

Report to the Chief Officer (Highways and Transportation)

Date: 13 March 2018

Subject: Highways Infrastructure Maintenance Programmes 2018-19

Capital Scheme Numbers: 99508, 99509 & 32430

Are specific electoral Wards affected? If relevant, name(s) of Ward(s): All	<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?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If relevant, Access to Information Procedure Rule number: Appendix number:		

Summary of main issues

- 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 less congestion reduces carbon emissions
- 2 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.
- 3 This report presents the programme of highway infrastructure maintenance (highways and highway structures) for the 2018/19 financial year to meet the best council priority.
- 4 The capital funding available for highway infrastructure maintenance in 2018/19 is £22,759,000.
- 5 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 2018/19.

Recommendations

- 6 The Chief Officer (Highways and Transportation) is recommended to:
 - i) give authority to incur expenditure of £22,759,000 (£18,118,628 works costs and £3,354,372 internal staff and partner design fee costs plus £1,286,000 inspection, assessment and asset management fees) funded from the 2018/19 Local Transport Plan Capital Grant Allocation (£8,459,000) and Leeds City Council Capital Resources (£14,300,000);

- ii) approve the addition of the schemes listed in appendices B and C to this report into the Highways Infrastructure Maintenance Programmes 2018/19;
 - iii) note the addition of schemes listed in appendix D to this report into the Revenue Highways Infrastructure Maintenance Programmes 2018/19; and
 - iv) The Chief Officer shall be responsible for implementation of the attached programmes of work within the 2018/19 financial year.
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1 Purpose of this report

- 1.1 This report presents the highways infrastructure maintenance works programme for 2018/19 and seeks authority to incur expenditure, add schemes into the capital programme, and note the highways infrastructure maintenance revenue programme.

2 Background information

Council Priority

- 2.1 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

Highways Infrastructure Asset Management

- 2.2 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.
- 2.3 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

- 2.4 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.
- 2.5 The Council budget proposals for 2018/19 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.

- 2.6 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 (20.5% of roads requiring structural maintenance, up from 18% 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.
- 2.7 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 again predicting an overall steady state with a slight increase in the number of local roads in need of structural maintenance.
- 2.8 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 detailed in para 2.9.
- Defect reports (reducing)
 - Liability Claims (reducing)
- 2.9 The 2017 National Highways and Transportation (NHT) Public Satisfaction survey was the second in which Leeds City Council participated. The results for the roads and pavements are :
- Condition of roads – 45% (42% in 2016) (a little above the national average of 39% (39% in 2016))
 - Condition of pavements – 61% (61% in 2016) (above national average of 55% (55% in 2016))

Highway Structures

- 2.10 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.
- 2.11 Six structures have been identified as being in the very poor category that are on the Principal Road Network (PRN) or A class roads. These structures are Henshaw Culvert, Crematorium Culvert, West Garforth Railway, Easterly Road Culvert, Services Subway (Marsh Lane) and Marsh Lane Service Subway. Works are currently in progress to stabilise Crematorium Culvert; West Garforth Railway Bridge is subject to monitoring and the other four 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.

- 2.12 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 28.21% 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	Highways	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 3.6)	£14,300,000	£12,000,000	£2,300,000
Grand Total	£22,759,000	£17,727,300	£5,031,700

- 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 third 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 maximise the authority's allocation for 2018/19. An announcement of the funding that Leeds will receive is expected towards the end of March 2018. 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 2017/18 financial year, which could not be completed/undertaken for the reasons shown in Appendix B1 and will be delivered in the 2018/19 financial year.
- 3.6 Appendix B2 details the programme of Highways Infrastructure Maintenance (Roads) for the 2018/19 financial year.

- 3.7 Appendix B3 shows a provisional programme of Highways Infrastructure Maintenance (Roads) for the 2019/20 and 2020/21 financial years. In the event that schemes from the planned 2018/19 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 2018/19 financial 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 £960,000 for principal and 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 £146,000 is included in the programme to cover these risk management activities.
- 3.11 The capital programme of Highways Infrastructure Maintenance (Structures) includes scour assessment and protections works for structures, on the Rivers Aire, Wharfe and Calder. A sum of £1,010,000 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 2018/19 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 2019/20 and 2020/21 financial years. In the event that schemes from the planned 2018/19 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 2018/19 financial year.

- 3.14 Regent Street Flyover carries the A64(M) Leeds Inner Ring Road over A61 Regent Street just north of Leeds City Centre. The DfT “Challenge Fund: Tranche 2” was identified as the best fit funding mechanism for this major £30M scheme, to be funded over three years from 2018/19 to 2020/21. If this funding stream is not successful, funds will need to be sought separately, due to the magnitude of the scheme. A sum of £100,000 has been included within this report. Options appraisal, feasibility and preliminary design costs are currently being borne by the Structures 2017/18 Capital Programme, to ensure that any risk to the public is minimised and a swift start can be made once future funding is in place.

Revenue Programme (for information only)

- 3.15 The Revenue allocation for roads supports a significant element of reactive and routine maintenance to all of the districts highways (88%) but a small proportion (12%) 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.
- 3.16 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 Ward Members have been advised of the streets included in the Unclassified Distributor and Local Roads Highway Maintenance programmes. Feedback was received from Members in 8 wards, 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.
- 4.1.2 Town and Parish Councils have been advised of the streets included in the Unclassified Distributor and Local Roads Highway Maintenance programmes. Feedback was received from two Town and Parish councils, via email, phone calls, meetings or site visits.
- 4.1.3 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.
- 4.1.4 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. 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.
- 4.1.5 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. The works list is updated on a weekly basis and details updated on the web site, in

addition a quarterly newsletter will be sent to area committees which includes a copy of progress on the programme for the appropriate wards.

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).

- 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 believe 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 Policy Statement and 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 **The Best Council Plan.** 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
- 4.3.2 **The West Yorkshire Transport Strategy.** 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.
- 4.3.3 **Highway Infrastructure Asset Management Strategy.** Priorities are established and work is planned and undertaken in accordance with Leeds City Council's Highway Infrastructure Asset Management Strategy and associated documents
- 4.3.4 **Environmental Policy** - The work will be undertaken in accordance with the principles of the Council's Environmental Policy. 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. Where appropriate dropped kerbs will be installed to aid access for disabled people at road crossings. The improvement of footway and carriageway surfaces at the sites listed will improve the street environment for all users.
- 4.3.5 **Crime and Disorder Act 1998** – The proposals contained within this report have no implications under section 17 of the Crime and Disorder Act 1998.

4.4 Resources and value for money

- 4.4.1 The Highway Infrastructure Maintenance Programme for 2018/19 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 2017	FORECAST				
	£000's	£000's	2017/18	2018/19	2019/20	2020/21	2021 on
			£000's	£000's	£000's	£000's	£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						
TOTALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Authority to Spend required for this Approval	TOTAL	TO MARCH 2017	FORECAST				
	£000's	£000's	2017/18	2018/19	2019/20	2020/21	2021 on
			£000's	£000's	£000's	£000's	£000's
LAND (1)	0.0						
CONSTRUCTION (3)	18118.6			18118.6			
FURN & EQPT (5)	0.0						
DESIGN FEES (6)	3354.4			3354.4			
OTHER COSTS (7)	1286.0			1286.0			
TOTALS	22759.0	0.0	0.0	22759.0	0.0	0.0	0.0
Total overall Funding (As per latest Capital Programme)	TOTAL	TO MARCH 2017	FORECAST				
	£000's	£000's	2017/18	2018/19	2019/20	2020/21	2021 on
			£000's	£000's	£000's	£000's	£000's
LCC Supported Borrowing	14300.0			14300.0			
LTP / TSG Grant	8459.0			8459.0			
Total Funding	22759.0	0.0	0.0	22759.0	0.0	0.0	0.0
Balance / Shortfall =	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Parent Scheme Numbers : 99508/000/000, 99509/000/000 & 32430/000/000
 Title : Planned Highway Asset Maintenance Programmes 2018/19

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 recommended to:
- i) give authority to incur expenditure of £22,759,000 (£18,118,628 works costs and £3,354,372 internal staff and partner design fee costs plus £1,286,000 inspection, assessment and asset management fees) funded from the 2018/19 Local Transport Plan Capital Grant Allocation (£8,459,000) and Leeds City Council Capital Resources (£14,300,000);
 - ii) approve the addition of the schemes listed in appendices B and C to this report into the Highways Infrastructure Maintenance Programmes 2018/19;
 - iii) note the addition of schemes listed in appendix D to this report into the Revenue Highways Infrastructure Maintenance Programmes 2018/19; and
 - iv) The Chief Officer shall be responsible for implementation of the attached programmes of work within the 2018/19 financial year.

7. Background documents¹

- 7.1 None.

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.

Asset Management – Highways

Current road network condition (2018) and predicted road network condition (2019) after proposed work undertaken

Spend required to maintain current condition (£-millions) **£21,362,690**

Actual budget works allocation (£-millions) **£16,751,947**

Increase / shortfall in budget allocation (£-millions) **-£4,610,743**

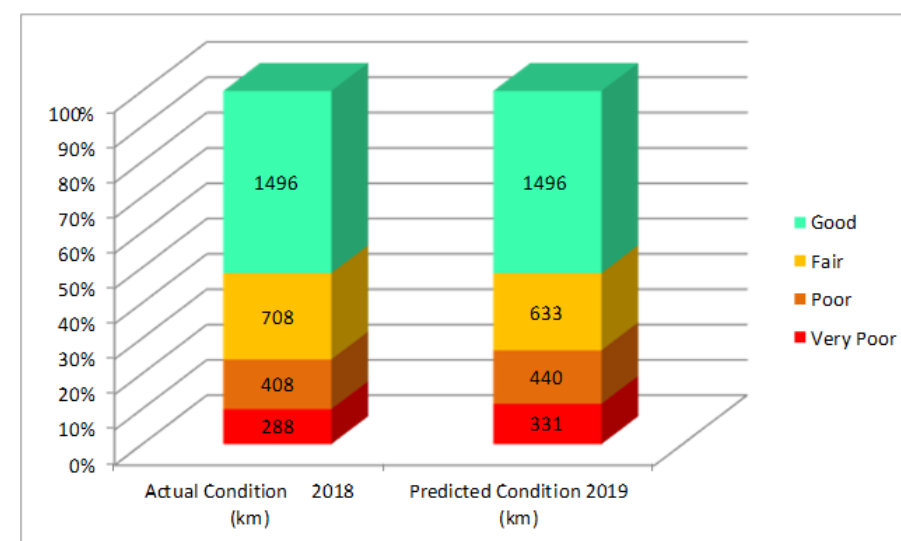
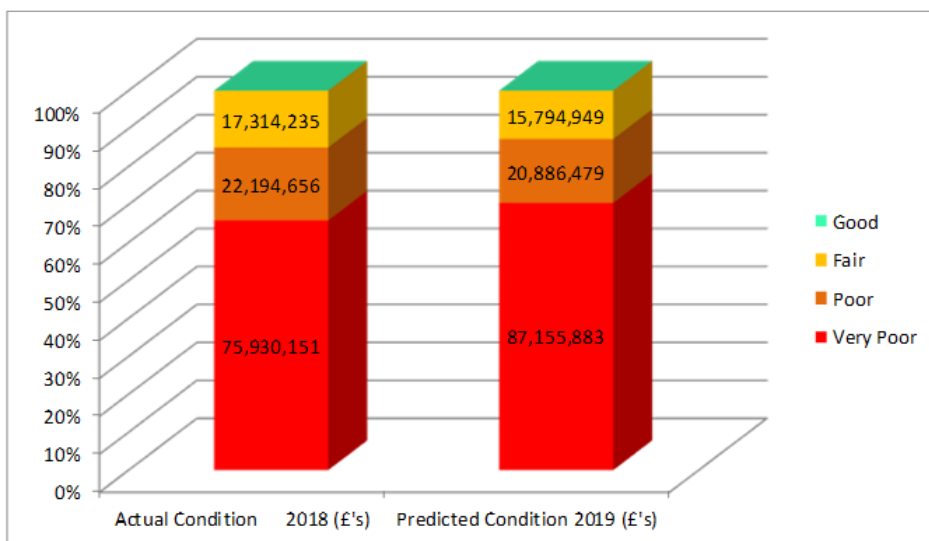
Predicted deterioration (km) **118** **4%**

