (Roads) Programme 2020/2021

Street (Road No if applicable)	Extents	Ward	Work Type
Roxholme Grove	Harehills Lane To Gledhow Park Avenue	Chapel Allerton	MA
Sandgate Terrace	Cliff Crescent To Lime Tree Crescent	Kippax & Methley	MA
Sandmoor Green	Sandmoor Lane To Footpath End (Rest Private)	Alwoodley	MA
Scatcherd Grove	Scatcherd Lane To End	Morley South	MA
Scott Hall Road	Buslingthorpe Lane To Stainbeck Lane (both sides)	Chapel Allerton	SD (PR)
Selby Road	A642 Rdbt To A1/M1 Rdbt	Garforth & Swillington	SD (PR)
Shaw Lane	A660 Otley Road To Moor Road	Weetwood	SD (DR)
Skelton Terrace	Ivy Avenue To Ings Road	Burmantofts & Richmond Hill	MA
South Hill Way	Ring Road Middleton To End	Middleton Park	MA
South Parade	Radcliffe Lane To Carlisle Road	Pudsey	MA
Spibey Crescent	Spibey Lane To End	Rothwell	MA
Stanningley Road	Hough Lane To Railsfield Mount	Armley	SD (UC)
Stanningley Road	Railsfield Mount To Elder Road	Armley	SD (UC)
Station Road	Town Street To Modder Avenue	Armley	MA
Stonebridge Lane	Ring Road Roundabout To Cross Lane	Farnley & Wortley	SD (LR)
Summer Hill Road	Saville Road To End	Kippax & Methley	MA
Sunnybank Court	Sunnybank Crescent To Ends	Otley & Yeadon	MA
Swinnow Lane	Stanningley Road To Leeds & Bradford Road	Pudsey	SD (DR)
Swinnow Lane	Swinnow Road To Stanningley Road	Pudsey	SD (UC)
Syke Road	Westerton Road To A653 Dewsbury Road	Morley South	SD (DR)
Talbot Avenue	Moor Allerton Crescent To Talbot Rise	Roundhay	MA
Templenewsam Road	Last House To End	Temple Newsam	SD (LR)
The Firs	Ling Lane To Ends	Harewood	MA
The Hollings	Leeds Road To T Junction S/O House 1	Kippax & Methley	MA
The Hollings	Cul De Sac Adj 15 To End	Kippax & Methley	MA
The Hollings	Fronting Outside House 2 To House 14	Kippax & Methley	MA
Thornhill Place	Privilege Street To Start Parking Bays (All Parking Areas Private)	Farnley & Wortley	MA
Thornhill Street	Privilege Street To End (Including Parking Bay)	Farnley & Wortley	MA
Thorpe Crescent	Intake Square To Intake Square	Middleton Park	MA
Thorpe Road	Richardshaw Lane To Westdate Drive	Pudsey	MA
Town Street	Wesley Road To Carr Crofts	Armley	SD (UC)
Town Street	Carr Crofts To Station Road	Armley	SD (UC)
Town Street	Station Road To Wortley Road	Armley	SD (UC)
Valley Mount	Valley Road To Goodwood Avenue	Kippax & Methley	MA

### Highways Infrastructure Maintenance (Roads) Programme 2020/2021

Street (Road No if applicable)	Extents	Ward	Work Type	
Valley Ridge	Jnct Valley Road Near House No 138 To End	Kippax & Methley	MA	
Viaduct Road	Centre Canal Bridge (Canal Road) To A65 Kirkstall Road	Armley	SD (UC)	
Vicars Terrace	Main Street To Park Lane	Kippax & Methley	MA	
Victoria Avenue	Ivy Avenue To Ivy Grove	Burmantofts & Richmond Hill	MA	
Victoria Grove	Dawlish Crescent To Ivy Avenue	Burmantofts & Richmond Hill	MA	
Victoria Mount	Victoria Avenue To End	Horsforth	MA	
Victoria Park Avenue	Victoria Park Grove To Lancastre Grove	Armley	MA	
Victoria Road	Cardigan Rd To Headingley Lane	Headingley & Hyde Park	SD (UC)	
Victoria Street	Station Road To Main Street	Kippax & Methley	MA	
Wakefield Road	M62 R/Bout to Oulton Lane	Rothwell	SD (PR)	
Weetwood Road	Otley Road To Spen Road	Weetwood	MA	
West Chevin Road	A659 Bradford Road To Main Entry Caravan Park	Otley & Yeadon	SD (UC)	
West Wood Court	Bodmin Approach To End	Middleton Park	MA	
Westbourne Grove	Bradford Road To West Busk Lane	Otley & Yeadon	MA	
Western Grove	Lower Wortley Road To End House 25 (Start Lh Bend)	Farnley & Wortley	MA	
Western Mount	Western Grove To End	Farnley & Wortley	MA	
Western Road	Western Grove To End	Farnley & Wortley	MA	
Western Street	Western Grove To End	Farnley & Wortley	MA	
Westfield Drive	Westfield Mount To Westfield Oval	Guiseley & Rawdon	MA	
Westfield Oval	Westfield Drive To Westfield Drive (Opp House 26)	Guiseley & Rawdon	MA	
Whincover Close	Whincover Drive To End	Farnley & Wortley	MA	
Whitehouse Avenue	Whitehouse Lane To Whitehouse Crescent	Garforth & Swillington	MA	
Whitehouse Crescent	House No 1 To House No 35 "	Garforth & Swillington	MA	
Whitehouse Drive	Whitehouse Drive (No 1) To Whithouse Ave Opp Hse 77	Garforth & Swillington	MA	
Wolseley Road	Burley Road To Ends	Kirkstall	MA	
Woodacre Green	Keswick Lane To Outside House 56	Harewood	MA	
Woodacre Green	Jct Bankfield Outside House 54 To End (House 16)	Harewood	MA	
Woodacre Green	Keswick Lane To Woodacre Green (Past House No.1)	Harewood	MA	
Woodside View	Burley Road To Argie Avenue	Kirkstall	MA	
Woodside View	Argie Avenue To Bankfield Grove	Kirkstall	MA	
Worcester Avenue	Sharp House Road To Outside House 20	Middleton Park	MA	
Worcester Drive	"Worcester Avenue To T Junction	Middleton Park	MA	
York Road	Kiddal Lane To Start D/Cway	Harewood	SD (PR)	
<b>Total Highways Infrastructure Maintenance (Roads) Programmes - Preventative Maintenance</b>				<b>£3,124,710</b>

### Highways Infrastructure Maintenance (Roads) Programme 2020/2021

Street (Road No if applicable)	Extents	Ward	Work Type	
<b>Preventative Maintenance pre-patching</b> A supplementary programme of pre-patching works for the preventative works programme to the adopted road network for 2020/21. The locations will be identified during 2019/20 with the work carried out in 2019/20, to ensure the preventative works programme can be carried out without delay in 2019/20				<b>£1,364,271</b>
<b>Minor Works</b> A supplementary programme of minor works permits a greater degree of flexibility in dealing with shorter lengths of defective carriageway that contribute to performance indicators. It allows small schemes between the values £5,000 and £30,000 to get promoted as they would otherwise not get done because of the relatively good condition of the surrounding section.				<b>£500,000</b>
<b>Drainage Schemes</b> A programme of localised drainage schemes where water flowing over and standing on the carriageway can compromise the condition of the foundation of the road and result in long term damage or compromise safety, or where water flowing off the highway may cause damage to private property.				<b>£150,000</b>
<b>Machine Condition Surveys</b> For the continuation of the compulsory machine survey of all classified roads. The results of this SCANNER survey will provide the condition data in 2018/2019 for national road condition indicators 168 and 169. In addition, surveys on the principal roads using the SCRIM skidding resistance machines will continue, these will then be assessed in accordance with our Skid Resistance Policy and Procedure. The surveys are carried out by a specialist contractor.				<b>£35,000</b>
<b>Course Visual Inspection &amp; Footway Inventory and Condition Surveys</b> For the continuation of these surveys on local roads to assess their condition against national guidance / criteria, it is necessary to outsource this work through the West Yorkshire partnership, this will allow us to continue to complete assessments of a quarter of the city every year. At present we are not sure of the final figure for this work as the contract is currently out to tender, however it is believe that this will be more than sufficient to carry out the necessary work. The surveys are carried out by a specialist contractor.				<b>£40,000</b>
			Sub total	<b>£18,154,343</b>
<b>Total Highways Infrastructure Maintenance (Roads) Programmes Carried forward from 2018/19</b> (From Appendix B1)				<b>£851,532</b>
			Sub total	<b>£19,005,878</b>
<b>Total Highways Infrastructure Maintenance (Roads) Funding Carried forward from 2018/19</b> (From Appendix B1)				<b>£278,578</b>
<b>Total Highways Infrastructure Maintenance (Roads) Programmes 2019/2020</b>				<b>£18,727,300</b>

### Highways Infrastructure Maintenance (Roads) Programme 2021/2023 (PROVISIONAL)

#### Programme Area

#### Structural Maintenance (Provisional)

A provisional Programme of structural maintenance to the adopted road network to strengthen and resurface with associated kerb and footway works where required. These provisional schemes in for 2020/21 and 2021/22 will be brought forward into the 2018/19 year programme should planned schemes be delayed or savings accrue on delivery of the planned schemes.