Predicted improvement after works (km) **118** **4%**

Net Improvement / worsening (km) **0** **0%**

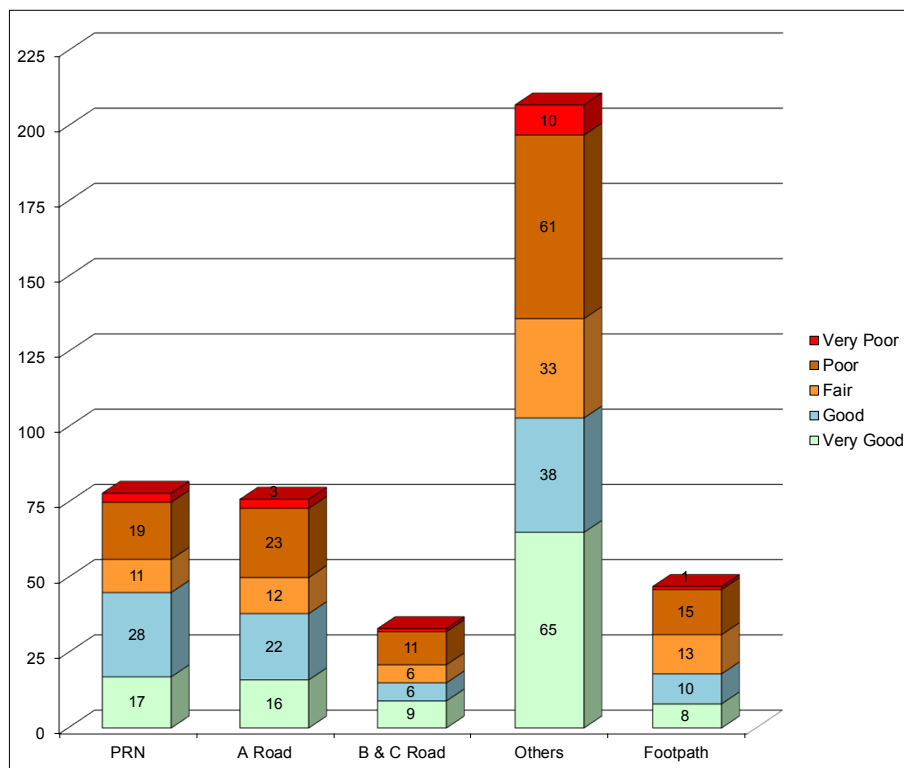
Asset Group	Actual Condition 2018 (£'s)	Predicted Condition 2019 (£'s)	Improvement / Deterioration (£'s)
Good	0	0	0
Fair	17,314,235	15,794,949	-1,519,286
Poor	22,194,656	20,886,479	-1,308,177
Very Poor	75,930,151	87,155,883	11,225,731
Total	115,439,043	123,837,311	8,398,268

Asset Group	Actual Condition 2018 (km)	Predicted Condition 2019 (km)	Improvement / Deterioration (km)
Good	1496	1496	0
Fair	708	633	-75
Poor	408	440	32
Very Poor	288	331	43
Total	2,900	2,900	0

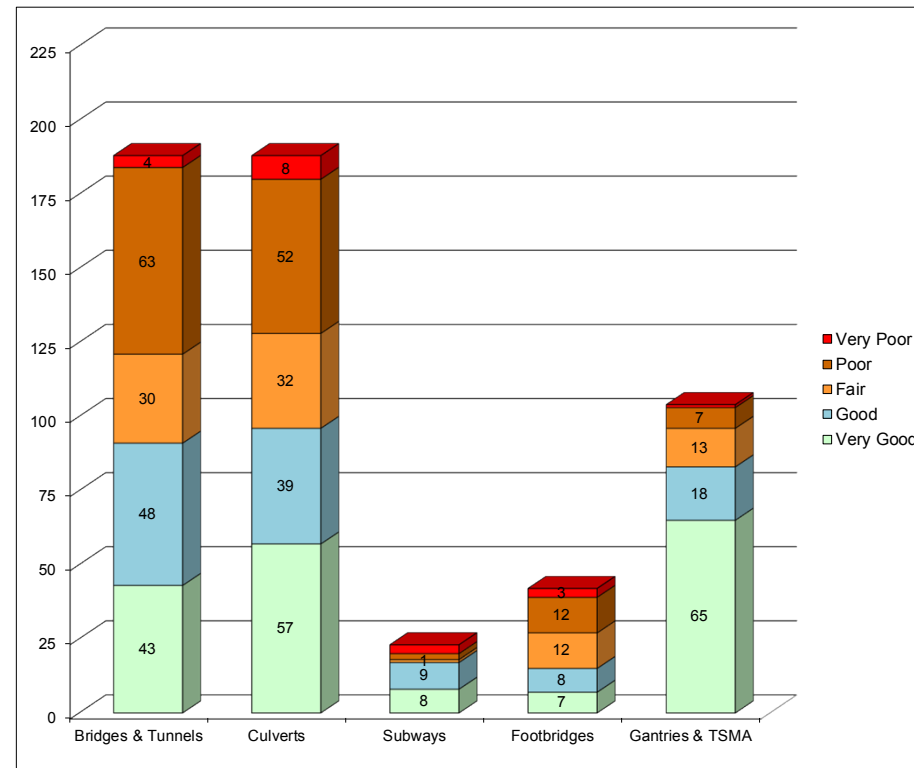


Current Structures Condition

BCI_{crit} by Road Type



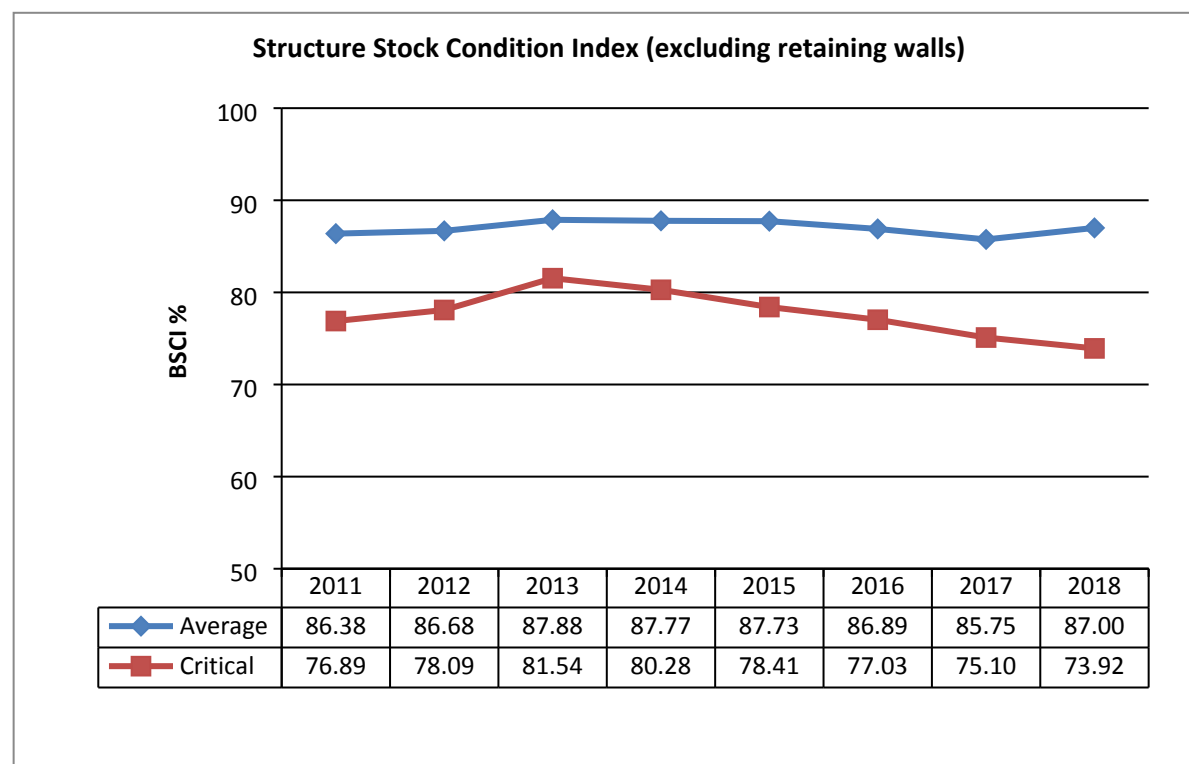
BCI_{crit} by Structure



Road Type	PRN	A Road	B & C Road	Others	Footpath	Total
Very Good	20	17	12	74	14	137
Good	25	23	5	35	9	97
Fair	13	12	8	35	11	79
Poor	18	20	7	54	12	111
Very Poor	2	4	1	9	1	17
Total	78	76	33	207	47	441

Asset Group	Bridges and Tunnels	Culverts	Subways	Footbridges	Gantries and TSMA	Total
Very Good	48	66	11	12	72	209
Good	46	37	7	7	16	113
Fair	31	35	3	10	11	90
Poor	56	43	2	10	4	115
Very Poor	7	7	0	3	1	18
Total	188	188	23	42	104	545

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



Current Leeds stock condition is between 65 and 90 for both indicators for which the national guidance for performance measurement of highway structures suggests the following:	
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 stock condition, for critical load carrying elements, has peaked in 2013 and is now showing a steady decline, with the critical score now falling 7.5% in 5 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. The backlog of maintenance is £60.5m and increasing at a rate of approximately 8% per year.

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

	As of 21 st Jan 2014	As of 21 st Jan 2015	As of 22 nd Dec 2015	As of 01 st Feb 2017	As of 05 th Feb 2018	
Best Council Plan KPI - % of highway structures in need of essential repair. ** Estimated	22.3%**	23.5%**	24.3%**	23.94%	28.21%	
Substandard/provisionally substandard structures monitored to BD79 (Table 4)	42 LCC	36 LCC 13 Other	38 LCC 12 Other	45 LCC 14 Other	42 LCC 14 Other	
substandard/potentially substandard structure for pier impact loading	n/a	20 LCC	20 LCC	19 LCC	15 LCC	
Weight restrictions on LCC structures	12: 4 permanent 8 environment	13: 5 permanent 8 environment	16: 7 permanent 8 environment 1 temporary	16: 7 permanent 8 environment 1 temporary	15: 7 permanent 8 environment	
Weight restrictions on non LCC structures	10: 2 permanent 6 environment 2 temporary	11: 3 permanent 7 environment 1 temporary	10: 3 permanent 7 environment	10: 3 permanent 7 environment	9: 2 permanent 7 environment	
Structures with physical protection to substandard footways, parapets or other substandard elements)	18 LCC 11 NR	22 LCC 14 Other	24 LCC 13 Other	25 LCC 14 Other	24 LCC 14 Other	
Structures on high capacity routes with safety inspections	4	4	4	8	11	
LCC Main Rvr structures: * scour protection works are dependent on level 2 assessment result	Inspected for scour yearly	20	20	20	20	
	Assessed for scour, lvl 2	0 complete 1 ongoing 2 to go	1 complete 2 ongoing 0 to go	1 complete 2 ongoing 6 to go	3 complete 6 ongoing 0 to go	3 complete 6 ongoing 6 to go
	Protection installed	2 complete (0 to go)*	3 complete (0 to go)*	3 complete (0 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

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/Rvr Aire
L0012	Victoria Bridge	Uncl/Rvr Aire
L0013	Leeds Bridge	Uncl/Rvr Aire
L0032	Front Street	C13/Carr Beck
L0037	Thorp Arch Bridge	Uncl/Rvr Wharfe
L0058	Hope Road	Uncl/Lady Beck
L0066	Parkin Lane	Uncl/Canal
L0077	West Garforth Railway No 4	A63/F'way
L0090	Otley Bridge	Uncl/Rvr Wharfe
L0112	Dunhill Rise	Uncl/Wyke Beck
L0114	Cartmell Drive	Uncl/Wyke Beck
L0119	Calverley River Bridge	A6120/Rvr Aire
L0120	Calverley Railway Bridge	A6120/Rvr Aire
L0131	Blackburn Court	Uncl/Carlton Beck
L0132	Gillet Bridge	Uncl/Oulton Beck
L0146	Methley Bridge	A639/Rvr Calder
L0177	Brigshaw Lane	Uncl/Beck
L0179	Bagley Lane	C507/Beck
L0198	Waddington Railway Bridge	A61/R'way
L0220	Lovell Park Road	Uncl/A64(M)
L0221	North Street Junction	Uncl/A64(M)
L1050	None-Go-Byes	Uncl/Beck
L0225	Oatland Lane	Uncl/A58
L0235	York Road Underpass	A64/Uncl
L0243	New Wellington River Bridge	A58(M)/Rvr Aire
L0244	Wellington Canal Bridge	A58(M)/Canal
L0299	Sutton Approach	F'way/R'way

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

Number	Name	Road Carried/Crossed
L0340	Oxford Road Bridge	Uncl/R'way
L1039	Ellar Ghyll North	A6038/Beck
L2013	Hansbygate Subway	A6120/Fway
L2124	Gipton Beck Cantilever	F'way/Beck
L2154	Water Lane Cantilever	F'way/Hol Beck
L2263	Alpha Street Fb (A653) C	F'way/A653
L2237	Ivy Street Footbridge	F'way/Uncl
L2310	Shaftsbury Footbridge	F'way/A64
L2334	Armley Road Fb	F'way/A647
L2336	Wellington Rd North FB	F'way/A58
L3197	Doncasters Whitehall Rd RW	B/Land
L3344	Old Unicorn RW Bramley	Land/A657
L9850	The Meadows RW	Otley Park
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	Gelder Road No.4	A62/R'way
L4922	Spofforth Hill	A661/R.R'way
L5266	Northern Street Service Tunnel	Uncl/Tunnel
L6522	Doncasters Subway	Uncl/Tunnel

Highways Infrastructure Maintenance (Roads) Programme Carried Forward from 2017/2018

Programme Area
Schemes Carried over from 2017/18
 The schemes detailed below have carried over from the 2017/18 programme for the reasons stated, and will be carried out within the 2018/19 years programme where applicable

Street	Extents	Ward	Reasons for Delay	
Roundhay Road	Barrack Road To Harehills Lane	Gipton & Harehills	Affected BY LPTIP package & Traffic Scheme	
Pontefract Road	Wakefield Road (A61) To Rbt	City & Hunslet	Carriageway works (footways complete)	
Swinnow Road	Swinnow La To Hough Side Rd	Pudsey	Lack of design resource	
Dolly Lane	Gledhow Rd to Cherry Row	Gipton & Harehills	New School Development	
Oxford Drive	O/s Hse 58 To Westfield Lane	Kippax & Methley	Geotechnical Difficulties	
New York Street	Kirkgate To Church Lane	City and Hunslet	City Connect Phase 2	
York Street	Church Lane To Duke Street	City and Hunslet	City Connect Phase 2	
Harper Street	New York Street To Kirkgate	City and Hunslet	City Connect Phase 2	
Grangefield Road	Town Street To Bollards	Bramley & Stanningley	Conflict with adjacent development	
Chandos Terrace	Lidgett Lane To End	Roundhay	Stone Products	
Various SD Sites	Various	Various	Clashed with Gas works	
Total Capital Highways Infrastructure Maintenance (Roads) Programme Carried Forward from 2017/18				£1,851,774
Total Capital Highways Infrastructure Maintenance (Roads) Funding Carried Forward from 2017/18				£1,144,163
Total Capital Highways Infrastructure Maintenance (Roads) Funding Shortfall from 2017/18				£707,611

Highways Infrastructure Maintenance (Roads) Programme 2018/2019

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
Abbeydale Vale	Abbeydale Oval To End	Kirkstall	C, F, K
Amberton Road	Easterly Road To Oak Tree Drive	Gipton & Harehills	C
Asket Drive	Kentmere Approach To Park Edge Medical Centre Ent	Killingbeck & Seacroft	C
Asket Drive	Park Edge Medical Centre Ent To Boggart Hill Drive	Killingbeck & Seacroft	C
Asket Hill	Easterly Road To Elmete Way	Roundhay	F
Bangor Grove	Cow Close Road To Branch Street	Farnley & Wortley	C
Bangor Place	Branch Street To Cow Close Road	Farnley & Wortley	C
Bangor Street	Branch Street To Cow Close Road	Farnley & Wortley	C
Barkly Road	Oakhurst Mount To Old Lane	Beeston & Holbeck	C
Barthorpe Avenue	Carr Man Parade To Barthorpe Crescent	Moortown	C, F, K
Barthorpe Crescent	Stainbeck Road To Scott Hall Road	Moortown	C, F, K
Beechfield	Lawns Lane To Opp 38 Lawns Lane	Farnley & Wortley	F
Bellbrooke Avenue	Foundry Approach To Coldcotes Avenue	Burmantofts & Richmond Hill	C, F, K
Belle Vue Avenue	Rakehill Road To Elmete Avenue	Harewood	C
Belle Vue Avenue	Elmete Avenue To Belle Vue Road	Harewood	C, F
Belmont Avenue	Weston Lane To End	Otley & Yeadon	C, F, K
Bentcliffe Drive	Bentcliffe Avenue To Street Lane	Moortown	F
Birstall Lane	Station Road To Paddock Drive	Morley North	C
Bishopgate Street	Swinegate (North Edge Bdge) To Jct Neville St	City & Hunslet	C, F
Brian Crescent	Cross Gates Lane To S&Way	Killingbeck & Seacroft	C, F, K
Briggate	Swinegate To Boar Lane	City & Hunslet	F
Broadgate Lane	North Broadgate Lane To Alexandra Road	Horsforth	C, F, K
Brookfield Avenue	Rodley Lane To End	Calverley & Farsley	F
Butt Hill (C284)	Station Road To Cross Hills Court	Kippax & Methley	C, F
Calverley Lane	Broad Lane To Leeds & Bradford Road	Bramley & Stanningley	C, F, K
Calverley Lane (B6156)	Bagley Lane To A6120 Ring Road	Calverley & Farsley	C
Carr Hill Road	Victoria Street To Carr Hill Drive	Calverley & Farsley	F

Highways Infrastructure Maintenance (Roads) Programme 2018/2019

Street (Road No if applicable)	Extents	Ward	Work Type
Castle Grove Avenue	Moor Road To End	Weetwood	C, F, K
Chapel Hill (B6127)	Brunswick Street To New Bank Street	Morley North	C
Church Crescent	Queenshill Avenue To Ring Road Moortown	Moortown	C, F, K
Church Street (B6127)	New Bank Street To A643 Victoria Road	Morley North	C
Churchgate	Church Hill To End	Adel & Wharfedale	F
Clarence Road	New Road Side To End Of House 9 (Rest Private)	Horsforth	C, F, K
Commercial Street	Peel Street To Middleton Road	Morley South	C, F, K
Cotswold Road	Manor Road To Manor Crescent	Rothwell	C
Cow Close Road	Bangor Terrace To Branch Road	Farnley & Wortley	C
Cranmer Gardens	Cramner Road To Cramner Rise	Alwoodley	C, F
Cranmer Rise	Cranmer Gardens To Deanswood Drive	Alwoodley	C
Cranmore Crescent	Cranmore Rise To Cranmore Rise	Middleton Park	F
Cross Hills (C284)	Cross Hills Court To High Street	Kippax And Methley	C
Darfield Road	Harehills Lane To Ashley Road	Gipton & Harehills	C
Dewsbury Road (A653)	Garnet Rd To Tunstall Rd	City & Hunslet	C
Dorset Mount	Dorset Road To Harehills Lane	Gipton & Harehills	C
Dorset Road	Hovingham Avenue To Chatsworth Road	Gipton & Harehills	C, F, K
East Moor Road	Ayresome Avenue To Talbot Road	Roundhay	C
Eastwood Lane	Barwick Road To Stanks Lane South	Cross Gates & Whinmoor	C, F
Field End Road	Temple Lea To Jct Field End Road (No, 60)	Temple Newsam	C
Field End Road	Jct Field End Road (No, 60) To Field End Gardens	Temple Newsam	C, F
Fountain Street (B6123)	New Park Street To Chartist Way R/Bout	Morley South	C, F
Fountain Street (B6123)	A650 Britannia Road To New Park Street	Morley South	C, F
Green Hill Lane	Upper Wortley Road To Green Hill Gardens	Farnley & Wortley	C, F
Green Hill Lane	Green Hill Gardens To Leysholme Drive	Farnley & Wortley	C, F, K
Green Hill Lane	Leysholme Drive To Boundary Of House 110	Farnley & Wortley	C, F
Green Lane	Fairburn Drive To Ninelands Lane	Garforth & Swillington	C
Green Road	Church Lane To Sunset Road	Moortown	C, F, K
Green Road	Sunset Road To Playground	Moortown	C, F
Greenlea Road	Westfield Avenue To Woodlea Road	Guiseley & Rawdon	C
Greenside Close	Greenside Road To End	Farnley & Wortley	C, F, K
Grovehall Avenue	Grovehall Road To Oakhurst Mount	Beeston & Holbeck	C, F, K
Grovehall Avenue	Oakhurst Mount To End	Beeston & Holbeck	C, F
Grovehall Drive	Green Lane To Dewsbury Road	Beeston & Holbeck	F, K
Haigh Road	Styebank Lane To A639 Leeds Road	Rothwell	C

Haigh Wood Road	Silk Mill Gardens To Tinshill Road	Weetwood	C
Half Mile Green	Half Mile Lane To Start Of Blocks	Bramley & Stanningley	C, F, K
Harehills Avenue	Chapeltown Road To Spencer Place	Chapel Allerton	F
Harehills Lane (B6159)	Roundhay Road To Compton Road	Gipton & Harehills	C
Harehills Lane (B6159)	Compton Road To Lupton Avenue	Burmantofts & Richmond Hill	C
Harley Drive	Swinnow Road To Swinnow Lane	Pudsey	C, F
Harold Terrace	Thornville Road To Bollards	Headingley	F
Harold Terrace	Cardigan Road To Thornville Road	Headingley	C, F, K
Harrogate Road (A658)	Park Road To Canada Road	Guiseley & Rawdon	F
Haven Chase	Shepcote Crescent To Haven View	Weetwood	F
Haven Gardens	Eaton Hill To Haven Chase	Weetwood	F
Haw Lane	Whitestone Crescent To Silver Lane	Otley & Yeadon	C
High Court	Kirkgate To The Calls	City & Hunslet	C, F
Hillcrest Avenue	Cowper Street To Shepards Lane	Chapel Allerton	C
Hollin Hill Avenue	Hollin Hill Drive To Hollin Hill Drive	Roundhay	F
Hollin Hill Drive	Oakwood Lane To End	Roundhay	F, K
Holt Farm Rise	Holtdale Approach To End	Adel & Wharfedale	C, F, K
Holt Park Service Road	Holt Park Road To Holt Crescent	Adel & Wharfedale	C
Howley Park Road East	Britannia Road To Cul De Sac	Morley South	C, F, K
Kelsall Grove	Alexandra Road To Burley Lodge Road	Hyde Park & Woodhouse	C, F, K
Kelsall Road	Alexandra Road To Burley Lodge Road	Hyde Park & Woodhouse	C, F, K
Kentmere Crescent	Kentmere Approach To Outside House 57	Killingbeck & Seacroft	C, F
Kentmere Crescent	Outside House 57 To Kentmere Avenue	Killingbeck & Seacroft	C
Kingswear Crescent	Austhorpe Lane To Whitkirk Lane	Cross Gates & Whinmoor	F
Ladywood Mead	Asket Hill To End	Roundhay	F
Lawns Close	Lawns Terrace To End	Farnley & Wortley	F
Lawns Crescent	Beechfield To End	Farnley & Wortley	F
Lawns Croft	Beechfield To End	Farnley & Wortley	F
Lawns Drive	Beechfield To End	Farnley & Wortley	F
Lawns Green	Beechfield To End	Farnley & Wortley	F
Lawns Mount	Beechfield To End	Farnley & Wortley	F
Lawns Terrace	Beechfield To End	Farnley & Wortley	F
Leeds Road (C6)	Preston Lane To Hse 117	Kippax & Methley	F
Leeds Road To Pontefract Road Link (A639)	Savannah Way Rdbt To Royal Mail Rdbt (Both Sides Of Dual Cway)	City & Hunslet	C
Lidgett Lane	Bracken Wood Drive To Bentcliffe Grove	Roundhay	C, F
Lincombe Drive	Larkhill Road To Brackenwood Drive	Roundhay	C, F, K
Lingfield Approach	King Lane To Lingfield Road Rdbt	Alwoodley	C

Lower Wortley Road	Greenville Gardens To Oldfield Lane	Farnley & Wortley	C, F
Manor Road	Wood Lane To Manor Crescent	Rothwell	C, F
Meadow Valley	Winding Way To End (Inc Spur)	Alwoodley	C, F
Mill Hill	Boar Lane To Bishopgate Street	City & Hunslet	C, F, K
Moor Avenue	Bellwood Avenue To Willow Avenue	Wetherby	C
Moorfield Road	High Street To Victoria Avenue	Otley & Yeadon	F, K
Moresdale Lane	South Parkway to Foundry Mill Street	Killingbeck & Seacroft	C
Netherfield Road	Oxford Road To Branwell Road	Guiseley & Rawdon	C, F, K
New Road Side (A65)	Micklefield House Entrance To Quakers Lane	Guiseley & Rawdon	F
North Avenue	Garnett Street To Riverdale Road	Otley & Yeadon	F
North Broadgate Lane	Church Avenue To Broadgate Lane	Horsforth	C, F
North Hill Road	Headingley Lane To Ridge Field Flats	Headingley	C, F, K
North Street	Sheepscar Street South To Sheepscar Street South	City & Hunslet	C
Nunnington View	Armley Park Road To Armley Lodge Road	Armley	C
Oakwell Avenue	Fitzroy Drive To Dean Avenue	Roundhay	C
Old St Clair Road	Cross Green To Danefield Terrace	Otley & Yeadon	C, F, K
Park Square East	Westgate To St Pauls Street	City & Hunslet	F
Park Square South	Park Square West To Park Square East	City & Hunslet	F
Plantation Gardens	Wigton Lane To Wigton Lane	Alwoodley	F
Priesthorpe Road	Ring Road To Calverley Lane	Calverley & Farsley	C
Richardshaw Road	Richardshaw Lane To Cul De Sac (Richardshaw Road)	Calverley & Farsley	C, F, K
Ring Road Crossgates (A6120)	Manston Drive To Crossgates Rd R/Bout (Evens Side Only)	Killingbeck & Seacroft	F
Ring Road Middleton	Nesfield Crescent 1st Entry House 1 To Broom Place	Middleton Park	C, F, K
Rooms Lane	Victoria Road To End Of Footpath After Chestnut Gardens	Morley North	C, F
Sackville Street	Meanwood Rd To Sheepscar St Sth	Chapel Allerton	C
Salisbury Street	Micklefield Lane To End	Guiseley & Rawdon	C, F, K
Scott Hall Crescent	Scott Hall Road To End	Chapel Allerton	C, F, K
Seacroft Crescent	North Parkway To Brooklands Avenue	Killingbeck & Seacroft	C, F
Selby Road (B6159)	Primrose Lane Jct To Chapel Street	Temple Newsam	C, F
Skelton Road	Ivy Avenue To Ing Road	Burmantofts & Richmond Hill	C
Southgate	Hawksworth Lane To Hawksworth Lane	Guiseley & Rawdon	C, F, K
Spencer Place	Harehills Avenue To Roundhay Road	Chapel Allerton	F
Spenser Road	Ruskin Crescent To Spenser Rise	Guiseley & Rawdon	F
St Anns Lane	Burley Road To Kirkstall Lane	Kirkstall	C
St Margarets Road	Station Road Rbt To St Margarets Close	Horsforth	C, F, K
St Martins Grove	St Martins Crescent To End	Chapel Allerton	C
St Pauls Place	St Pauls Street To Park Square South	City & Hunslet	F
St Pauls Street	King Street To Central Street	City & Hunslet	C, F