(Work Types – C = Carriageway, F = Footway, K = Kerb)

Street (Road No if applicable)	Extents	Ward	Work Type	Comment
<b>2021/2022</b>				
Abbey Street	Kirkstall Road To Cavendish Street	Little London Woodhouse	C, F, K	
Acre Mount	Acre Crescent To Thorpe Road	Middleton Park	C, F, K	
Airedale Drive	Rawdon Road To Park Drive	Horsforth	C, F, K	
Airedale Grove	Airedale Drive To End	Horsforth	C, F, K	
Alandale Road	Barleyhill Road To Kingsway	Garforth And Swillington	C, F	
Albert Road	Station Road To B6123 Wide Lane	Morley South	C, F, K	
Alder Hill Avenue	Stonegate Road To End	Moortown	C, F, K	
Allerton Grange Rise	Stainburn Terrace To Allerton Grange	Moortown	F, K	
Ancaster Road	Kepstorn Road To Harrowby Road	Weetwood	F, K	
Argie Road	Bankfield Road To Argie Avenue	Kirkstall	F, K	
Argie Road	Argie Avenue To Burley Road	Kirkstall	C, F, K	
Atlanta Street	Newport Avenue To Boundary House 27/29 (Rest Private)	Bramley And Stanningley	C, F, K	
Austhorpe View	Whitkirk Lane To End	Temple Newsam	C	
Back Lombard Street	Apperley Lane To Lombard Street	Guiseley And Rawdon	C	
Bankfield Terrace	Bankfield Road To Argie Avenue	Kirkstall	F, K	
Barncroft Gardens	Barncroft Rise To End	Killingbeck And Seacroft	C	
Bath Road	Water Lane To Derwent Place	Beeston And Holbeck	C, F, K	
Bath Road	Derwent Place To Sweet Street West	Beeston And Holbeck	C, F	
Bayswater Grove	Gledhow Road To Bexley Road	Gipton And Harehills	C, F, K	
Beckhill Grove	Miles Hill Road To End	Chapel Allerton	C, F, K	
Beckhill Place	Beckhill Approach To End	Chapel Allerton	C, F, K	
Beechwood Place	Lumley Avenue To Beechwood Crescent	Kirkstall	F, K	
Black Bull Street	Crown Point Road To Hunslet Road	Hunslet And Riverside	C, F	
Blake Grove	St Martins Road to Potternewton Lane	Chapel Allerton	C	
Bolsover Close	Braemar Drive To End (Inc Turning Head)	Garforth And Swillington	F	
Brooklands Avenue	Brooklands Crescent To Blencarn Close	Killingbeck And Seacroft	C, F, K	
Brooklands Avenue	Blencarn Close To Kentmere Avenue	Killingbeck And Seacroft	C, F	
Broomfield Road	Newport Road To Chapel Lane	Headingley And Hyde Park	C, F, K	
Butts Court	Short Street To End	Little London Woodhouse	C, F, K	



### Highways Infrastructure Maintenance (Roads) Programme 2021/2023 (PROVISIONAL)

Street (Road No if applicable)	Extents	Ward	Work Type	Comment
Calverley Lane	New Road Side To Side Of Lodge (Ent to Cemetery)	Horsforth	C, F, K	
Carr Manor Crescent	Stonegate Road To Carr Manor Road	Moortown	C, F, K	
Castle Ings Drive	Castle Ings Gardens To Low Moor Side	Farnley And Wortley	F, K	
Castle Ings Gardens	Low Moor Side To Castle Ings Drive	Farnley And Wortley	C, F, K	
Church Lane	Manston Approach To Barwick Road	Cross Gates And Whinmoor	C, F	
Clough Street	Peel Street To Middleton Road	Morley South	C, F, K	
Concordia Street	Swinegate To Sovereign Street	Hunslet And Riverside	C, F	
Cranmore Rise	Cranmore Crescent To End	Middleton Park	C, F, K	
Crow Lane	House 27 To West View	Otley And Yeadon	C, F, K	
De Lacy Mount	Abbey Road To Morris Lane	Kirkstall	F, K	
Deanswood View	Deanswood Hill To Boundary Farm Road	Alwoodley	C, F, K	
Domestic Street	Domestic Road Rdbt To Wortley Lane Rdbt (Both Sides)	Beeston And Holbeck	C, F, K	
Dufton Approach	Moresdale Lane To Cul Del Sac (Opp Hse 51)	Killingbeck And Seacroft	C, F, K	
Dufton Approach	Cul Del Sac (Opp Hse 51) To Ironwood Crescent	Killingbeck And Seacroft	C, F	
Falkland Mount	Harrogate Road To Broomhill Drive	Moortown	C, F, K	
Farnley Lane	Service Road For House 52 To House 70	Otley And Yeadon	C	
Featherbank Mount	Charles Street To End	Horsforth	C	
Hanover Lane	Left Hand Side To Right Hand Side	Little London Woodhouse	C, F, K	
Higher Grange Road	Pembroke Drive To Back Richardshaw Lane	Pudsey	C	
Holbeck Lane	Water Lane To Domestic Street	Beeston And Holbeck	C, F, K	
Holbeck Moor Road	Domestic Street To Jenkinson Close	Beeston And Holbeck	C, F, K	
Holbeck Moor Road	Jenkinson Close To Moor View	Beeston And Holbeck	C	
Holt Park Crescent	Holt Park Road To End	Adel And Wharfedale	F	
Holt Park Grove	Holt Park Crescent To End	Adel And Wharfedale	F	
Holt Park View	Holt Park Crescent To End	Adel And Wharfedale	F	
Kennerleigh Crescent	Kingswear Crescent To Kennerleigh Avenue	Cross Gates And Whinmoor	C, F	
Kentmere Close	Kentmere Avenue To End	Killingbeck And Seacroft	C	
Kingsway	Moorside Road To Kingsdale Gardens	Morley North	C, F, K	
Knoll Wood Park	Outwood Lane To No. 56	Horsforth	C, F, K	
Laith Gardens	Otley Old Rd To End	Weetwood	C, F, K	
Landseer Drive	Landseer Road To Landseer View	Bramley And Stanningley	F, K	
Lay Garth Close	Lay Garth To End	Rothwell	C	
Lombard Street	Apperley Lane To London Lane	Guiseley And Rawdon	C, F, K	
Main Street	Linton Common To Northgate Lane	Harewood	C	

### Highways Infrastructure Maintenance (Roads) Programme 2021/2023 (PROVISIONAL)

Street (Road No if applicable)	Extents	Ward	Work Type	Comment
Mill Lane	Main Street To End Bdry Balgownie	Adel And Wharfedale	C, F, K	
Millcroft Estate	Mill Lane (Adj Hse 34) To End	Adel And Wharfedale	C, F, K	
Millshaw Park Drive	Millshaw Park Way To Gates	Beeston And Holbeck	C, F, K	
Moorland Avenue	Moorland Road To St Johns Avenue	Little London Woodhouse	C, F, K	
Morris Grove	Hesketh Road To End	Kirkstall	C, F, K	
Naburn Close	Sherburn Road North To End	Cross Gates And Whinmoor	C, F, K	
Nursery Lane	Primley Park Crescent To Harrogate Road	Alwoodley	C	
Oakwood Walk	Oakwood Grange Lane To End	Roundhay	C, F, K	
Parkside	New Road Side To Broadway	Horsforth	C, F, K	
Princess Street	Apperley Lane To London Lane	Guiseley And Rawdon	C, F, K	
Ramshead Gardens	Kentmere Avenue To Ramshead Hill	Killingbeck And Seacroft	C	
Sandleas Way	Smeaton Approach To Manston Lane	Cross Gates And Whinmoor	C, F, K	
Sandway	Hawkhill Avenue To Hawkhill Drive	Killingbeck And Seacroft	C, F, K	
Saxon Road	Saxon Grove To Blackmoor Road	Alwoodley	C, F	
Shadwell Park Grove	Shadwell Park Drive To Outside House 11	Harewood	F, K	
Shadwell Park Grove	Outside House 2 To End	Harewood	F, K	
Sharp Lane	Cl Bridge Over M1 To Throstle Road North	Middleton Park	C, F	
Side Copse	West View To Bremner Street	Otley And Yeadon	C, F, K	
Silk Mill Road	Silk Mill Drive To Woodnock Drive	Weetwood	C, F, K	
Springwell Road	Water Lane Towhitehall Road	Beeston And Holbeck	C, F, K	
St Margarets Avenue	St Margarets Road To Lee Lane East	Horsforth	F, K	
Stocks Road	Stocks Approach To End	Killingbeck And Seacroft	C, F	
Stone Brig Lane	Carlton Lane To Butcher Lane	Rothwell	C, F, K	
Stonegate Road	King Lane To Scott Hall Road	Moortown	C	
Storey Place	Sutton Approach To End	Killingbeck And Seacroft	C, F, K	
Sweet Street West	Bath Road To Marshall Street	Beeston And Holbeck	C, F, K	
Sydenham Street	Domestic Street To Ingram Distributor	Beeston And Holbeck	C, F, K	
Tarnside Drive	Alston Lane To Dufton Approach	Killingbeck And Seacroft	C, F, K	
Templegate Road	Templegate Avenue (No 1) To Templegate View	Temple Newsam	C	
Templegate Road	Templegate View To Temple View	Temple Newsam	C, F	
Town Street	Manor Farm Way To Belle Isle Road	Middleton Park	C, F, K	
Tyersal Court	Tyersal Drive To Side Hse 6 Tyersal Court	Pudsey	C, F, K	
Vicarage Avenue	Finkle Lane To End	Morley North	F	
Wade Lane	Merrion St To 36m North Merrion Way Adj Hume Hse L/C 9	Little London And Woodhouse	C	