Stainbeck Avenue	Stainbeck Road To Stonegate Approach	Moortown	C
Stainbeck Avenue	Stonegate Approach To Stonegate Road	Moortown	C, F, K
Stanks Lane South	Eastwood Lane To Stanks Approach	Cross Gates & Whinmoor	C, F
Stanks Lane South	Stanks Approach To Stanks Drive	Cross Gates & Whinmoor	C
Stanmore Hill	Cardigan Lane To Lumley Road	Kirkstall	C, F, K
Swinegate	Briggate To Bishopgate St (North Edge Bdge)	City & Hunslet	C, F
Talbot Grove	Street Lane To East Moor Road	Roundhay	F
The Calls	High Court To Call Lane *One Way*	City & Hunslet	C, F
The Close	Winding Way To End	Alwoodley	F
The Mount	The Fairway To Meadow Way	Alwoodley	F
Upland Grove	Upland Road To Copgrove Road	Roundhay	C
Valley Road	Leeds Road To Leeds road	Kippax & Methley	C, F, K
Vesper Road	Spenn Lane To Hawkswood Grove	Kirkstall	C
Wadlands Rise	Priesthorpe Road To Red Lane	Calverley & Farsley	C
Wensley Drive	Stainbeck Lane To Scott Hall Road	Chapel Allerton	C, F, K
Westfield Lane	Leeds Road To Goodwood Avenue	Kippax & Methley	F
Westgate (A661)	Market Place To Linton Road	Wetherby	C, F, K
Weston Drive	Hollin Gate To Meagill Rise	Otley & Yeadon	F
Whitestone Crescent	Haw Lane (Side Hses 17/19) To Haw Lane (Side Hses 33/35)	Otley & Yeadon	F, K
Winding Way	The Mount To Meadow Valley	Alwoodley	F
Woodhall Lane	Rockwood Road To Calverley Golf Club	Calverley & Farsley	C, F
Woodhall Road	60m North Of Crossfield Farm To Woodhall Court	Calverley & Farsley	C, F
Woodnook Drive	Silk Mill Avenue To Silk Mill Gardens	Weetwood	C, F
Wyncliffe Gardens	Street Lane To End	Moortown	C, F, K
York Road (A64)	B6159 Harehills Ln To B6159 Selby Rd	Burmantofts & Richmond Hill	C

Total Highways Infrastructure Maintenance (Roads) Programme - Structural Maintenance

£12,579,555

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 - M = Micro asphalt, SD = Surface Dressing. Footway Treatments - S = footway Slurry)

Street (Road No if applicable)	Extents	Ward	Work Type
Asket Hill	Easterly Road To Wetherby Road	Roundhay	M
Baronscourt	Baronsmead To Baronsway	Temple Newsam	M
Baronsmead	Ring Road Halton To End	Temple Newsam	M
Barwick Road (C134)	Old York Road To A6120 Ring Road (Both Sides Of Dual Cway)	Killingbeck & Seacroft	SD
Bayton Lane	A658 Victoria Avenue To Layton Road	Otley & Yeadon	SD
Becketts Park Crescent	St Chads View To St Chads View	Weetwood	M
Becketts Park Drive	St Annes Road To St Annes Road	Weetwood	M

Becketts Park Road	Becketts Park Crescent To Becketts Park Drive	Weetwood	M
Boldmere Road	Freemantle Place To Boundary House 22	Temple Newsam	M, S
Boldmere Road	Boundary House 22 To Levita Place	Temple Newsam	M
Broadgate Lane	Alex&Ra Road To Low Lane	Horsforth	SD
Brown Lane East	Top Moor Side To Entrance For Old School Site	Beeston & Holbeck	SD
Bullerthorpe Lane (C137)	A642 To Stile Hill Way Rbdt	Garforth & Swillington	SD
Butt Lane	Ring Road A6110 To Pudsey Road	Farnley & Wortley	M
Canada Drive	Harrogate Road To Harrogate Road (Crescent)	Guiseley & Rawdon	SD
Canada Drive	Canada Drive To Canada Crescent	Guiseley & Rawdon	SD
Capel Street	Shell Lane To Towngate	Calverley & Farsley	M
Carden Avenue	Selby Road To Ullswater Crescent	Temple Newsam	M
Cliff Road	Woodhouse Lane To Clifford Garden	Hyde Park & Woodhouse	M
Coach Road	Outside House 45 To End	Guiseley & Rawdon	M
Cookridge Lane (C142)	Cookridge Avenue To Otley Old Road	Adel & Wharfedale	SD
Coppice Wood Avenue	Opp Hses 38/40 Queensway To Coppice Wood Grove	Guiseley & Rawdon	SD
Coppice Wood Avenue	Coppice Wood Grove To Queensway	Otley & Yeadon	SD
Coronation Parade	Cartmell Drive To Ullswater Crescent	Temple Newsam	M
Craven Road	Woodhouse Street To Bollards Nr Melville Road	Hyde Park & Woodhouse	M
Cross Lane	Whincover Drive To Hall Lane	Farnley & Wortley	SD
Crowther Place	Craven Road To End	Hyde Park & Woodhouse	M
Dean Lane	Otley Old Road To Whitehouse Lane	Otley & Yeadon	SD
Fairburn Drive	Hazelwood Avenue To Green Lane	Garforth & Swillington	SD
Fairfield Terrace	Fairfield Grove To Rosemont Street	Bramley & Stanningley	M
Far Croft Terrace	Gilpin Terrace To Gilpin View	Armley	M
Fawcett Gardens	Fawcett Way To End	Farnley & Wortley	M
Fawcett Way	Fawcett Gardens To Fawcett Vale	Farnley & Wortley	M
Freemantle Place	Kyffin Avenue To Boldmere Road	Temple Newsam	M, S
Front Street (C14)	Clifford Road To Wetherby Road	Wetherby	SD
Gelderd Road (A62)	Industrial Est R/Bout To A58 Roundabout	Beeston & Holbeck	SD
Gilpin Place	St Marys Close To End	Armley	M
Gilpin Terrace	St Marys Close To Barrier	Armley	M
Gilpin View	St Marys Close To Farcroft Terrace	Armley	M
Gledhow Park Drive	Gledhow Valley Road To Hospital Entrance	Chapel Allerton	M
Gledhow Park Road	Gledhow Park Drive To Gledhow Valley Road	Chapel Allerton	M
Gledhow Valley Road	Allerton Grange Way To Harrogate Road	Chapel Allerton	M
Global Avenue	Millshaw To Barrier	Beeston & Holbeck	M
Haigh Side Drive	Low Shops Lane To Wood Lane	Rothwell	M
Hall Lane	Cross Lane To Tong Road	Farnley & Wortley	SD

Hamilton Gardens	Louis Street To End	Chapel Allerton	M, S
Harrogate Road (A61)	School R/Bout To Sturdy Beck	Alwoodley	SD
Harrogate Road (A61)	Sturdy Beck To Wike Lane	Harewood	SD
Hawkins Drive	Leicester Place To End (Inc Parking Bays)	Hyde Park & Woodhouse	M, S
Hawksworth Road (C516)	A65 Abbey Road To Butcher Hill	Horsforth	SD
Hawthorn Road	Regent Street To Town Street	Chapel Allerton	M
Hollin Crescent	Hollin Lane To Hollin Drive	Weetwood	M
Hollin Drive	Hollin Lane To End	Weetwood	M
Hollin Lane	Weetwood Avenue To Weetwood Lane	Weetwood	M
Hollyshaw Crescent	Baronsway To Hollyshaw Lane	Temple Newsam	M
Holt Drive	Holt Road To End	Adel & Wharfedale	M
Holt Garth	Holt Park Approach To End	Adel & Wharfedale	M
Holt Green	Holt Road To End	Adel & Wharfedale	M
Holt Park Approach	Cul De Sac Adj Hse 6 To End	Adel & Wharfedale	M
Holt Park Avenue	Holt Park Approach To End	Adel & Wharfedale	M
Holt Park Gardens	Holt Park Approach To End	Adel & Wharfedale	M
Holt Park Lane	Holt Park Road To End	Adel & Wharfedale	M, S
Holt Park Rise	Holt Park Road To End	Adel & Wharfedale	M, S
Holt Park Vale	Holt Park Road To End	Adel & Wharfedale	M, S
Holt Park Way	Holt Park Approach To End	Adel & Wharfedale	M
Holt Rise	Holt Road To End	Adel & Wharfedale	M, S
Holt Way	Holt Road To End	Adel & Wharfedale	M, S
Hopes Farm Mount	Hopes Farm Road To End	Middleton Park	M
Hopes Farm Road	Ring Road Middleton To End	Middleton Park	M
Hopes Farm View	Hopes Farm Road To End	Middleton Park	M
Hudson Way (A168)	Sandbeck Ln Rdbt To N Yorks Bndry	Wetherby	SD
Intake Lane	Leeds & Bradford Road To Coal Hill Lane	Bramley & Stanningley	SD
Ivegate	Town Street To Well Hill	Otley & Yeadon	M
Jack Lane	Slip From M621 To Marshall Street	City & Hunslet	SD
Kelmescott Lane	Manston Gardens To Pendas Way	Cross Gates & Whinmoor	SD
Kendal Drive	Coronation Parade To Ullswater Crescent	Temple Newsam	M
Kenworthy Close	Holt Road To End	Adel & Wharfedale	M, S
Kenworthy Gardens	Holt Road To End	Adel & Wharfedale	M, S
Kenworthy Garth	Kenworthy Gardens To End	Adel & Wharfedale	M, S
Kenworthy Gate	Holt Road To End	Adel & Wharfedale	M, S
Kenworthy Rise	Holt Road To End	Adel & Wharfedale	M, S
Kenworthy Vale	Holt Road To End	Adel & Wharfedale	M, S
King Lane (C333)	Harrogate Road To Scott Hall Road	Moortown	SD

King Street (B6135)	A58 Whitehall Road To Moorside Road	Morley North	SD
Kings Chase	Haigh Road To End	Rothwell	M
Kirkwood Avenue	Moseley Wood Approach To Wrenbury Crescent	Adel & Wharfedale	M
Kirkwood View	Wrenbury Crescent To Kirkwood Drive	Adel & Wharfedale	M
Kitson Close	Oldfield Lane To End	Farnley & Wortley	M
Kitson Gardens	Oldfield Avenue To End	Farnley & Wortley	M
Kyffin Avenue	Carden Avenue To Carden Avenue	Temple Newsam	M
Leopold Street	Cross Louis Street To Spencer Place	Chapel Allerton	M
Long Causeway	Sir George Martin Drive To Sir G/M Drive	Adel & Wharfedale	M
Louis Street	Chapeltown Road To Spencer Place	Chapel Allerton	M, S
Lovell Park Road	Elmwood Lane To Meanwood Street	Hyde Park & Woodhouse	SD
Lyme Chase	York Road To End	Killingbeck & Seacroft	M
Lytham Grove	Cow Close Road To Branch Street	Farnley & Wortley	SD
Lytham Place	Branch Street To Cow Close Road	Farnley & Wortley	SD
Main Street	Park Ln Cl Rdbt To Station Road	Kippax & Methley	SD
Mandarin Way	Ring Road Middleton To Outside House 38	Middleton Park	M
Middleton Grove	Lockwood Close To John Charles Rdbt	City & Hunslet	SD
Mistress Lane	Chapel Lane To Entry Parking Area O/S Hse 85 (Rest Private)	Armley	SD
Moor Road (C142)	Otley Old Road To Eastgate	Adel & Wharfedale	SD
Moseley Wood Lane	Tinshill Road To Green Lane	Adel & Wharfedale	SD
New Road (A65)	Green Lane R/Bout To Kirk Lane	Guiseley & Rawdon	SD
New Sturton Lane	Sturton Lane To Dover Street	Garforth & Swillington	SD
Newlay Grove	Newlaites Road To Ends (Except From Hse 7 On - Private)	Horsforth	M
Nunroyd Avenue	Nunroyd Grove To Harrogate Road	Moortown	M
Nunroyd Grove	Lidgett Lane To Nunroyd Avenue	Moortown	M
Nunroyd Lawn	Nunroyd Road To T Junction	Moortown	M
Nunroyd Road	Harrogate Road To Stainburn Avenue	Moortown	M
Nunroyd Street	Nunroyd Road To Nunroyd Avenue	Moortown	M
Nunroyd Terrace	Nunroyd Road To Nunroyd Avenue	Moortown	M
Oatland Lane	Meanwood Street To Oatland Road	Hyde Park & Woodhouse	SD
Old Park Road	Gledhow Lane To Parkwood Avenue	Roundhay	M
Old Park Road	North Park Road To Park Villas	Roundhay	M
Old Pool Bank	Pool Bank New Road To Leeds Road	Adel & Wharfedale	SD
Oldfield Avenue	Oldfield Lane To End	Farnley & Wortley	M
Paddock Close	Paddock Drive To Start Of Blocks	Morley North	M
Paddock Drive	Birstall Lane To T Junction (O/S Hse 25)	Morley North	M
Park Road (B6153)	A6038 Bradford Road To Back Lane	Guiseley & Rawdon	M
Poppleton Drive	Poppleton Road To End (Blocks Private)	Ardsley & Robin Hood	M

Poppleton Rise	Lowry Road To Start Of Blocks	Ardsley & Robin Hood	M
Poppleton Road	Lowery Road To End (All Tarmac)	Ardsley & Robin Hood	M
Poppleton Way	Poppleton Rise To End	Ardsley & Robin Hood	M
Racecourse Approach (B1224)	Racecourse Rdbt To Start Dual C/Way	Wetherby	SD
Redshaw Road	Tong Road To End	Armley	M
Regent Street	Woodland Lane To Harrogate Road	Chapel Allerton	M, S
Richardson Road	Osmondthorpe Lane To Richardson Crescent (Rest Private)	Burmantofts & Richmond Hill	M, S
Ridding Gate	Weston Drive To Weston Ridge	Otley & Yeadon	SD
Ring Road Adel (A6120)	Weetwood Lane To Parkside Road (Both Sides Of Dual Cway)	Weetwood	SD
Ring Road Meanwood (A6120)	Parkside Road To Black Moor Road (Both Sides Of Dual Cway)	Weetwood	SD
Ring Road Middleton	Throstle Road North To End (House 194-196)	Middleton Park	M
Ring Road Moortown (A6120)	Blackmoor Road To King Lane R/Bout (Both Sides Of Dual Cway)	Moortown	SD
Ring Road Weetwood (A6120)	A6120/A660 Rdbt To Weetwood Lane (Both Sides Of Dual Cway)	Weetwood	SD
Selby Road (A63)	Lidgett Lane To Ninelands Lane	Garforth & Swillington	SD
Selby Road (B6159)	Chapel Street To A6120 R/Bout	Temple Newsam	SD
Servia Hill	Oatland Road To St Marks Road	Hyde Park & Woodhouse	SD
Shadwell Lane (C301)	Harrogate Road To Ring Road	Moortown	SD
Shadwell Lane (C301)	C301 Wike Ridge Lane To Hollywell Lane	Alwoodley	SD
Shell Lane	Woodhall Road To Monson Avenue	Calverley & Farsley	M
Silverdale Avenue	Silverdale Drive To Silverdale Mount	Guiseley & Rawdon	M
Silverdale Crescent	Silverdale Road To End	Guiseley & Rawdon	M
Silverdale Grove	Silverdale Road To Coach Road	Guiseley & Rawdon	M
Silverdale Mount	Coach Road To End	Guiseley & Rawdon	M
Silverdale Road	Silverdale Road To Coach Road	Guiseley & Rawdon	M
Somerville Drive	Foundry Lane To End	Killingbeck & Seacroft	M
Somerville Green	York Road To End	Killingbeck & Seacroft	M
Somerville Mount	The Oval To Foundry Lane	Killingbeck & Seacroft	M
Springbank Close	Wesley Street To Springbank Road	Calverley & Farsley	SD
St Chads View	St Chads Drive To Becketts Park Crescent	Weetwood	M
St Marks Road	Servia Hill To Ragland Road	Hyde Park & Woodhouse	SD
St Marys Close	Tong Road To End	Armley	M
Stainbeck Road (B6159)	Scott Hall Road To Harrogate Road	Moortown	SD
Stanks Drive	Ainsley View To Swarcliffe Green	Cross Gates & Whinmoor	SD
Station Road	Main Street (Memorial) To Victoria Street.	Kippax & Methley	SD
Stonegate Road (B6157)	Carr Manor Crescent To King Lane	Moortown	SD
Stonegate Road (B6157)	Monkbridge Road To Stainbeck Lane	Moortown	SD
Sturton Lane	A642 Aberford Road To Firthfields	Garforth & Swillington	SD
Styebank Lane	Park Lane To Haigh Road	Rothwell	SD

The Oval	Summerville Green To Summerville Avenue	Killingbeck & Seacroft	M	
Tyas Grove	Ings Road To Oakham Way	Burmantofts & Richmond Hill	M, S	
Ullswater Crescent	Carden Avenue To Halton Moor Road	Temple Newsam	M	
Victoria Avenue (A658)	Adj Hse 27 To Whitehouse Ln Rdbt (Both Sides Of Dual Cway)	Otley & Yeadon	M	
Victoria Park Grove	Outgang Lane To Raynville Road	Armley	M	
Victoria Road	Haigh Side Drive To End	Rothwell	M	
Wakefield Road (B6135)	Moorside Road To A650 Driglington Bypass	Morley North	SD	
Wellstone Garth	Wellstone Avenue To House Number 141	Pudsey	M	
West End Lane	Hall Lane To West End Rise	Horsforth	SD	
Weston Ridge	The Oval To Meagill Rise	Otley & Yeadon	SD	
Wetherby Road (C13)	Back Street To Miln Thorpe Lane	Wetherby	SD	
Wood Close	Haigh Side Drive To End	Rothwell	M	
Wood Crescent	Haigh Side Drive To End	Rothwell	M	
Wood Drive	Haigh Side Drive To End	Rothwell	M	
Wood Hill	Haigh Side Drive To End	Rothwell	M	
Wood Mount	Haigh Side Drive To Footway	Rothwell	M	
Woodcross End	Woodcross Garth To End	Morley North	M	
Woodcross Fold	Woodcross To End	Morley North	M	
Woodcross Garth	Woodcross Fold To End	Morley North	M	
Woodlands	Bradford Road To End	Ardsley & Robin Hood	M	
Woodlands Drive	Woodlands To Start Of Blocks (Hse 28)	Ardsley & Robin Hood	M	
Wrenbury Crescent	Green Lane To Tinshill Road	Adel & Wharfedale	SD	
Wykebeck Valley Road	York Road To Foundry Lane	Gipton & Harehills	SD	
Wyther Park Avenue	Wyther Park Road To Wyther Park Hill	Armley	M	
Wyther Park Crescent	Wyther Park Road Adj Hse16 To Wyther Park Road Adj Hse 42	Armley	M	
Wyther Park Mount	Cockshott Lane To Bollards	Armley	M	
Wyther Park Road	Houghley Lane To Barrier Adj Hses 38/40	Armley	M	
Wyther Park Square	Wyther Park Road To End	Armley	M	
Wyther Park Street	Wyther Park Road To Wyther Park Mount	Armley	M	
Wyther Park Terrace	Wyther Park Street To Houghley Lane	Armley	M	
Wyther Park View	Wyther Park Crescent To Wyther Park Hill	Armley	M	
York Road (A64)	Foundry Ln Rdbt To Old York Road (Both Sides Of Dual Cway)	Killingbeck & Seacroft	SD	
Total Highways Infrastructure Maintenance (Roads) Programmes - Preventative Maintenance				£3,088,186
Preventative Maintenance pre-patching				£610,365
A supplementary programme of pre-patching works for the preventative works programme to the adopted road network for 2019/20. The locations will be identified during 2018/19 with the work carried out in 2018/19, to ensure the preventative works programme can be carried out without delay in 2019/20.				

<p>Minor Works</p> <p>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.</p>	£516,583
<p>Drainage Schemes</p> <p>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.</p>	£150,000

Appendix B2

Highways Infrastructure Maintenance (Roads) Programme 2018/2019

<p>Machine Condition Surveys</p> <p>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.</p>	£35,000	
<p>Course Visual Inspection & Footway Inventory and Condition Surveys</p> <p>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.</p>	£40,000	
	Sub total	£17,019,689
Total Highways Infrastructure Maintenance (Roads) Programmes Carried forward from 2017/18 (From Appendix B1)		£1,851,774
	Sub total	£18,871,463
Total Highways Infrastructure Maintenance (Roads) Funding Carried forward from 2017/18 (From Appendix B1)		-£1,144,163
Total Highways Infrastructure Maintenance (Roads) Programmes 2018/2019		£17,727,300

Highways Infrastructure Maintenance (Roads) Programme 2019/2021 (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 2019/20 and 2020/21 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
2019/2020				
Adel Grange Close	Adel Lane To End	Adel & Wharfedale	C, F	
Alberta Avenue	Montreal Avenue To Dominion Avenue	Chapel Allerton	C, F, K	
Allerton Grove	Lime Tree Avenue To Bollards	Moortown	C, F, K	
Amberton Road	Oak Tree Drive To Oakwood Lane	Gipton & Harehills	C, F	
Argyll Close	Scotland Way To End	Horsforth	F	
Arran Drive	Bdy House 87 Scotland Way To Scotland Way	Horsforth	F	
Barncroft Rise	Barncroft Drive To Kentmere Avenue	Killingbeck & Seacroft	C	
Barnsdale Road (A656)	Park Lane To B6137 Longdike Lane	Kippax & Methley	C	
Beech Lane	Oakwood Lane To Oak Tree Crescent	Gipton & Harehills	C, F	
Beech Lane	Oak Tree Crescent To Coldcotes Circus.	Gipton & Harehills	C	
Beecroft Street	Commercial Road To Kirkstall Hill	Kirkstall	C, F, K	
Beecroft Street Access Road West	Beecroft Street (Opp Milford Sports Club) To Rh Entrance Of Car Park (Rest Private)	Kirkstall	C, F	
Bellbrooke Street	Bellbrooke Avenue To End	Burmantofts & Richmond Hill	C, F	
Berkeley Street	Chatsworth Road To Strathmore Drive	Gipton & Harehills	C	
Boggart Hill	Asket Drive To Boggart Hill Road	Killingbeck & Seacroft	C	
Boggart Hill Road	Boggart Hill Drive To The Rein	Killingbeck & Seacroft	C	
Brackenwood Drive	Lidgett Lane To Brackenwood Green	Roundhay	C, F, K	
Brackenwood Drive	Brackenwood Green To Larkhill View	Roundhay	C, F	
Brackenwood Drive	Larkhill View To Larkhill Road	Roundhay	C, F, K	
Brackenwood Drive	Larkhill Road To Lidgett Lane	Roundhay	C, F	
Brian View	Cross Gates Lane To Cross Gates Avenue	Killingbeck & Seacroft	C, F, K	
Broad Lane	Leeds/Bradford Rd Entry Then Britannia St To Swinnow Ln End	Bramley & Stanningley	C, F, K	
Broadway	Cul De Sac Adj House 209 To End	Horsforth	C, F, K	
Brunswick Street (B6126)	Queen Street To A643 Victoria Road	Morley South	C, F	
Canada Terrace	Canada Road To Canada Crescent	Guiseley & Rawdon	C	

Highways Infrastructure Maintenance (Roads) Programme 2019/2021 (PROVISIONAL)

Street (Road No if applicable)	Extents	Ward	Work Type	Comment
Carr Manor Drive	Carr Manor Parade To Carr Manor View	Moortown	C, F, K	
Carr Manor Parade	Wensley Drive To Barthorpe Avenue	Moortown	C, F, K	
Carr Manor Parade	Barthorpe Avenue To Scott Hall Road	Moortown	C	
Carr Manor Road	Stainbeck Road To King Lane	Moortown	C	
Church Avenue	Church Lane To St Margarets Avenue	Horsforth	C, F	
Church Road	Hall Lane To Church Lane	Horsforth	C, F	
Cliffe Park Chase	Cliffe Park Terrace To End	Farnley & Wortley	F	
Cliffe Park Close	Cliffe Park Crescent To End	Farnley & Wortley	F	
Cliffe Park Crescent	Blue Hill Lane To Blue Hill Lane	Farnley & Wortley	F	
Cliffe Park Mount	Cliffe Park Crescent To End	Farnley & Wortley	F	
Clyde Approach	Entrance To Clyde Court To Bruce Gardens	Armley	C, F, K	
Cottingley Road	Cottingley Drive To Start Garage Area	Beeston & Holbeck	C, F, K	
Coxwold Hill	North Grove Drive To Coxwold View	Wetherby	C, F	
Coxwold View	Coxwold Hill To Barleyfields Rd	Wetherby	C, F	
Crawshaw Avenue	Robin Lane To End	Pudsey	C, F	
Croft Avenue	Newall Carr Road To Newall Avenue	Otley & Yeadon	C, F, K	
Croft House Avenue	King George Avenue To Croft House Gardens	Morley North	C, F, K	
Darfield Avenue	Conway Place To Ashley Road	Gipton & Harehills	F	
Darfield Crescent	Conway Place To Ashton Mount	Gipton & Harehills	F	
Darfield Place	Conway Place To Ashton Mount	Gipton & Harehills	F	
Darfield Street	Conway Place To Ashton Mount	Gipton & Harehills	F	
Dennil Road	Church Lane To End	Cross Gates & Whinmoor	C, F	
Earlswood Avenue	Bideford Avenue To Kingwood Gardens	Roundhay	C, F, K	
Earlswood Avenue	Kingwood Gardens To Westcombe Avenue	Roundhay	C	
East Park Street	Fountain Street To Scatcherd Lane	Morley South	C, F	
Easterly Avenue	Gipton Wood Avenue To Footpath Adj To Hse 25	Roundhay	C, F	
Easterly Avenue	Footpath Adj To House 25 / 27 To Upland Road	Roundhay	C	
Easterly Road (A58)	Amberton Road To Harehills Lane	Gipton & Harehills	C, F	
Eastwood Drive	Swarcliffe Avenue To Eastwood Lane	Cross Gates & Whinmoor	C	
Elmet Drive	Elmet Road To Richmondfield Mount	Harewood	F	
Elmet Road	Richmondfield Lane To End	Harewood	F	
Enfield Terrace	Grant Avenue To Enfield Street	City & Hunslet	C, F	
Farm Road	Station Road To Orchard Road	Killingbeck & Seacroft	C	
Farrow Green	Farrow Hill To End	Farnley & Wortley	C, F, K	