### Highways Infrastructure Maintenance (Roads) Programme 2021/2023 (PROVISIONAL)

Street (Road No if applicable)	Extents	Ward	Work Type	Comment
Wade Lane	36m North Merrion Way Opp Hume Hse L/C 10 To Merrion St	Little London And Woodhouse	C	
Watson Road	Rye Place To York Road	Killingbeck And Seacroft	C, F, K	
Wharfe Crescent	Mill Lane To End	Adel And Wharfedale	C, F, K	
Whitehall Road	South End Nr A58 To Copley Hill	Beeston And Holbeck	C, F, K	
Whitehall Road	Kildare Terrace To End Nr Footbridge	Beeston And Holbeck	C, F, K	
Winrose Approach	Aberfield Drive To Aberfield Drive	Middleton Park	C, F, K	
Winrose Approach	Aberfield Drive To End	Middleton Park	C, F, K	
Woodhouse Lane	Clarendon Road To Hyde Park Road	Little London And Woodhouse	C, F, K	
Woodhouse Lane	Woodhouse Street To Clarendon Road	Little London And Woodhouse	C, F	
Wynmore Avenue	Leeds Road To North Drive	Adel And Wharfedale	F, K	
Wynmore Avenue	North Drive To Tredgold Avenue	Adel And Wharfedale	C, F, K	
<b>2022/2023</b>				
Access Road From Stoney Rise To The Green	Stoney Rise To The Green (Between Ped Xing And Garden Of Rest)	Horsforth	C	
Alexandra Road	Broadgate Lane To Broadway	Horsforth	F, K	
All Saints Circle	Eshald Place To All Saints Road (Both Sides)	Rothwell	C	
Allerton Grange Croft	Allerton Grange Way To End	Roundhay	C, F, K	
Argie Terrace	Burley Road To Argie Avenue	Kirkstall	C, F, K	
Ascot Road	Goodwood Avenue To Green Lane	Kippax And Methley	F	
Back Lane	Town Street To Stoney Rise	Horsforth	C, F, K	
Bankfield Gardens	Burley Grange Road To Bankfield Terrace	Kirkstall	C, F, K	
Bedford Drive	Silk Mill Drive To Tinshill Lane	Weetwood	C, F, K	
Bellmount Gardens	Bell Lane To End	Bramley And Stanningley	C, F, K	
Bentcliffe Avenue	Moor Allerton Crescent To Bentcliffe Lane	Moortown	F, K	
Burras Lane	Ash Grove To West Chevin Road	Otley And Yeadon	F	
Cardigan Fields	Cardigan Fields Road (One Way Left) To Milford Place	Kirkstall	C, F	
Cardigan Fields	Cardigan Field Road Right To End Traffic Island Start 2 Way	Kirkstall	C, F	
Cardigan Fields	Right Turn Lane (Sect 003) To Give Way Line	Kirkstall	C, F	
Cardigan Fields	Start One Way Near Lc7c61 (Side Of McDonalds) To Start Traffic Island	Kirkstall	C, F	
Chandos Avenue	Brackenwood Drive To Chandos Mews	Roundhay	C, F	
Chandos Avenue	Chandos Mews To Lidgett Lane	Roundhay	C, F, K	
Clarendon Road	Kelso Road To Statue Woodhouse Square	Little London Woodhouse	C, F, K	
Cliffe Park Rise	Cliffe Park Drive To End	Farnley And Wortley	C, F, K	

### Highways Infrastructure Maintenance (Roads) Programme 2021/2023 (PROVISIONAL)

Street (Road No if applicable)	Extents	Ward	Work Type	Comment
Cockshott Drive	Cockshott Lane To End	Armley	C, F, K	
Colmore Grove	Highfield Avenue To End	Farnley And Wortley	C, F, K	
Congreve Approach	Wetherby Road To Albans Close	Harewood	F	
Congreve Way	Congrave Approach To Second Avenue	Harewood	F	
Dean Avenue	Oakwell Avenue To Gledhow Wood Road	Roundhay	F, K	
Dib Lane	Oakwood Lane To Easterley Road	Killingbeck And Seacroft	F	
Dib Lane	Easterly Road To End Of 2nd Island	Killingbeck And Seacroft	F, K	
Dorset Avenue	Harehills Lane To Dorset Road	Gipton And Harehills	C, F	
Dulverton Green	Cottingley Drive To End (Parking Areas Private)	Beeston And Holbeck	F	
Ebberston Place	Victoria Road To Brudenell Road	Headingley And Hyde Park	C, F, K	
Emmott Drive	Layton Park Drive To Layton Lane	Horsforth	F, K	
Fairfield Street	Fairfield Road To Fairfield Grove	Bramley And Stanningley	C, F, K	
Fearnville Place	Reinwood Avenue To End	Killingbeck And Seacroft	C	
Fir Tree Vale	Fir Tree Approach To End	Alwoodley	C, F, K	
Floral Avenue	Potternewton Lane To End	Chapel Allerton	C, F, K	
Gipton Wood Crescent	Easterly Avenue To Upland Crescent	Roundhay	F, K	
Gledhow Avenue	Jackson Avenue To Lidgett Lane	Roundhay	C	
Graham Mount	Graham Avenue To End	Kirkstall	C, F, K	
Grange Park Road	Grange Park Close To Reinwood Avenue	Killingbeck And Seacroft	C	
Hall Road	Town Street To Church Road	Armley	C, F, K	
Hallfield Lane	Third Avenue To Horsefair	Wetherby	C	
Hamilton Avenue	Nassau Place To Hamilton Place	Chapel Allerton	C, F, K	
Hamilton Avenue	Hamilton Place To Hamilton Terrace	Chapel Allerton	C, F	
Harold Road	Thornville Road To Thornville Street	Headingley And Hyde Park	F, K	
Harold Road	Thornville Street To End	Headingley And Hyde Park	F	
Harold View	Thornville Road To Thornville Street	Headingley And Hyde Park	F, K	
Harold View	Thornville Street To End	Headingley And Hyde Park	F	
Heaton Avenue	Walkers Lane To End	Farnley And Wortley	C	
Hollin Gardens	Glen Rd To End Incl Loop	Weetwood	C	
Hollin Park Drive	Upper Carr Lane To Woodhall Road	Calverley And Farsley	C	
Hollin Park Road	Upper Carr Lane To Victoria Street	Calverley And Farsley	C	
Holly Road	Wickham Avenue (Opp Wickham Close) To Wickham Avenue	Wetherby	F	
Holt Lane	A660 Otley Road To Holt Road	Adel And Wharfedale	C	
Ironwood Approach	Tarnside Drive To Ironwood Crescent	Killingbeck And Seacroft	C	
Kellett Crescent	Walkers Lane To Dixon Lane	Farnley And Wortley	C, F, K	