Fawcett Drive	Wheelwright Avenue To Granny Lane	Farnley & Wortley	C, F, K	
Green Road	Stonegate Road To Church Lane	Moortown	C, F, K	
Haigh Wood Crescent	Holly Avenue To End	Weetwood	C, F, K	
Halliday Place	Halliday Drive To Halliday Mount	Armley	C, F, K	
Harehills Lane (B6159)	Harehills Avenue To Roundhay Road	Gipton & Harehills	C	
Harold Grove	Thornville Road To Bollards	Headingley	F	
Harold Place	Thornville Road To Thornville End	Headingley	F	
Harold Street	Thornville Road To End	Headingley	F	
Harrogate Road (A6152)	A65 Leeds Road To Canada Road	Guiseley & Rawdon	C	
Heatherdale Road	Lowry Road To Start Of Block Paving	Ardsley & Robin Hood	C, F	
Hill Crest	Church Lane To Springwell Avenue	Garforth & Swillington	C, F, K	
Hill Street	Coupland Street To Lodge Lane	City & Hunslet	C, F	
Holborn Street	Holborn Approach To T Junction	Hyde Park & Woodhouse	C, F, K	
Hollin Mount	Hollin Road To End	Weetwood	C, F, K	
Hopewell Place	Harold Street To End	Headingley	F	
Ingledeew Crescent	Ingledeew Drive To Cross Ingledeew Crescent	Roundhay	C, F, K	
Kelmscott Crescent	Kelmscott Green To Pendas Way	Cross Gates & Whinmoor	C, F	
Kelmscott Green	Pendas Way To Kelmscott Lane	Cross Gates & Whinmoor	C, F	
Kentmere Approach	Asket Drive To End	Killingbeck & Seacroft	C	
King Lane (C333)	A6120 Ring Road To Bus Turnaround (Inclusive)	Alwoodley	C	
Lanark Drive	Aaran Drive To End	Horsforth	F	
Landseer Avenue	Raynville Road To Victoria Park Avenue	Armley	C, F, K	
Linton Road (C180)	Linton Lane To A661 Westgate	Wetherby	C, F	
Lomond Avenue	Scotland Way To End	Horsforth	F	
Low Moor Side Lane	Whitehall Road To Low Moor Side	Farnley & Wortley	C, F, K	
Lowtown (B6154)	Lidgett Hill To Swinnow Road	Pudsey	C, F	
Manor Road	Victoria Road Inc (Slips) To Marshall St	City & Hunslet	C, F, K	
Middleton Road	East Grange Dr To Winrose Rd Rdbt	Middleton Park	C, F, K	
Millshaw	Elland Road To End Bollards	Beeston & Holbeck	C, F	
Moor Lane	Moorland Avenue To Mount Pleasant	Guiseley & Rawdon	C, F, K	
Moor Lane	Mount Pleasant To Metal Gate On Lhs After Allotments	Guiseley & Rawdon	C, F, K	
Moor Park Villas	Moor Road To End	Weetwood	C, F, K	
Moor Road	Dewsbury Road To End	City & Hunslet	C, F, K	
Moorland Drive	Moorland Grove To Moorland Road	Calverley & Farsley	C, F	
Newlands Crescent	Newlands Drive To Newlands Drive	Morley South	C, F, K	
Nidd Approach	Aire Road To Aire Road	Wetherby	C, F	

North Grove Drive	North Grove Avenue To Coxwold Hill	Wetherby	C, F	
North Lane	North Lane Gardens To North Grove Rise	Roundhay	F	
Northcote Green	Hunslet Hall Road To End Of House 63	City & Hunslet	C, F, K	
Northcote Green	Outside House 46 To Outside House 65	City & Hunslet	C, F	
Oak Tree Drive	Roundabout (Amberton Rd) To Roundabout (Foundry App) (Both Sides)	Gipton & Harehills	C	
Oakwood Lane	Oak Tree Drive To A58 Easterly Rd	Gipton & Harehills	C, F	
Park Avenue	Park Lane To End Of Loop	Kippax & Methley	C, F	
Park Avenue	Cul De Sac Adj To Hse 65 To End	Kippax & Methley	F	
Park View Terrace	Harrrogate Road To Park Avenue	Guiseley & Rawdon	C	
Parkland Gardens	Stonegate Road To End	Moortown	C, F, K	
Parklands	Parklands Gate Hse 1 To End Of Loop	Adel & Wharfedale	C	
Parklands Gate	Breary Lane To Parklands	Adel & Wharfedale	C	
Parkwood Road	Parkwood Avenue To Parkwood Close	Beeston & Holbeck	C, F	
Peckover Drive	Start Of Island To End	Calverley & Farsley	C, F, K	
Pennington Street	Woodhouse Street To Lucas Place	Hyde Park & Woodhouse	C, F, K	
Perth Mount	Scotland Way To End	Horsforth	F	
Queen Street	Pontefract Road To Wakefield Road	City & Hunslet	C	
Raylands Way	Raylands Lane To Cranmore Road	Middleton Park	C, F	
Recreation Crescent	Cleveley Avenue To Crosby Road	Beeston & Holbeck	C, F, K	
Redhill Crescent	Redhill Avenue To Redhill Drive	Ardsley & Robin Hood	C, F	
Reginald Terrace	Chapeltown Road To Hall Lane	Chapel Allerton	C, F, K	
Ridge Road (A656)	B6137 Longdike Lane To A63 Selby Road	Kippax & Methley	C	
Rombalds View	Weston Drive To Meagill Rise	Otley & Yeadon	C, F, K	
Rufford Drive	Green Lane To Rufford Avenue	Otley & Yeadon	C, F, K	
Rydal Crescent	Newlands Drive To Newlands Crescent	Morley South	C, F	
Scotland Way	Scotland Lane To Aaran Drive	Horsforth	F	
Scott Green Drive	Scott Green Crescent To Scott Green	Morley North	C, F, K	
Sholebroke Mount	Hall Lane To Scott Hall Road	Chapel Allerton	C, F, K	
South View	Regent Avenue To End	Horsforth	C, F	
Spennithorne Drive	Spen Lane To Otley Old Road	Weetwood	F, K	
Springbank Road	Springbank Close To Bagley Lane	Calverley & Farsley	C, F	
Springfield Road	Otley Road To House 41 Well Lane	Guiseley & Rawdon	C	
St Margarets Road	St Margarets Close To Lee Lane East	Horsforth	C, F	
St Matthias Street	Burley Road To End	Kirkstall	C, F, K	
Station Road (C535)	Chapel Hill To Albert Road	Morley North	C, F	
Stirling Crescent	Scotland Way To End	Horsforth	F	

Street Lane	Gelderd Road To Briarfield Gardens	Morley North	C, F	
Studio Road	Burley Road To Kirkstall Road	City & Hunslet	C, F	
Templenewsam Road	House 40 To Last House On Temple Avenue	Temple Newsam	C	
The Crest	Hill Crest To End Including Spur	Garforth & Swillington	F, K	
The Drive	The Crescent To The Quarry	Alwoodley	C, F	
The Drive	The Quarry To The Avenue	Alwoodley	F	
The Grange Road	Otley Old Road To End	Weetwood	C, F, K	
The Grove	Common Lane To End	Ardsley & Robin Hood	C, F, K	
The Pleasance	Hill Crest To End Including Spur	Garforth & Swillington	C, F, K	
The Turnways	Kirkstall Lane To End Of Loop	Headingley	C, F, K	
Walton Drive	Outside House 2 To Outside House 61	Morley North	C, F	
Weetwood Court	Weetwood Lane To Weetwood Lane	Weetwood	C, F	
Welfare Avenue	Croftway To Chapel Lane	Harewood	F	
Well Lane	House 41 Well Lane To The Green	Guiseley & Rawdon	C, F	
West Park Crescent	West Park Avenue To Park Lane	Roundhay	C, F	
Westdale Drive	Highfield Green To End	Calverley & Farsley	F	
Whinmoor Court	Whinmoor Gardens To Whinmoor Gardens	Cross Gates & Whinmoor	C, F	
Whitehall Road (A58)	B6135 Bradford Road - New Lane	Morley North	C, F, K	
Whitehall Road (A58)	Dixon Lane To Start D/Cway	Beeston & Holbeck	C, F	
Wood Lane	Greenmoor Avenue To Water Lane	Farnley & Wortley	C, F, K	
Woodhouse Street	Melville Road To Servia Road	Hyde Park & Woodhouse	C	
Wyther Park Hill	Cockshott Lane To End	Armley	C	
York Road (A64)	B6159 Selby Rd To Killingbeck Drive	Killingbeck & Seacroft	C	

2020/2021

Street (Road No if applicable)	Extents	Ward	Work Type	Comment
Aberford Road (A642)	Isabella Road Roundabout	Garforth & Swillington	C	
Allenby Road	Dewsbury Road To Westland Road	Beeston & Holbeck	C, F, K	
Allerton Grange Rise	Stainburn Terrace To Allerton Grange Gardens	Moortown	F	
Back Bradford Road	Owlcotes Lane To Woodlands Terrace	Calverley & Farsley	C	
Back Hyde Terrace	Clarendon Road To Hyde Terrace	Hyde Park & Woodhouse	C, F, K	
Bankfield Grove	Woodside View To Burley Wood Avenue	Kirkstall	C, F, K	
Bath Road	Water Lane To Sweet Street West	City & Hunslet	C, F, K	
Bawn Drive	Butterbowl Drive To End	Farnley & Wortley	C, F, K	
Beckhill Grove	Miles Hill Road To End	Chapel Allerton	F, K	
Bedford Mount	Silk Mill Drive To End	Weetwood	C, F	
Boggart Hill Gardens	Boggart Hill To Outside House 65	Killingbeck & Seacroft	C, F, K	
Boggart Hill Gardens	Outside House 65 To Boggart Hill Road	Killingbeck & Seacroft	C	

Boston Road	A58 Rdbt To Lodge Lane (A168)	Wetherby	C, F	
Brander Street	Brander Road To Coldcotes Grove	Gipton & Harehills	C, F	
Brick Mill Road	Valley Road To Chaucer Avenue	Pudsey	C, F	
Brooklands Crescent	Foundry Mill Drive To Back Foundry Mill Drive	Killingbeck & Seacroft	C, F, K	
Broomfield Road	Newport Road To Chapel Lane	Headingley	C, F, K	
Brunswick Row	Trafalgar Street To Lower Brunswick Street	City & Hunslet	C, F, K	
Byeway	New Way To End	Guiseley & Rawdon	C, F, K	
Canonbury Terrace	Wesley Street To End	Beeston & Holbeck	C, F	
Cardinal Road	Waincliffe Terrace To Bollards	Beeston & Holbeck	C, F, K	
Castle Ings Drive	Castle Ings Gardens To Castle Ings Drive	Farnley & Wortley	C, F	
Clapgate (B6451)	A659 Westgate To Courthouse Street	Otley & Yeadon	C	
Clay Pit Lane (A58)	Meanwood Road To B/Nose Slip A58m	Hyde Park & Woodhouse	C	
Cragside Mount	Vesper Road To Cragside Walk	Kirkstall	C, F	
Cross Flatts Place	Wooler Street To Wooler Avenue	Beeston & Holbeck	C, F, K	
Cudbear Street	Crown Point Road To Sheaf Street	City & Hunslet	C, F	
Dale Park View	Tinshill Road To Dale Park Avenue	Adel & Wharfedale	C, F	
Dartmouth Way	Garnet Road To End	City & Hunslet	C, F, K	
Dawsons Corner	Cote Lane To Outside House 58,	Calverley & Farsley	C, F	
Dean Park Drive	Bradford Road To Dean Park Avenue	Morley North	C, F	
Dean Park Drive	Dean Park Avenue To End Of Loop	Morley North	C, F, K	
Deanswood Drive	Cranmer Rise To Deanswood Hill	Alwoodley	C	
Dewsbury Road (A653)	End Dual C/Way To Ring Road Beeston	Beeston & Holbeck	C, F	
Dorset Terrace	Harehills Lane To Dorset Road	Gipton & Harehills	C	
Dulverton Gardens	Cottingley Drive To End (Road To Garage Area Private)	Beeston & Holbeck	C, F, K	
Field End Crescent	Field End Gardens To Field End Close	Temple Newsam	C	
Field End Crescent	Field End Close To Field End Garth	Temple Newsam	C, F	
Field End Gardens	Field End Garth To Selby Road	Temple Newsam	C	
Fitzroy Drive	Gledhow Lane To Thorne Lane	Roundhay	C	
Foundry Mill Drive	Roundabout To Brooklands Drive	Killingbeck & Seacroft	C, F, K	
Foundry Mill Drive	Brooklands Crescent To Brooklands Drive	Killingbeck & Seacroft	C, F	
Fourth Avenue	Leeds Road To End	Rothwell	C, F	
Gamble Lane	Tong Road To Side House 65	Farnley & Wortley	C	
Gledhow Lane	Roundhay Rd To Ryder Gdns	Roundhay	C, F	
Granby Road	St Michaels Road To Granby Terrace	Headingley	C, F, K	
Grange Park Crescent	Dib Lane To Grange Park Rise	Killingbeck & Seacroft	C, F, K	
Green Lane (A658)	A65 Rdbt To B6152 Harrogate Rd	Guiseley & Rawdon	C, F	

Greentop	Fartown To End	Pudsey	C, F	
Hall Lane	Park Drive To Rawdon Road	Horsforth	C, F, K	
Hawthorn Drive	Haw Lane To Cemetery Lane	Otley & Yeadon	C	
Henley Close	Town Street To End (Inc Opp Spur)	Horsforth	C, F	
High Street (A6164)	Lodge Lane To B6164 Mini Rdbt	Wetherby	C, F	
Higher Grange Road	Pembroke Drive To Back Richardshaw Lane	Calverley & Farsley	C	
Hilton Grove	Avenue Hill To Hilton Place	Chapel Allerton	C, F, K	
Hopewell Terrace	High Street To End Of House No 9	Kippax & Methley	C	
Howley Park Road East	Cul De Sac To T Jct Howley Park Road East	Morley South	C, F, K	
Hunslet Road	Crown Point Road To Sheaf Street	City & Hunslet	C, F	
Ibbetson Oval	Ibbetson Close To Ibbetson Oval	Morley North	C	
Kelmscott Avenue	Kelmscott Lane To Kelmscott Gardens	Cross Gates & Whinmoor	C, F	
Kelmscott Grove	Kelmscott Avenue To End	Cross Gates & Whinmoor	C, F, K	
Kingsway	Moorside Road To Cut Through (Adj Hse59)	Morley North	C, F, K	
Kirkgate (B6541)	Station Road To A659 Westgate	Otley & Yeadon	C	
Kirkstall Hill	Eden Road To Kirkstall Lane	Kirkstall	C, F	
Latchmere Drive	Latchmere Gardens To Latchmere Crest	Kirkstall	C, F, K	
Leeds And Bradford Road	Intake Lane To End	Bramley & Stanningley	C, F, K	
Lickless Terrace	Lickless Drive To End	Horsforth	C, F, K	
Lidgett Hill	Lidgett Lane To End	Roundhay	C, F	
Manor Road	Side Of Hair Dressers (Round The Back) To Side Of Chinese	Rothwell	C, F	
Manston Crescent	Manston Drive (Hse 2) To Manston Grove	Cross Gates & Whinmoor	C, F, K	
Mexborough Place	Mexborough Grove To Savile Drive	Chapel Allerton	C	
Meynell Mount	Park West To End	Rothwell	C, F	
Miles Hill Road	Pottnewton Lane To Miles Hill Crescent	Chapel Allerton	C	
Mill Lane	Main Street To 2nd Cul De Sac Millcroft Estate	Adel & Wharfedale	C, F, K	
Montagu Drive	Oakwood Lane To End	Roundhay	C, F, K	
Moorland Crescent	Moorland Road To End	Calverley & Farsley	C, F, K	
New Road Side (A65)	A65/Green Lane R/Bout	Guiseley & Rawdon	C, F	
Oaklea Gardens	Adel Lane To End	Adel & Wharfedale	C, F, K	
Oakwood Avenue	Oakwood Lane To Oakwood Boundary Road	Roundhay	C, F, K	
Owlcotes Gardens	Owlcotes Road To End	Calverley & Farsley	C, F, K	
Park Parade	Pontefract Lane To East Park Road	Burmantofts & Richmond Hill	C, F	
Pontefract Lane	Cl Mini Rdbt Cross Green Lane To Start Traffic Island End Two Way	Burmantofts & Richmond Hill	C, F	
Poole Crescent	Farm Road To Cold Well Road	Killingbeck & Seacroft	C	

Potternewton Court	Potternewton Lane To End	Chapel Allerton	C, F, K	
Quarry Lane	Bridge Street To House 3a	Morley South	C	
Queenshill Drive	King Lane To Queenshill Avenue	Moortown	C, F	
Queenshill View	Queenshill Avenue To End Including Spur	Moortown	C, F, K	
Queensway	Town Gate Close To Town Gate	Guiseley & Rawdon	C	
Raynel Gardens	Raynel Drive To Raynel Way	Weetwood	C, F	
Ring Road Crossgates (A6120)	Crossgates Road Roundabout	Killingbeck & Seacroft	C	
Rockingham Road	Smeaton Approach To End	Cross Gates & Whinmoor	C	
Rockingham Way	Rockingham Road To End	Cross Gates & Whinmoor	C	
Roker Lane (C505)	Tong Road To Littlemoor Road	Pudsey	C, F, K	
Roundhay Mount	Harehills Lane To Gledhow Valley Road	Chapel Allerton	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	
Rushton Street	Woodhall Road To Capel Street	Calverley & Farsley	C, F, K	
Sandbed Lane	Church Lane To End	Cross Gates & Whinmoor	C, F	
Sandway	Hawkhill Avenue To Hawkhill Gardens	Killingbeck & Seacroft	C, F, K	
Sandyacres	Haigh Road To End	Rothwell	C, F	
Sandyacres Crescent	Haigh Road To Sandyacres Crescent	Rothwell	C, F	
Sheepscar Street South (A61)	A58 Interchange To Start D/Cway	City & Hunslet	C	
South Close	Southway To End	Guiseley & Rawdon	C, F, K	
South Parade	North Lane To Ash Crescent	Headingley	F	
Springwood Road	Micklefield Lane To End	Horsforth	C, F	
Springwood Road	Outside "White Croft" To Apperley Lane	Horsforth	C, F, K	
St Michaels Lane	Talbot View To Railway Bridge (Nr St Anns Drive)	Kirkstall	C, F	
Stafford Street	Hunslet Road To 85m (Rest Of Road Private)	City & Hunslet	C	
Stanhope Close	Stanhope Avenue To End	Horsforth	C, F, K	
Stanningley Road (A647)	Cockshott Ln To B/Nose Start Stanningley Bypass	Armley	C	
Station Road (A6120)	Crossgates Rd R/Bout To End D/Cway (Both Sides Of Dual Cway)	Killingbeck & Seacroft	C	
Stocks Road	Stocks Approach To End	Killingbeck & Seacroft	C, F	
Stonecliffe Mount	Stonebridge Lane To End	Farnley & Wortley	C, F, K	
Stonegate Road (B6157)	King Lane To Scott Hall Road	Moortown	C	
Storey Place	Sutton Approach To End	Killingbeck & Seacroft	C, F, K	
Swinnow Lane (B6157)	Swinnow Close To Stanningley Road	Pudsey	C, F	
Tarnside Drive	Alston Lane To Dufton Approach	Killingbeck & Seacroft	C, F	
Telford Place	Woodhouse Hill Road To End	City & Hunslet	C, F	

The Crescent	Otley Road To Heathfield	Adel & Wharfedale	F, K	
The Crescent	Heathfield To The Drive	Adel & Wharfedale	F	
Throstle Road	Hse No 2 To Throstle Lane	Middleton Park	C	
Tingley Common (A650)	Exit Rein Rd Interchange To Start Dual C/Way	Morley South	C, F	
Torre Road	Lupton Avenue To Torre Green Access Road	Burmantofts & Richmond Hill	C, F	
Torre Road	Torre Green Access Road To Nippet Lane	Burmantofts & Richmond Hill	C	
Valley Road	Leeds Road To Leeds Road	Kippax & Methley	C, F	
Vesper Walk	Abbey Road To End	Kirkstall	C, F, K	
Victoria Street	Woodland Lane To Short Lane	Chapel Allerton	F, K	
Village Avenue	Stanmore Hill To End	Kirkstall	C, F, K	
Village Place	Stanmore Hill To End	Kirkstall	C, F, K	
Watson Road	Rye Place To York Road	Killingbeck & Seacroft	C, F	
Weetwood Grange Grove	Otley Road To Weetwood Road	Weetwood	C, F, K	
West Chevin Road	Opposite Kirwin Cottage To Bndry Main Entry Caravan Park	Otley & Yeadon	C, F, K	May require major capital scheme due to land slippage / movement. Ongoing monitoring taking place.
Westover Road	Town Street To Westover View	Bramley & Stanningley	C, F, K	
Wrenbeck Drive	The Whartons To The Gills	Otley & Yeadon	F	
Wynmore Avenue	Leeds Road To Tredgold Avenue	Adel & Wharfedale	F	
Zoar Street	Troy Road To Commercial Street	Morley South	C, F, K	

Highways Infrastructure Maintenance (Structures) Programme 2018/2019

Programme Area
Schemes brought forward from 2017/18 and schemes introduced for 2018/19

Scheme No.	Structure	Description	Ward	Estimated Costs (£)		
				2018/19	2019/20 onwards	Comments
732548	Wellington Road North Footbridge	Replacement of temporary centre span	City & Hunslet	0	1,800,000	C/fwd
732066	Otley Bridge Footway Cantilever	Refurbishment of cantilever footway.	Otley & Yeadon	50,000	500,000	C/fwd
	Otley Bridge	Construction of scour protection measures	Otley & Yeadon	75,000	300,000	New
732074	Pool Bank Culvert	Replacement of culvert due to failed section.	Adel & Wharfedale	540,000	10,000	C/fwd
732292	Hansbygate Subway	Strengthening of substandard subway	Cross Gate & Whinmoor Killingbeck & Seacroft	10,000	5,000	C/fwd
732547	Water Lane Cantilever	Strengthening of substandard sections of footway	City & Hunslet	55,000	2,000,000	C/fwd
732533	Scour Assessments	Scour assessment of at risk bridges	Various	85,000	85,000	C/fwd
732282	Woodhouse Lane Bridge	Replacement of west edge beam	City & Hunslet Hyde Park & Woodhouse	50,000	1,200,000	C/fwd
	Woodhouse Lane Bridge	Installation of interim measures to protect weak footway	City & Hunslet Hyde Park & Woodhouse	50,000	0	New
Various	Retentions	Retentions for completed schemes	Various	50,000	50,000	C/fwd
	Station Road Crossgates Railway Bridge	Repair damaged bridge joints	Cross Gate & Whinmoor	50,000	0	C/fwd
	Owlcotes	Replace failed bridge bearings	Calverley & Farsley	40,000	350,000	New
	Leeds Bridges Minor Works	Minor repair schemes at various locations around Leeds.	Various	479,700	600,000	C/fwd
732065	Thorp Arch Bridge	Strengthening of structure for undermining / scour.	Wetherby	50,000	815,000	C/fwd

Highways Infrastructure Maintenance (Structures) Programme 2018/2019

Programme Area

Schemes brought forward from 2017/18 and schemes introduced for 2018/19

Scheme No.	Structure	Description	Ward	Estimated Costs (£)		
				2018/19	2019/20 onwards	Comments
732521	Little Woodhouse Street	Strengthening of substandard panels 18/19/20 of Woodhouse Tunnel under Little Woodhouse Street	City & Hunslet	0	0	Complete
732143	Leeds Bridge	Strengthening and re-painting of Leeds Bridge	City & Hunslet	1,385,000	580,000	C/fwd
732293	Regent Street Flyover	Bridge reconstruction - major scheme. Complete design, contract documentation and tender process. See paragraph 3.14.	City & Hunslet	100,000	0	New
732520	New York Road Viaduct	Re-waterproofing of bridge deck and installation of deck joints. Complete design and contract documentation for inclusion with Regent Street Flyover major scheme.	City & Hunslet	0	0	C/fwd
	LIRR Retaining wall Repairs	Repairs to reinforced concrete retaining wall. Complete design and contract documentation for inclusion with Regent Street Flyover major scheme.	City & Hunslet	0	150,000	New
	LIRR Safety Features	Upgrade of LIRR safety features. Installation of Vehicle Restraint System on LIRR on slip road to Clay Pit Lane Bridge	City & Hunslet	75,000	1,200,000	New
	West Chevin Bridge	Replacement of failed deck joints.	Otley & Yeadon	25,000		C/fwd
	Chevin Bottom Bridge	Replacement of failed deck joints.	Otley & Yeadon	25,000		C/fwd
	Simmon Bottoms Bridge	Replacement of failed deck joints.	Morley North	35,000		C/fwd
	Wellington Street Viaduct	Replacement of failed deck joints and repairs to drainage system.	City & Hunslet	60,000	300,000	New
	Newlay Footbridge	Clean and re-paint all cast iron; re-waterproof deck slab and re-set historic stone setts on footway.	Horsforth & Stanningley	425,000	10,000	New
	Dewsbury Road No2 Railway Bridge	Feasibility for parapet raising scheme	City & Hunslet	6,000	250,000	New
	Wattlesyke Culvert	Reconstruction of failed section of culvert	Harewood	25,000	75,000	New
Total estimated spend within 2018/19 on schemes brought forward from 2017/18 and schemes introduced for 2018/19						£3,745,700
Asset Management 2018/19						