### Highways Infrastructure Maintenance (Roads) Programme 2021/2023 (PROVISIONAL)

Street (Road No if applicable)	Extents	Ward	Work Type	Comment
Kempton Road	Westfield Lane To Goodwood Avenue	Kippax And Methley	F	
King Lane Service Road	Buckstone Crescent To King Lane Cycle Track	Alwoodley	C, F, K	
Kingsway	Westbourne Drive To Westbourne Grove	Garforth And Swillington	C	
Kirkfield Lane	Bramham Road To Kirkhills	Harewood	C, F	
Kirkfield Lane	Kirkhills To Ellerker Lane (Side Of House 45)	Harewood	F, K	
Kirkfield Lane	Outside Of House 43 To Ellerker Road	Harewood	C, F	
Lambton Terrace	Harehills Road To Roundhay Road	Gipton And Harehills	C	
Langwith Drive	Harewood Road To Upper Langwith	Harewood	C	
Langwith Valley Road	Upper Langwith To End	Harewood	C	
Latchmere View	House 54 To House 28	Kirkstall	C, F, K	
Laurel Terrace	Chapel Lane To Brentwood Terrace	Armley	F	
Lea Farm Road	Craggside Walk To Butcher Hill	Kirkstall	C, F, K	
Lidgett Place	The Drive To Lidgett Park Road	Roundhay	C, F, K	
Linton Avenue	Shadwell Lane To Linton Grove	Alwoodley	C, F	
Linton Grove	Linton Avenue To Linton Road	Alwoodley	C, F, K	
Linton Road	Linton Grove To High Ash Drive	Alwoodley	C	
Lyddon Terrace	University Road To End	Little London Woodhouse	F	
Mabgate	Skinner Lane To Start Cycle Lane Near New York Rd	Little London Woodhouse	C, F, K	
Manor Mill Lane	End Of Island To End	Beeston And Holbeck	C, F, K	
Manor Road	Victoria Rd Inc Slips To Marshall Street	Beeston And Holbeck	C, F, K	
Millshaw Park Way	Millshaw To End	Beeston And Holbeck	C, F, K	
Moorfield Road	Armley Ridge Road To St Ives Mount	Armley	C, F, K	
Moorfield Road	St Ives Mount To Town Street	Armley	C, F, K	
Moorland Drive	Harrogate Road To End	Moortown	C, F, K	
Moorland Ings	Moorland Drive To End	Moortown	C, F, K	
Morritt Grove	Primrose Lane To End	Temple Newsam	C	
Mount Pleasant Road	Clifton Road To The Lanes	Pudsey	C	
New Briggate	Merrion Street To Inner Ring Road Joins One Way Nearside Lanes	Little London Woodhouse	C, F	
Newton Road	Newton Park Drive To Harehills Lane	Chapel Allerton	F, K	
North Grove Avenue	Ainsty Road To End	Wetherby	C, F, K	
Otley Road	Outside 2 St Annes Road To Otley Road (Pavements Outside Shops Private)	Weetwood	C, F	
Oxford Drive	Westfield Lane (2 Oxford Dr) To Boundaries Of House No's 74/76	Kippax And Methley	C, F	
Park Mount	Vicarage Terrace To Morris Lane	Kirkstall	C, F, K	

### Highways Infrastructure Maintenance (Roads) Programme 2021/2023 (PROVISIONAL)

Street (Road No if applicable)	Extents	Ward	Work Type	Comment
Parkfield Mount	Beeston Road To Parkfield Road	Beeston And Holbeck	F, K	
Parkinson Approach	A642 To End Paving Block	Garforth And Swillington	C	
Pickering Avenue	Braemar Drive To End (Inc Turning Head)	Garforth And Swillington	F, K	
Pleasant Street	St Matthews Street To Domestic Street	Beeston And Holbeck	C, F	
Poole Crescent	Cold Well Road To Farm Road O/S School	Killingbeck And Seacroft	C, F	
Poole Crescent	Farm Road O/S School To Poole Road	Killingbeck And Seacroft	C	
Primrose Drive	Chapel Street To Longfield Drive	Temple Newsam	C, F, K	
Queensway	Haworth Ln To Banksfield Ave	Otley And Yeadon	C	
Reginald Street	Chapelton Road To Hall Lane	Chapel Allerton	C, F, K	
Ring Road Middleton	Service Road Sharp Lane To Belle Isle Road	Middleton Park	C, F, K	
Roker Lane	Tong Road To Littlemoor Road	Pudsey	C, F, K	
Rossefield Grove	Rossefield Approach To Henley Crescent	Bramley And Stanningley	C, F, K	
Saxon Grove	Tynwald Drive To Saxon Road	Alwoodley	C	
Scarsdale Lane	Congrave Approach To Congrave Way	Harewood	F, K	
Silver Lane	Haw Lane To High Street	Otley And Yeadon	C	
Silverdale Drive	Silverdale Avenue To Silverdale Grange	Guiseley And Rawdon	F, K	
Silverdale Drive	Cul De Sac Adj House 29 To End	Guiseley And Rawdon	F, K	
Spennithorne Avenue	Spennithorne Drive To Spennithorne Lane	Weetwood	C, F, K	
Spennithorne Avenue	Spennithorne Drive To Spennithorne Lane	Weetwood	C, F, K	
St Alban Mount	St Alban Approach To St Alban Crescent	Burmantofts Richmond Hill	C	
St Annes Road	Outside 16 St Annes Road To 103 Otley Road (Pavements Outside Shops Private)	Weetwood	C	
St Catherines Hill	St Catherines Drive (Adj Hse 40) To St Catherines Drive	Bramley And Stanningley	C, F, K	
St Marys Park Green	Start Of Block Paving To End (All Block Paving)	Armley	C	
St Michaels Road	Otley Road To Sagar Place	Headingley And Hyde Park	F, K	
Stanley Drive	West Park Road To Street Lane	Roundhay	C, F, K	
Summerfield Gardens	Calverley Lane To Summerfield Place	Bramley And Stanningley	F, K	
Sunbeam Place	Lodge Lane To Fulham Street	Hunslet And Riverside	C, F, K	
Temple Avenue	New Templegate To Outside House 45	Temple Newsam	C, F, K	
Temple Avenue	Outside House 45 To Outside House 99	Temple Newsam	C, F	
Temple Avenue	Outside House 99 To New Templegate	Temple Newsam	C	
Tenter Hill	Front Street To End	Wetherby	C, F, K	
The Avenue	The Drive To Lidgett Park Avenue	Roundhay	C, F	
The Drive	Lidgett Lane To Lidgett Place	Roundhay	C, F, K	
The Drive	Lidgett Place To North Park Grove	Roundhay	C, F	
Tinshill View	Tinshill Mount To End	Weetwood	C, F, K	
Torre Road	York Road Slip Roundabout	Burmantofts Richmond Hill	C	

### Highways Infrastructure Maintenance (Roads) Programme 2021/2023 (PROVISIONAL)

Street (Road No if applicable)	Extents	Ward	Work Type	Comment
Tyersal Crescent	Tyersal Road To Start Of End Hse 12	Pudsey	C	
Tyersal Green	Tyersal Road To End	Pudsey	F, K	
Vicar Lane	Headrow To Kirkgate	Little London Woodhouse	C, F	
Vicarage Terrace	Station Parade To Park Mount	Kirkstall	C, F, K	
Warrels Street	Granhamthorpe To Grosmont Road	Bramley And Stanningley	C, F, K	
Waterloo Road	Owlcotes Road To Marsh	Pudsey	C, F, K	
Wellington Bridge Street	Slip Wellington Street To Gotts Road	Little London Woodhouse	C, F	
Wellstone Rise	Swinnow Lane To Wellstone Avenue	Pudsey	C, F, K	
West Grange Gardens	West Grange Road To End	Middleton Park	C, F, K	
West Park Crescent	West Park Avenue To Park Lane	Roundhay	F	
West Park Road	Park Lane To West Park Avenue	Roundhay	C, F, K	
Westfield Lane	Goodwood Avenue To Green Lane	Kippax And Methley	F	
Whitehall Road	Start Of Concrete Road To End	Farnley And Wortley	C, F, K	
Wickham Avenue	Queens Road To High Street	Wetherby	F	
William Street	Elland Road To Hepworth Avenue	Morley North	C, F, K	
Woodbridge Crescent	Queenswood Drive (Adj 153) To Queenswood Drive	Kirkstall	C, F, K	
Woodhall Park Avenue	Woodhall Park Grove To Rockwood Road	Calverley And Farsley	F	
Woodhall Park Crescent East	Woodhall Park Drive To Woodhall Park Grove	Calverley And Farsley	C, F, K	
Wynford Avenue	Spennithorne Drive To Wynford Rise	Weetwood	C, F, K	
Wynford Avenue	Wynford Rise To Wynford Grove	Weetwood	C, F, K	
Wynford Avenue	Wynford Grove To Ring Road West Park	Weetwood	C, F	
Wynyard Drive	Bruntcliffe Lane To Corporation Street	Morley South	C, F	
York Road	Slip From A64 To A64 Via Torre Road R/About	Burmantofts Richmond Hill	C	
York Road	Slip From A64 To A64 Via Ivy Street R/About	Burmantofts Richmond Hill	C	
York Road	Start Dual C/Way To Entry A1m Rdbt (Both Sides)	Harewood	C	