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 (£)
			2018/19
712234	<p>Asset Management</p> <p>Development and on-going implementation of Leeds City Council Highway Infrastructure Asset Management Plan.</p> <p>Review and implementation of the 2016 Code of Practice: Well-Managed Highway Infrastructure including Recommendations, Value Management and Whole Life Costing.</p> <p>Review and development of scheme and programme prioritisation.</p> <p>Risk assessment of Principal Inspection programme</p> <p>Management of low bridge register</p> <p>Development and management of the Bridge Management System (AMX).</p> <p>Project close-out/data transfer for completed bridge maintenance and strengthening schemes</p> <p>Development of long-term strategy for Leeds Inner Ring Road.</p> <p>Retaining Wall data collection</p>	Various	225,000
713454	<p><u>Asset Valuation</u></p> <p>This is a mandatory Government requirement in 2013/14 in accordance with the 'Whole of Government Accounting' procedures.</p>	Various	5,000
Whole Programme Sub Totals			230,000
Total Highways Infrastructure Maintenance (Structures) Programme - Asset Management 2018/19			£230,000

Appendix C1

Highways Infrastructure Maintenance (Structures) Programme 2018/2019

Programme Area

Assessments, Inspections and Monitoring 2018/19

Scheme No.	Description	Ward	Estimated Costs (£)
			2018/19
	Structural Assessments and Structural Reviews of District bridges	Various	430,000
	Principal Inspections (includes confined spaces and underwater inspections)	Various	458,000
	<p>Special Inspections</p> <p>Post Tensioned structures</p> <p>Half Joints</p>	Various	60,000

Cast Iron structures		
Steel and carbon fibre reinforced structures		
Ecological Surveys		
	Sub total	948,000
Various		
Monitoring of Sub-Standard structures.	Various	30,000
High Capacity Routes - Special Safety Inspections (prev. incl. in special inspections)		30,000
	Sub total	60,000
	Whole Programme Sub Totals	1,008,000
Total Highways Infrastructure Maintenance (Structures) Programme - Assessments, Inspections and Monitoring 2018/19		£1,056,000
Total Highways Infrastructure Maintenance (Structures) Programme 2018/19		£5,031,700

Highways Infrastructure Maintenance (Structures) Programme 2019/2021 (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 2019/20 & 2020/21. Should reserve schemes be needed for the year 2018/19 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
2019/20 (Provisional)			
Minor Works 2018/19	Minor repair schemes at various locations around Leeds.	Various	
Oatland Lane Bridge	Structural Maintenance Scheme	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
2020/21 (Provisional)			
Minor Works 2019/20	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	
Hansbygate Subway	Construction of relieving slab	A6120 / Footway	
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 2018/2019 (For Information Only)

Programme Area
Local Roads Pre-patching for 2019/20 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 2018/19 with the work carried out in 2018/19, to ensure the preventative works programme can be carried out without delay in 2019/20.

£252,026
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
Ascot Gardens	Chepstow Drive To Outside House 9	Ardsley & Robin Hood	S
Ashley Road	Harehills Lane To Stanley Road	Gipton & Harehills	S
Badminton Drive	Towcester Avenue To Start Of Blocks	Ardsley & Robin Hood	S
Badminton View	Badminton Drive To End Of Blocks	Ardsley & Robin Hood	S
Batter Lane	Harrogate Road To Larkfield Road	Guiseley & Rawdon	S
Boldmere Road	Freemantle Place To Boundary House 22	Temple Newsam	S
Borrowdale Crescent	Raynville Crescent To Start Of Blocks	Armley	S
Bramham Park Court	Badminton Drive To End Of Blocks	Ardsley & Robin Hood	S
Canada Road	Harrogate Road To Larkfield Road	Guiseley & Rawdon	S
Chepstow Drive	Towchester Avenue To Start Of Blocks	Ardsley & Robin Hood	S
Chestnut Grove	Yew Tree Drive To Start Of Blocks (Ent Hses 7/5)	Rothwell	S
Cowper Street	Chapelton Road To Spencer Place	Chapel Allerton	S
Dewsbury Road (A653)	Tunstall Road To Hunslet Hall Road	City & Hunslet	S
Duxbury Rise	Livinia Grove To T Junction (O/S 8)	Hyde Park & Woodhouse	S
Eastland Walk	Houghley Lane To End	Armley	S
Elder Rise	Juniper Avenue To Start Of Blocks	Rothwell	S
Fairfield Lane	Hopefield Drive To End	Ardsley & Robin Hood	S
Freemantle Place	Kyffin Avenue To Boldmere Road	Temple Newsam	S
Glencoe Croft	Glencoe Gardens To End (Including All Parking Bays)	Garforth & Swillington	S
Glencoe Gardens	Station Road To End (Including All Parking Bays)	Garforth & Swillington	S
Hamilton Gardens	Louis Street To End	Chapel Allerton	S
Hawkins Drive	Leicester Place To End (Inc Parking Bays)	Hyde Park & Woodhouse	S
Hawthorne Avenue	Ainsty Road To Aire Road	Wetherby	S
Holt Park Lane	Holt Park Road To End	Adel & Wharfedale	S
Holt Park Rise	Holt Park Road To End	Adel & Wharfedale	S

Highways Infrastructure Maintenance (Roads) Revenue Programme 2018/2019 (For Information Only)

Street	Extents	Ward	Work Type
Holt Park Vale	Holt Park Road To End	Adel & Wharfedale	S
Holt Rise	Holt Road To End	Adel & Wharfedale	S
Holt Road	Holt Park Service Road To Holt Lane	Adel & Wharfedale	S
Holt Way	Holt Road To End	Adel & Wharfedale	S
Hopefield Chase	Hopefield Drive To Start Of Blocks (All Tarmac)	Ardsley & Robin Hood	S
Hopefield Close	Hopefield Drive To Paved Areas	Ardsley & Robin Hood	S
Hopefield Court	Hopefield Drive To End	Ardsley & Robin Hood	S
Hopefield Crescent	Adj Hse 8 Hopefield Drive To Hopefield Drive	Ardsley & Robin Hood	S
Hopefield Drive	Leadwell Lane To End	Ardsley & Robin Hood	S
Hopefield Gardens	Hopefield Drive To Start Of Blocks (All Tarmac)	Ardsley & Robin Hood	S
Hopefield Green	Hopefield Drive To Start Of Blocks (All Tarmac)	Ardsley & Robin Hood	S
Hopefield Place	Hopefield Crescent To Start Of Blocks	Ardsley & Robin Hood	S
Hopefield Way	Hopefield Drive To Start Of Blocks (All Tarmac)	Ardsley & Robin Hood	S
Jenkinsons Place	The Clearings To Start Of Paving	Middleton Park	S
Juniper Avenue	Aberford Road To Start Of Blocks	Rothwell	S
Kenworthy Close	Holt Road To End	Adel & Wharfedale	S
Kenworthy Gardens	Holt Road To End	Adel & Wharfedale	S
Kenworthy Garth	Kenworthy Gardens To End	Adel & Wharfedale	S
Kenworthy Gate	Holt Road To End	Adel & Wharfedale	S
Kenworthy Rise	Holt Road To End	Adel & Wharfedale	S
Kenworthy Vale	Holt Road To End	Adel & Wharfedale	S
Kings Approach	Eastland Walk To End (All Tarmac Inc Spur To Gates)	Armley	S
Larkfield Road	Canada Road To Town Street	Guiseley & Rawdon	S
Livinia Grove	Hawkins Drive To Junction Nr House 5	Hyde Park & Woodhouse	S
Louis Street	Chapeltown Road To Spencer Place	Chapel Allerton	S
Mcbride Way	School Road To Side Of House No 9	Wetherby	S
Newlands	Parkside Road To Start Of Block Paving	Calverley & Farsley	S
Old Run View	Jenkinson Place To T Junction House 16	Middleton Park	S
Pavilion Gardens	Newlands To Start Of Blocks	Calverley & Farsley	S
Regent Street	Woodland Lane To Harrogate Road	Chapel Allerton	S
Richardson Road	Osmondthorpe Lane To Richardson Crescent (Rest Private)	Burmantofts & Richmond Hill	S
School Road	York Road To End	Wetherby	S
South Hill Grove	South Hill Way To End	Middleton Park	S
South Hill Way	Ring Road Middleton To End	Middleton Park	S
Templegate Drive	Temple Grove To New Templegate	Temple Newsam	S

The Clearings	Winrose Drive To Opposite House 47	Middleton Park	S	
The Moorlands	Mcbrides Way To End	Wetherby	S	
The Moorlands	The Moorlands To North Street *F/Way Only*	Wetherby	S	
The Spinney	Street Lane To End	Moortown	S	
Towcester Avenue	Middleton Lane To 60m North Of Badmington Drive	Ardsley & Robin Hood	S	
Tyas Grove	Ings Road To Oakham Way	Burmantofts & Richmond Hill	S	
Well Lane	Hawthorn Road To Regent Street	Chapel Allerton	S	
Wensleydale Avenue	Wensleydale Drive To Start Of Blocks	Armley	S	
Wensleydale Crescent	Raynville Crescent To Start Of Blocks	Armley	S	
Wensleydale Drive	Cockshott Lane To Start Of Blocks	Armley	S	
Wensleydale Mews	Wensleydale Crescent To Start Of Blocks	Armley	S	
Wensleydale Rise	Wensleydale Drive To Roundabout	Armley	S	
Yew Tree Drive	Juniper Avenue To End Of Blocks	Rothwell	S	
Total Highways Infrastructure Maintenance (Roads) Revenue Programme - Preventative Footway Maintenance				£145,632
			Road Markings	£163,620
Total Highways Infrastructure Maintenance (Roads) Revenue Programme 2018/2019				£561,278
Reactive and Routine Maintenance				£4,150,000
Reactive and routine repairs, general repairs to pedestrian guard rails, safety fencing, minor drainage repairs, patching for future years surface dressing programmes and other miscellaneous items, undertaken by the DLO.				
Total Leeds Revenue Highway Maintenance				£4,711,278

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.

Directorate: City Development	Service area: Highways & Transportation
Lead person: Andrew Bellamy	Contact number: 87317

1. Title: Highways Infrastructure Maintenance (Roads) Programme 2018/19 to 2020/21		
Is this a:		
<input type="checkbox"/> Strategy / Policy	<input checked="" type="checkbox"/> Service / Function	<input type="checkbox"/> Other
If other, please specify		

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

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 <ul style="list-style-type: none"> 1. Eliminating unlawful discrimination, victimisation and harassment 2. Advancing equality of opportunity 3. Fostering good relations 		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**.

<p>4. Considering the impact on equality, diversity, cohesion and integration</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"> • How have you considered equality, diversity, cohesion and integration? (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) <p>An Impact Assessment on Highway Service Maintenance activities was carried completed in April 2008. This focussed on the Highways Maintenance Policy, Statement and 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"> • 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) <ol style="list-style-type: none"> 1. There are issues with some communities having the perception that other areas receive a better service more road maintenance; they fail to believe that allocation is based on need. 2. Highway maintenance work is an opportunity to provide improved mobility features. 3. Consultation with Councillors and Area Management Teams is proactive with other stakeholders soundings are taken through focus groups and scheme specific correspondence. <ul style="list-style-type: none"> • Actions (think about how you will promote positive impact and remove/ reduce negative impact) <ol style="list-style-type: none"> 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 Policy Statement and 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:	
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Date to complete your impact assessment	
---	--

Lead person for your impact assessment (Include name and job title)	
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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
Andrew Molyneux	Highways Asset Manager	

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	
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Date sent to Equality Team	
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Date published	
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(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.

Directorate: City Development	Service area: Highways & Transportation
Lead person: Andrew Bellamy	Contact number: 87317

1. Title: Highways Infrastructure Maintenance (Roads) Revenue Programme 2018/19		
Is this a:		
<input type="checkbox"/> Strategy / Policy	<input checked="" type="checkbox"/> Service / Function	<input type="checkbox"/> Other
If other, please specify		

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

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 <ul style="list-style-type: none"> 1. Eliminating unlawful discrimination, victimisation and harassment 2. Advancing equality of opportunity 3. Fostering good relations 		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
<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"> • How have you considered equality, diversity, cohesion and integration? (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) <p><u>Budget Allocation & Prioritisation Process</u></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"> • 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. • Reports made by members of the public <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 Highways Maintenance Policy, Statement and Plan, the procedures for carrying out inspections</p>

of 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 Highways Maintenance Policy, Statement and 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 believe 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 Policy, Statement and 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

Name	Job title	Date
Andrew Molyneux	Highways Asset Manager	

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 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.

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

1. Title: Highways Infrastructure Maintenance (Structures) Programme 2018/19 to 2020/21

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 2019/10. 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"> 4. Eliminating unlawful discrimination, victimisation and harassment 5. Advancing equality of opportunity 6. Fostering good relations 		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
---	-----

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

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