### Highways Infrastructure Maintenance (Structures) Programme 2020/21

**Programme Area**
**Schemes brought forward from 2019/20 and schemes introduced for 2020/21**

Scheme No.	Structure	Description	Ward	Estimated Costs (£)		
				2020/21	2021/22 onwards	Comments
732548	Wellington Road North Footbridge	Replacement of temporary centre span; now included within Armley Gyratory Scheme.	City & Hunslet	0	0	C/fwd
732066	Otley Bridge Footway Cantilever	Refurbishment of cantilever footway	Otley & Yeadon	50,000	500,000	C/fwd
732292	Hansbygate Subway	Strengthening of substandard subway	Cross Gate & Whinmoor Killingbeck & Seacroft	50,000	200,000	C/fwd
732547	Water Lane Cantilever	Strengthening of substandard sections of footway	City & Hunslet	55,000	2,000,000	C/fwd
	Structures over Rivers Aire, Calder and Wharfe	Scour assessments and scour protection works.	Various	145,000	300,000	C/fwd
732282	Woodhouse Lane Bridge	Installation of new edge beams and parapets	City & Hunslet Hyde Park & Woodhouse	50,000	1,200,000	C/fwd
Various	Retentions	Retentions for completed schemes	Various	50,000	50,000	C/fwd
732728	Station Road Crossgates Railway Bridge	Replacement of failed deck joints	Cross Gate & Whinmoor	50,000	5,000	C/fwd
732286	Owlcotes Bridge	Bearing removal and replacement; reconstruction of concrete bearing plinths.	Calverley & Farsley	350,000	10,000	C/fwd
733162	Structures Minor Works	Minor repair/structural maintenance schemes at various locations around Leeds.	Various	600,000	600,000	New
732065	Thorp Arch Bridge	Scour Protection Works	Wetherby	600,000	25,000	C/fwd
732293	Regent Street Flyover	Bridge reconstruction - major scheme. Construction planned May 2020 to December 2021. Challenge Fund decision awaited. See paragraph 3.14.	City & Hunslet	0	6,300,000	C/fwd
732520	New York Road Viaduct	Re-waterproofing of bridge deck and installation of deck joints. Incorporated within Regent Street Flyover major scheme.	City & Hunslet	500,000	0	C/fwd



### Highways Infrastructure Maintenance (Structures) Programme 2020/21

Programme Area							
732491	LIRR Retaining wall Repairs	Repairs to reinforced concrete retaining wall. Incorporated within Regent Street Flyover major scheme.	City & Hunslet	500,000	0	C/fwd	
732732	LIRR Safety Features	Upgrade of Leeds Inner Ring Road safety features. Installation of Vehicle Restraint System on slip road to Clay Pit Lane Bridge.	City & Hunslet	50,000	1,200,000	C/fwd	
732744	West Chevin Bridge	Replacement of failed deck joints	Otley & Yeadon	75,000		C/fwd	
732744	Chevin Bottom Bridge	Replacement of failed deck joints	Otley & Yeadon	75,000		C/fwd	
732745	Wellington Street Viaduct	Replacement of failed deck joints and repairs to drainage system.	City & Hunslet	5,000	300,000	C/fwd	
	Dewsbury Road No2 Railway Bridge	Feasibility for parapet raising scheme	City & Hunslet	10,000	250,000	C/fwd	
732728	Wattlesyke Culvert	Reconstruction of failed section of culvert; to be carried out as part of S278 Highway Scheme	Harewood	5,000	0	C/fwd	
	Oatland Lane Bridge	Structural Maintenance - Repairs to Cathodic Protection System		280,000		New	
<b>Total estimated spend within 2020/21 on schemes brought forward from 2019/20 and schemes introduced for 2020/21</b>							<b>£3,500,000</b>

## Highways Infrastructure Maintenance (Structures) Programme 2020/21

### Programme Area

### Asset Management 2020/21

The structures capital programme includes an asset management element comprising of: principal and special inspections, asset valuation (which is a mandatory, auditable Government requirement from 2013) and work supporting the implementation of the guidance and recommendations in the Code of Practice for the Management of Highway Structures. The Bridges section will continue to prioritise the milestone actions that are used to demonstrate compliance with the Code to ensure that risk to the Council is minimised in terms of claims.

Scheme No.	Description	Ward	Estimated Costs (£)
			2020/21
712234	<u>Asset Management</u> Development and on-going implementation of Leeds City Council Highway Infrastructure Asset Management Plan. Review and implementation of the 2016 Code of Practice: Well-Managed Highway Infrastructure including Recommendations, Value Management and Whole Life Costing. Review and development of scheme and programme prioritisation. Risk assessment of Principal Inspection programme Management of low bridge register Development and management of the Bridge Management System (AMX). Project close-out/data transfer for completed bridge maintenance and strengthening schemes Development of long-term strategy for Leeds Inner Ring Road. Retaining Wall data collection	Various	225,000
713454	<u>Asset Valuation</u> This is a mandatory Government requirement as from 2013/14 in accordance with the 'Whole of Government Accounting' procedures.	Various	5,000
Whole Programme Sub Totals			230,000
<b>Total Highways Infrastructure Maintenance (Structures) Programme - Asset Management 2020/21</b>			<b>£230,000</b>

### Highways Infrastructure Maintenance (Structures) Programme 2020/21

Programme Area			
Assessments, Inspections and Monitoring 2020/21			
Scheme No.	Description	Ward	Estimated Costs (£)
			2020/21
	Structural Assessments and Structural Reviews of District bridges	Various	600,000
	Principal Inspections (includes confined spaces and underwater inspections)	Various	400,000
	Special Inspections Post Tensioned structures Half Joints Cast Iron structures Steel and carbon fibre reinforced structures Ecological Surveys	Various	120,000
Sub total			1,120,000
	Management of Sub-Standard Structures. High Capacity Routes Special Safety Inspections	Various	91,700 90,000
Sub total			181,700
Whole Programme Sub Totals			1,301,700
<b>Total Highways Infrastructure Maintenance (Structures) Programme - Assessments, Inspections and Monitoring 2020/21</b>			<b>£1,301,700</b>
<b>Total Highways Infrastructure Maintenance (Structures) Programme 2020/21</b>			<b>£5,031,700</b>

### Highways Infrastructure Maintenance (Structures) Programme 2021/2023 (PROVISIONAL)

#### Programme Area

#### Structural Maintenance and Strengthening (PROVISIONAL)

A Provisional Programme of structural maintenance and strengthening of the bridge stock in Leeds. This provisional list of structures is likely to be included in the Structures Maintenance and Strengthening Programme for 2021/22 & 2022/23. Should reserve schemes be needed for the year 2020/21 they will be drawn from this list, unless a structure was to be brought to our attention which required work prior to those currently listed here.

Structure	Works Description	Route	Comments
<b>2021/22 (Provisional)</b>			
Structures Minor Works	Minor repair schemes at various locations around Leeds.	Various	
Oatland Lane Bridge	Strengthening Scheme (Provisional)	Uncl/A58	Leeds City Centre
Calverley Railway Bridge	Strengthening and Painting of Steel Bridge	A6120 / Electrified Railway	
Simons Bottom Bridge	Replace Failed Bearings	A653 / A6110	
Viaduct Road Bridge	Scour Protection Works	Uncl / River Aire	
Various on Inner Ring Road	Inner Ring Road Safety Features	A58(M) / A64(M)	Leeds City Centre
East Garforth Railway Footbridge	Structural Maintenance and Re-painting Scheme	Footbridge / Railway	
<b>2022/23 (Provisional)</b>			
Structures Minor Works	Minor repair schemes at various locations around Leeds.	Various	
Various Structures over Rivers	Scour Protection Works	Various	
Calverley River Bridge	Strengthening and Structural Maintenance	A6120 / River Aire	
Eastgate Culverts	Structural Maintenance Scheme	A61 / Watercourse	
Wharfe Bridge	Structural Maintenance Scheme including replacement of joints, drainage and cathodic protection.	A58 / River Wharfe	
North Street Junction Bridge	Structural Maintenance Scheme	Uncl / A58(M)/A64(M)	Leeds City Centre
Stanningley Bypass	Parapet & Safety Fencing Replacement Scheme	A647 / Various	
Whitehall Road Footbridge	Structural Maintenance Scheme	Footway / A643	
John Smeaton Viaduct	Structural Maintenance Scheme	A61 / A639	
Whitecote Lane Bridge	Structural Maintenance Scheme	A63 / B1222	Formerly carried A1(M) before detrunking

## Highways Infrastructure Maintenance (Roads) Revenue Programme 2020/2021 (For Information Only)

### Programme Area

#### Local Roads Pre-patching for 2020/21 Preventative Maintenance Programme

A supplementary programme of pre-patching works for the preventative carriageway works programme to the local road network. The locations will be identified during 2020/21 with the work carried out in 2020/21, to ensure the preventative works programme can be carried out without delay in 2021/22.

**£300,000**

#### Preventative Footway Maintenance

A Programme of preventative maintenance to the adopted road network consisting of surface treatments to the footway to arrest deterioration. These may be provided in conjunction with carriageway treatments shown in Appendix B2.

(Work Types – S = footway Slurry)

Street	Extents	Ward	Work Type
Bernard Street	Eshald Lane To End Of House 14	Rothwell	S
Bernard Street	Rear Of House 2 To Rear Of House 28	Rothwell	S
Bernard Street	Rear Of House 18 To End House 18	Rothwell	S
Bernard Street	Outside House 2 To Outside House 28	Rothwell	S
Blackpool Grove	Cow Close Road To End	Farnley & Wortley	S
Blackpool Place	Cow Close Road To End	Farnley & Wortley	S
Blackpool Street	Blackpool Terrace To End	Farnley & Wortley	S
Blackpool Terrace	Adj 24 Cow Close Road To End	Farnley & Wortley	S
Blackpool Terrace	Adj 53 Cow Close Road To End	Farnley & Wortley	S
Blackpool View	Cow Close Road To End	Farnley & Wortley	S
Cain Close	Dent Street To Ends	Burmantofts & Richmond Hill	S
Clarendon Road	St Johns View To A659 High Street	Wetherby	S
Cobden Avenue	Cow Close Road To End	Farnley & Wortley	S
Cobden Grove	Cow Close Road To End	Farnley & Wortley	S
Cobden Place	Pinder Avenue To Cobden Street	Farnley & Wortley	S
Cobden Road	Blackpool Place To End	Farnley & Wortley	S
Cobden Street	Cow Close Road To Cobden Road	Farnley & Wortley	S
Cobden Terrace	Cobden Street To Pinder Avenue	Farnley & Wortley	S
Cow Close Grove	Cow Close Road To End	Farnley & Wortley	S
Cow Close Road	Branch Road To End	Farnley & Wortley	S
Croft House Grove	New Bank Street To Croft House Road	Morley North	S
Dent Street	Mulling Court To Pontefract Avenue	Burmantofts & Richmond Hill	S
Eshald Lane	Aberford Road To End House 30	Rothwell	S
Foxcroft Mount	Queenswood Road (Hse 1) To Queenswood Road (Hse 68)	Kirkstall	S
Foxcroft Road	Queenswood Road To Queenswood Drive	Kirkstall	S

### Highways Infrastructure Maintenance (Roads) Revenue Programme 2020/2021 (For Information Only)

Street	Extents	Ward	Work Type
Harehills Lane	Compton Road To Lupton Avenue	Burmantofts & Richmond Hill	S
Harrogate Road	Alwoodley Lane To A6120 Ring Road	Alwoodley	S
High Street	A658 Victoria Avenue To Roundabout (Past Club Row)	Otley & Yeadon	S
Jackdaw Lane	Clarendon Road To Demarkation Strip	Wetherby	S
Main Street	Holywell Lane To Gateland Lane	Harewood	S
Middleton Close	Middleton Grove Adj Hse 1-7 To End	Morley South	S
Middleton Close	Middleton Grove Adj Hse 2-8 To End	Morley South	S
Middleton Grove	Middleton Road To Back Hartley Street	Morley South	S
Moorland Crescent	Moorland Avenue To Moor Lane	Guiseley & Rawdon	S
Pinder Avenue	Cow Close Road To Cobden Road	Farnley & Wortley	S
Pinder Street	Cobden Street To Pinder Avenue	Farnley & Wortley	S
Pontefract Avenue	Pontefract Lane To O'Grady Square	Burmantofts & Richmond Hill	S
Privilege Street	Thornhill Road To End	Farnley & Wortley	S
Raynville Avenue	Raynville Road To Raynville Close	Armley	S
Roderick Street	Privilege Street To End	Farnley & Wortley	S
Spibey Crescent	Spibey Lane To End	Rothwell	S
Sunnybank Court	Sunnybank Crescent To Ends	Otley & Yeadon	S
Sydney Street	Eshald Lane To End Of House 12 (Bernard St)	Rothwell	
Sydney Street	Bernard Street To End House 20	Rothwell	S
Sydney Street	Bernard Street To End House 1	Rothwell	S
Sydney Street	Rear Of Houses 1- 9 Sydney Street	Rothwell	S
The Firs	Ling Lane To Ends	Harewood	S
Thornhill Place	Privilege Street To Start Parking Bays (All Parking Areas Private)	Farnley & Wortley	S
Victoria Park Avenue	Victoria Park Grove To Lancastre Grove	Armley	S
Weetwood Road	Otley Road To Spen Road	Weetwood	S
Western Grove	Lower Wortley Road To End House 25 (Start Lh Bend)	Farnley & Wortley	S
Western Mount	Western Grove To End	Farnley & Wortley	S
Western Road	Western Grove To End	Farnley & Wortley	S
Western Street	Western Grove To End	Farnley & Wortley	S
Wetherby Road	Back Street To Milnthorpe Lane	Wetherby	S
Worcester Avenue	Sharp House Road To Outside House 20	Middleton Park	S
Worcester Drive	Worcester Avenue To T Junction	Middleton Park	S

Highways Infrastructure Maintenance (Roads) Revenue Programme 2020/2021 (For Information Only)				
Street	Extents	Ward	Work Type	
<b>Total Highways Infrastructure Maintenance (Roads) Revenue Programme - Preventative Footway Maintenance</b>				<b>£140,000</b>
<b>Total Highways Infrastructure Maintenance (Roads) Revenue Programme 2020/2021</b>				<b>£440,000</b>
<b>Reactive and Routine Maintenance</b>				
Reactive and routine repairs, general repairs to pedestrian guard rails, safety fencing, road markings, minor drainage repairs, patching and other miscellaneous items, undertaken by the DLO.				<b>£4,528,210</b>
<b>Total Leeds Revenue Highway Maintenance</b>				<b>£4,968,210</b>

# Appendix E

## Equality, Diversity, Cohesion and Integration Screening



As a public authority we need to ensure that all our strategies, policies, service and functions, both current and proposed have given proper consideration to equality, diversity, cohesion and integration.

A **screening** process can help judge relevance and provides a record of both the **process** and **decision**. Screening should be a short, sharp exercise that determines relevance for all new and revised strategies, policies, services and functions. Completed at the earliest opportunity it will help to determine:

- the relevance of proposals and decisions to equality, diversity, cohesion and integration.
- whether or not equality, diversity, cohesion and integration is being/has already been considered, and
- whether or not it is necessary to carry out an impact assessment.

<b>Directorate: City Development</b>	<b>Service area: Highways &amp; Transportation</b>
<b>Lead person: Andrew Bellamy</b>	<b>Contact number: 87317</b>

<b>1. Title: Highways Infrastructure Maintenance (Roads) Programme 2020/21 to 2022/23</b>			
Is this a:			
<input type="checkbox"/>	<b>Strategy / Policy</b>	<input checked="" type="checkbox"/>	<b>Service / Function</b>
<input type="checkbox"/>		<input type="checkbox"/>	<b>Other</b>
<b>If other, please specify</b>			

<b>2. Please provide a brief description of what you are screening</b>
This screening focuses on the highway maintenance programme funded from Local Transport Plan and Leeds Capital. This programme covers both the Classified road network and the Residential and other unclassified roads in Leeds.

<b>3. Relevance to equality, diversity, cohesion and integration</b>		
All the council's strategies/policies, services/functions affect service users, employees or the wider community – city wide or more local. These will also have a greater/lesser relevance to equality, diversity, cohesion and integration.		
The following questions will help you to identify how relevant your proposals are.		
When considering these questions think about age, carers, disability, gender reassignment, race, religion or belief, sex, sexual orientation and any other relevant characteristics (for example socio-economic status, social class, income, unemployment, residential location or family background and education or skills levels).		
<b>Questions</b>	<b>Yes</b>	<b>No</b>
Is there an existing or likely differential impact for the different equality characteristics?	<b>X</b>	
Have there been or likely to be any public concerns about the policy or proposal?		<b>X</b>



Could the proposal affect how our services, commissioning or procurement activities are organised, provided, located and by whom?		<b>X</b>
Could the proposal affect our workforce or employment practices?		<b>X</b>
Does the proposal involve or will it have an impact on <ul style="list-style-type: none"> <li>1. Eliminating unlawful discrimination, victimisation and harassment</li> <li>2. Advancing equality of opportunity</li> <li>3. Fostering good relations</li> </ul>		<b>X</b>

If you have answered **no** to the questions above please complete **sections 6 and 7**

If you have answered **yes** to any of the above and;

- Believe you have already considered the impact on equality, diversity, cohesion and integration within your proposal please go to **section 4**.
- Are not already considering the impact on equality, diversity, cohesion and integration within your proposal please go to **section 5**.

<p><b>4. Considering the impact on equality, diversity, cohesion and integration</b></p> <p>If you can demonstrate you have considered how your proposals impact on equality, diversity, cohesion and integration you have carried out an impact assessment.</p> <p>Please provide specific details for all three areas below (use the prompts for guidance).</p> <ul style="list-style-type: none"> <li>• <b>How have you considered equality, diversity, cohesion and integration?</b>  (think about the scope of the proposal, who is likely to be affected, equality related information, gaps in information and plans to address, consultation and engagement activities (taken place or planned) with those likely to be affected)</li> </ul> <p>An Impact Assessment on Highway Service Maintenance activities was carried completed in April 2008. This focussed on the Highway Infrastructure Asset Management Plan. The procedures for carrying out inspection of highway condition, scheduling and completion of highways maintenance work were also considered. This included both maintenance carried out in house and by designated contractors.</p> <p>A related Impact Assessment was completed in January 2011 “The impact of financial decisions on the provision of a Highway Maintenance Service” covering the same aspects as above in relation to changing funding levels</p> <ul style="list-style-type: none"> <li>• <b>Key findings</b>  (think about any potential positive and negative impact on different equality characteristics, potential to promote strong and positive relationships between groups, potential to bring groups/communities into increased contact with each other, perception that the proposal could benefit one group at the expense of another)</li> </ul> <ol style="list-style-type: none"> <li>1. There are issues with some communities having the perception that other areas receive a better service more road maintenance; they fail to accept that allocation is based on need.</li> <li>2. Highway maintenance work is an opportunity to provide improved mobility features.</li> <li>3. Consultation with Councillors and Area Management Teams is proactive with other stakeholders soundings are taken through focus groups and scheme specific correspondence.</li> </ol> <ul style="list-style-type: none"> <li>• <b>Actions</b>  (think about how you will promote positive impact and remove/ reduce negative impact)</li> </ul> <ol style="list-style-type: none"> <li>1. Refresh the EIA conducted in 2008</li> <li>2. Continue to select work based on objective condition assessment from machine base surveys and allocate on a needs basis as per the Highway Infrastructure</li> </ol>
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Asset Management Plan and have a greater transparency on where money is spent.

3. Take every opportunity during maintenance work to provide dropped crossings at road junctions to aid those people with mobility problems.
4. Continue with letter drops to residents affected by maintenance work which includes the encouragement and gives opportunity for anyone with a special need or is disabled to have a contact point to discuss the immediate impact of the scheme.
5. Also continue with customer feedback surveys which can be analysed for equality issues as well as comment on schemes' outturns.

**5. If you are **not** already considering the impact on equality, diversity, cohesion and integration you **will need to carry out an impact assessment.****

Date to scope and plan your impact assessment:

Date to complete your impact assessment

Lead person for your impact assessment  
(Include name and job title)

### **6. Governance, ownership and approval**

Please state here who has approved the actions and outcomes of the screening

**Name**

**Job title**

**Date**

Philip Mitchell

Head of Highways Infrastructure

### **7. Publishing**

This screening document will act as evidence that due regard to equality and diversity has been given. If you are not carrying out an independent impact assessment the screening document will need to be published.

Please send a copy to the Equality Team for publishing

**Date screening completed**

**Date sent to Equality Team**

**Date published**

(To be completed by the Equality Team)

# Appendix F

## Equality, Diversity, Cohesion and Integration Screening



As a public authority we need to ensure that all our strategies, policies, service and functions, both current and proposed have given proper consideration to equality, diversity, cohesion and integration.

A **screening** process can help judge relevance and provides a record of both the **process** and **decision**. Screening should be a short, sharp exercise that determines relevance for all new and revised strategies, policies, services and functions. Completed at the earliest opportunity it will help to determine:

- the relevance of proposals and decisions to equality, diversity, cohesion and integration.
- whether or not equality, diversity, cohesion and integration is being/has already been considered, and
- whether or not it is necessary to carry out an impact assessment.

<b>Directorate: City Development</b>	<b>Service area: Highways &amp; Transportation</b>
<b>Lead person: Andrew Bellamy</b>	<b>Contact number: 87317</b>

<b>1. Title: Highways Infrastructure Maintenance (Roads) Revenue Programme 2020/21</b>		
Is this a:		
<input type="checkbox"/> <b>Strategy / Policy</b>	<input checked="" type="checkbox"/> <b>Service / Function</b>	<input type="checkbox"/> <b>Other</b>
<b>If other, please specify</b>		

<b>2. Please provide a brief description of what you are screening</b>
This screening focuses on the Highways Maintenance Programme funded from Leeds City Council's Revenue Budget. It also looks at the prioritisation process used to determine which works will be carried out over the coming year to improve the overall condition of residential and other unclassified roads in Leeds.

<b>3. Relevance to equality, diversity, cohesion and integration</b>		
All the council's strategies/policies, services/functions affect service users, employees or the wider community – city wide or more local. These will also have a greater/lesser relevance to equality, diversity, cohesion and integration.		
The following questions will help you to identify how relevant your proposals are.		
When considering these questions think about age, carers, disability, gender reassignment, race, religion or belief, sex, sexual orientation and any other relevant characteristics (for example socio-economic status, social class, income, unemployment, residential location or family background and education or skills levels).		
<b>Questions</b>	<b>Yes</b>	<b>No</b>
Is there an existing or likely differential impact for the different equality characteristics?	<b>X</b>	
Have there been or likely to be any public concerns about the policy or proposal?		<b>X</b>

Could the proposal affect how our services, commissioning or procurement activities are organised, provided, located and by whom?		X
Could the proposal affect our workforce or employment practices?		X
Does the proposal involve or will it have an impact on <ol style="list-style-type: none"> <li>1. Eliminating unlawful discrimination, victimisation and harassment</li> <li>2. Advancing equality of opportunity</li> <li>3. Fostering good relations</li> </ol>		X

If you have answered **no** to the questions above please complete **sections 6 and 7**

If you have answered **yes** to any of the above and;

- Believe you have already considered the impact on equality, diversity, cohesion and integration within your proposal please go to **section 4**.
- Are not already considering the impact on equality, diversity, cohesion and integration within your proposal please go to **section 5**.

<b>4. Considering the impact on equality, diversity, cohesion and integration</b>
<p>If you can demonstrate you have considered how your proposals impact on equality, diversity, cohesion and integration you have carried out an impact assessment.</p> <p>Please provide specific details for all three areas below (use the prompts for guidance).</p> <ul style="list-style-type: none"> <li>• <b>How have you considered equality, diversity, cohesion and integration?</b> (<b>think about</b> the scope of the proposal, who is likely to be affected, equality related information, gaps in information and plans to address, consultation and engagement activities (taken place or planned) with those likely to be affected)</li> </ul> <p><b><u>Budget Allocation &amp; Prioritisation Process</u></b></p> <p>Highways Services is provided with a budget each year from Leeds City Council's Revenue Fund, to cover the maintenance of local roads across the City. In terms of the process for allocating funds, prioritisation of works is conducted throughout the city based on need. Money is allocated to roads in primarily residential areas based on need and does not take into account the economic prosperity or background of the population.</p> <p>90% of the funding is for reactionary and routine repairs of a minor nature, e.g. pot hole repairs. This will remove hazards that are a potential danger to the public, particularly those with mobility issues, blind or partially sighted and carers (supporting wheelchairs and pushchairs).</p> <p>10% of the funding is targeted at preventative maintenance; low cost measures that will slow the deterioration of the roads and footpaths.</p> <p>'Need' is determined by:</p> <ul style="list-style-type: none"> <li>• Routine visual inspections undertaken by inspectors, which also consider the location and local amenities e.g. – if there is a school or old people's home.</li> <li>• Reports made by members of the public</li> </ul> <p>The prioritisation exercise used by the service, and the services provided as a whole, were reviewed as part of an EIA in April 2008. This covered the Highway Infrastructure Asset Management Plan, the procedures for carrying out inspections of</p>

highway condition, scheduling and completion of highways maintenance work. The EIA covered both maintenance carried out in house and by designated contractors.

The information contained within the EIA is still relevant as the procedures have not changed. The findings of that EIA were that overall, the work Highways Maintenance perform and deterioration of the network generally will have a greater impact on the elderly, disabled people and people with push chairs.

A related Equality Impact Assessment was completed in January 2011 covering "The impact of financial decisions on the provision of a Highway Maintenance Service". This considered the impact of funding cuts on the Highway Infrastructure Asset Management Plan.

### **Customer Satisfaction**

Before and after each residential maintenance scheme, customer satisfaction data is collected. This enables us to monitor our performance and make improvements to the service we deliver.

#### **• Key findings**

**(think about** any potential positive and negative impact on different equality characteristics, potential to promote strong and positive relationships between groups, potential to bring groups/communities into increased contact with each other, perception that the proposal could benefit one group at the expense of another)

Key findings from both EIA's were as follows:

Positive Impacts

1. Highway maintenance work is an opportunity to provide improved mobility features.
2. Consultation with Councillors and Area Management Teams is proactive with other stakeholder's views being taken into account through focus groups and scheme specific correspondence.

Negative Impacts

3. There are issues with some communities having the perception that other areas receive a better service with more road maintenance being carried out; failing to accept that allocation is based on need.

#### **• Actions**

**(think about** how you will promote positive impact and remove/ reduce negative impact)

1. Refresh the EIA conducted in 2008.
2. Continue to select work based on objective condition assessment from machine base surveys and allocate on a needs basis as per the Highway Infrastructure Asset Management Plan and have a greater transparency on where money is spent.
3. Take every opportunity during maintenance work to provide dropped crossings at road junctions to aid those people with mobility problems in particular those with wheel chairs and push chairs.
4. Continue with letter drops to residents affected by maintenance work which includes the encouragement and gives opportunity for anyone with a special need or is disabled to have a contact point to discuss the immediate impact of the scheme.
5. Continue with customer feedback surveys which can be analysed for equality issues as well as comment on schemes' outturns.

**5. If you are not already considering the impact on equality, diversity, cohesion and integration you will need to carry out an impact assessment.**

Date to scope and plan your impact assessment:	TBC as part of Service Planning process
Date to complete your impact assessment	TBC
Lead person for your impact assessment (Include name and job title)	Andrew Bellamy, Principal Engineer, Highways Assessments

**6. Governance, ownership and approval**

Please state here who has approved the actions and outcomes of the screening

<b>Name</b>	<b>Job title</b>	<b>Date</b>
Phillip Mitchell	Head of Highways infrastructure	

**7. Publishing**

This screening document will act as evidence that due regard to equality and diversity has been given. If you are not carrying out an independent impact assessment the screening document will need to be published.

Please send a copy to the Equality Team for publishing

<b>Date screening completed</b>	
<b>Date sent to Equality Team</b>	
<b>Date published</b> (To be completed by the Equality Team)	

## Appendix G

### Equality, Diversity, Cohesion and Integration Screening



As a public authority we need to ensure that all our strategies, policies, service and functions, both current and proposed have given proper consideration to equality, diversity, cohesion and integration.

A **screening** process can help judge relevance and provides a record of both the **process** and **decision**. Screening should be a short, sharp exercise that determines relevance for all new and revised strategies, policies, services and functions. Completed at the earliest opportunity it will help to determine:

- the relevance of proposals and decisions to equality, diversity, cohesion and integration.
- whether or not equality, diversity, cohesion and integration is being/has already been considered, and
- whether or not it is necessary to carry out an impact assessment.

<b>Directorate:</b> City Development	<b>Service area:</b> Highways & Transportation, Engineering Services - Bridges
<b>Lead person:</b> Claire Richardson	<b>Contact number:</b> 87348

#### 1. Title: Highways Infrastructure Maintenance (Structures) Programme 2019/20 to 2021/22

Is this a:

Strategy / Policy

Service / Function

Other

If other, please specify

#### 2. Please provide a brief description of what you are screening

This screening document assesses the equality implications of the proposed Highways Structures Capital Maintenance, Assessment and Strengthening Plan for a three year period from 2018/19 to 2019/20. The maintenance and strengthening capital budget for 2018/19 is in the region of £5.986 million, however, the exact figure is yet to be confirmed. Similar funding is anticipated for 2018/19 through to 2020/21.

The Bridges Service aims to ensure that all Highways Structures (i.e. bridges, tunnels, footbridges, culverts and retaining walls) within Leeds are safe and fit for purpose through a programme of inspections and planned maintenance.

Leeds has approximately 1200 structures it is responsible for maintaining. When developing the plan, the service uses information from inspections for each structure to identify the maintenance work needed. Work is prioritised using a weighted system based on:

1. Importance of route – this equates to approximately 40% of the weighting and considers accessibility e.g. – if the structure is on a traffic sensitive street, a public footpath, bus route or 'A' road.

2. Condition of asset – (approximately 40% weighting) which considers technical aspects including structural capacity and condition.
3. Importance of asset in terms of value – (approximately 20% weighting) which considers the cost of the asset and heritage factors.

This enables limited funding to be targeted where it is most needed. Local factors are also taken into consideration when prioritising work to ensure that the needs of communities are taken into consideration as far as is practicable.

The service provided by the Bridges team affects and benefits all businesses, visitors and residents of the City. The structures are located across the city, and prioritisation of works is based on need, as per the criteria detailed above.

### 3. Relevance to equality, diversity, cohesion and integration

All the council's strategies/policies, services/functions affect service users, employees or the wider community – city wide or more local. These will also have a greater/lesser relevance to equality, diversity, cohesion and integration.

The following questions will help you to identify how relevant your proposals are.

When considering these questions think about age, carers, disability, gender reassignment, race, religion or belief, sex, sexual orientation and any other relevant characteristics (for example socio-economic status, social class, income, unemployment, residential location or family background and education or skills levels).

Questions	Yes	No
Is there an existing or likely differential impact for the different equality characteristics?	x	
Have there been or likely to be any public concerns about the policy or proposal?		x
Could the proposal affect how our services, commissioning or procurement activities are organised, provided, located and by whom?		x
Could the proposal affect our workforce or employment practices?		x
Does the proposal involve or will it have an impact on <ol style="list-style-type: none"> <li>4. Eliminating unlawful discrimination, victimisation and harassment</li> <li>5. Advancing equality of opportunity</li> <li>6. Fostering good relations</li> </ol>		x

If you have answered **no** to the questions above please complete **sections 6 and 7**

If you have answered **yes** to any of the above and;

- Believe you have already considered the impact on equality, diversity, cohesion and integration within your proposal please go to **section 4**.
- Are not already considering the impact on equality, diversity, cohesion and integration within your proposal please go to **section 5**.

### 4. Considering the impact on equality, diversity, cohesion and integration

If you can demonstrate you have considered how your proposals impact on equality, diversity, cohesion and integration you have carried out an impact assessment.

Please provide specific details for all three areas below (use the prompts for guidance).

- **How have you considered equality, diversity, cohesion and integration?**



### **Background Information**

The work undertaken within the Bridges section complies with national standards set out in the Design Manual for Roads and Bridges. The standards cover road users and non-motorised users such as cyclists, pedestrians, equestrians and those with physical disabilities.

The service is also working towards implementing the guidance recommendations in the Code of Practice for the Management of Highway Structures. However the current funding pressures faced by the Council may reduce the service's ability to achieve this. Consequently, the service will aim to ensure that all safety critical issues are identified and actioned through an internal risk identification and management process.

### **Closure of Bridges / Footbridges/other highway structures**

The service ensures that any works to its highway structures comply with the disability element of the Equality Act 2010, and where possible, all existing public rights of way and access are maintained to existing standards/levels during the construction of works where this is practicable and safe. Where temporary diversions are unavoidable they are designed to minimise the impact on all users, whilst also giving due regard to; disabled people, people with mobility difficulties, people with pushchairs and children. Where necessary, members of the public are escorted by site staff to maintain safe access. This service is stipulated in all contracts between the contractors and LCC.

### **Risk Assessments**

Risk assessments are also an intrinsic part of the design process to ensure as far as possible that any hazards to people with specific disabilities (e.g. blindness) or children are minimised.

### **Community Safety**

The proposals contained in this report do not have any implications under the Crime and Disorder Act 1998 Section 17. This relates to the duty on the Council to ensure that their functions do all they can to prevent crime, disorder and anti-social behavior.

Design standards cover anti-social behavior, such as vandalism, to some extent. Risk assessments are carried out when developing schemes in areas where there are known problems of anti-social behavior and appropriate measures are taken if practicable, e.g. application of anti-graffiti coatings, prevention of unauthorised access to structures, bollards etc.

### **Consultation**

Extensive consultation will take place for all work during scheme feasibility and design and prior to construction on site. During the scheme development stage, formal consultation is undertaken with the public, members, parish councillors, local businesses, bus, taxi services and emergency services.

Advanced scheme notification boards are placed around the site prior to work commencing. As part of any works, a local letter drop to those who may be affected is undertaken to notify them of the works, and enable them to raise any individual concerns.

### **Transparency in Decision Making**

The scoring system used to prioritise schemes is transparent and simple and was first introduced in 2011/12, as part of the development of the capital programme.

#### **• Key findings**

(think about any potential positive and negative impact on different equality characteristics, potential to promote strong and positive relationships between groups, potential to bring groups/communities into increased contact with each other, perception that the proposal could benefit one group at the expense of another)

N/A

- **Actions**

(think about how you will promote positive impact and remove/ reduce negative impact)

N/A

**5. If you are not already considering the impact on equality, diversity, cohesion and integration you will need to carry out an impact assessment.**

Date to scope and plan your impact assessment:	N/A
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Date to complete your impact assessment	N/A
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Lead person for your impact assessment (Include name and job title)	N/A
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**6. Governance, ownership and approval**

Please state here who has approved the actions and outcomes of the screening

Name	Job title	Date
Claire Richardson	Bridges Group Manager	9/02/2018

**7. Publishing**

This screening document will act as evidence that due regard to equality and diversity has been given. If you are not carrying out an independent impact assessment the screening document will need to be published.

Please send a copy to the Equality Team for publishing

<b>Date screening completed</b>	9/02/2018
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<b>Date sent to Equality Team</b>	
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<b>Date published</b> (To be completed by the Equality Team)	
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