

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

**Date: 14 March 2017**

**Subject: Planned Highway Asset Maintenance Programmes 2017-18**

**Capital Scheme Numbers: 99508, 99509, 32189, and 32665**

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 The Best Council Plan sets a priority to deliver quality highways assets, to maintain the percentage of roads in need of structural repair and reduce the percentage of highways structures in need of essential repair.
- 2 Highways Assets in Leeds 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 planned highways asset maintenance and strengthening (highways and highway structures) for the 2017/18 financial year to meet the best council priority.
- 4 The funding available for the planned maintenance and strengthening of highways assets is a combination of Local Transport Plan (LTP) Capital Grant £8,459,229 (made up of Formula Base Grant (£7,735,000) and Incentive Funding (for a B3 Authority - £724,229)) Leeds City Council Capital (£14,630,000) and Leeds City Council Revenue (£1,036,712).
- 5 The purpose of this report is to seek authority to incur expenditure to the limit of the available budgets and to add the schemes shown in the appendices to this report to the Highways Assets Capital Programme for 2017/18. In order to provide a full picture of planned maintenance, this report also presents the proposed planned Highway Maintenance revenue programme for information.

**Recommendations**

- 6 The Chief Officer (Highways and Transportation) is recommended to;
  - i) give authority to incur expenditure of £8,459,229 (£5,835,646 works costs and £1,375,657 internal staff and partner design fee costs plus £1,247,926

- inspection, assessment and asset management fees) funded from the 2017/18 Local Transport Plan Capital Grant Allocation;
- ii) give authority to incur expenditure of £11,500,000 for planned highways asset maintenance and strengthening (Highways) funded from Leeds City Council Capital Resources (£10,267,856 works costs and £1,232,144 staff fees);
  - iii) give authority to incur expenditure of £3,130,000 for planned highways asset maintenance and strengthening (Structures) funded from Leeds City Council Capital Resources (£2,710,000 works costs and £420,000 staff fee costs);
  - iv) approve the addition of the schemes listed in appendices B and C to this report into the Highways Assets Capital Programme for 2017/18;
  - v) note the addition of schemes listed in appendix D to this report into the Highways Assets Planned Revenue Programme for 2017/18; and
  - vi) The Chief Officer shall be responsible for implementation of the attached programmes of work within the 2017/18 financial year.
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## **1 Purpose of this report**

- 1.1 This report presents the highways assets management and works programme for 2017/18 and seeks authority to incur expenditure, add schemes into the capital programme, and note the Highway Maintenance Planned Revenue Programme.

## **2 Background information**

### **Council Priority**

- 2.1 The Best Council Plan sets a priority to deliver quality highways assets, to maintain the percentage of roads in need of structural repair and reduce the percentage of highways structures in need of essential repair.

### **Asset Management**

- 2.2 The Highways and Structures Services have 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 are beginning to do the same for structures. Such models are helping to provide a whole life cost approach to the planned maintenance of assets.
- 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 Further work on 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 2017/18 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. It is also clear that future funding from central government for highway maintenance will be 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 The planned highway maintenance programme for the city's roads, is based on a condition led prioritisation. This approach demonstrates that the Council is directing its limited funding for highway maintenance to those in greatest need, thereby optimising the overall benefits of its investment and maximising the opportunity to secure continued grant funding from central government.
- 2.7 There are three key performance indicators for the condition of the road network. These show a continuing steady state condition on the A's, B & C roads (around 3% of the roads requiring structural maintenance) with a slight worsening on the local and unclassified distributor roads (18% of roads requiring structural maintenance, up from 17% last year). The asset management approach is targeting maintenance interventions to make best use of the funds available to minimise any impacts on these indicators.
- 2.8 Implementation of the recommendations within this report will carry out works on 142.5 km (5%) of the road network, resulting in an improvement of 118 km (4%) of the road network. Calculations of the predicted deterioration indicate that 118 km (4%) of roads will deteriorate over the coming year. This gives a net improvement of 0 Km (0%) in the length of road which is in good condition. It should be noted that the length of roads in the red category (those requiring structural maintenance) is predicted to increase, this is due to a number of factors including the ongoing deterioration of the road network and shortfall in funding requirements. This increase is reflected in the increase in works backlog figures which is predicted to increase by £9.6m. This increase is due to a number of factors including, projected rate/price increase (based on previous figures), the additional costs related to additional /changes in treatments for the streets which are predicted to deteriorate, and the additional length of network which is adopted every year, whilst all these figures will fluctuate year on year we have taken the figures obtained from 2016/17 with predicted cost increases for 2017/18 financial year to work out the predicted backlog figures included in this report. The results based on the actual condition of the network will be highlighted in the performance monitoring figures to be published at the end of the 2017/18 financial year.
- 2.9 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.

2.10 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 being received and customer satisfaction surveys.

- Defect reports (down)
- Liability Claims (down)
- Public Perception from NHT

2.11 The 2016 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 – 42% (39%) (a little under national average of 39% (40%))
- Condition of pavements – 61% (61%) (above national average of 55% (55%))

2015's results are shown in brackets, these show a 3% increase in satisfaction with road condition, and no change for footway condition satisfaction.

### **Highway Structures**

2.12 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. These measures are needed to allow delivery of essential repairs on structures; for example Leeds Bridge (strengthening of the bridge to allow continued use by buses) and Pool Bank Culvert (replacement of failed culvert on A65).

2.13 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 Rodley Lane culvert, Henshaw culvert, Crematorium culvert, West Garforth Railway, Easterly Road culvert and East Street culvert. They are currently being inspected regularly to closely monitor their condition. Only Crematorium culvert has been injected into the current years programme for repair by taking into account their location, priority ranking score and other higher placed network priorities; however the remaining structures have not been selected for programmed maintenance in 2017/18. Should their condition deteriorate more rapidly than anticipated and require an intervention, they would be injected into the programme displacing other work.

2.14 The Best Council Plan KPI for bridges gives the priority to reduce the percentage of structures in need of essential repair. The indicator has a rising trend since 2009 and is currently at 23.94% 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 certainty of long term funding

## **Funding**

- 2.15 Funding for maintenance of the authority's strategic highways assets is made available from the following sources.
- Local Transport Plan (LTP) Capital Grant
  - Leeds City Council Capital Resources
  - Leeds City Council Revenue Resources

### **LTP Capital**

- 2.16 Spring 2015 saw the culmination of over five years development work by the Department for Transport to create a new set of funding models for highways maintenance across the country. This new approach has split routine maintenance funding between two sources
- Formula Based Grant
  - Incentive Fund Grant
- 2.17 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. The allocation for Leeds for the financial year 2017/18 amounts to £8,459,229. This funding is made up of £7,735,000 formula based grant and £724,229 Incentive funding for a Band 3 Authority.
- 2.18 This is the second 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 2017/18. An announcement of the funding that Leeds will receive is expected towards the end of March 2017. This report is based on the anticipation of being successful at being allocated the indicative funding for this element (£724,229), if this funding is not forthcoming the programme will be trimmed to suit the available funding.
- 2.19 The combination of grant and incentive funding will be allocated to Highways or Structures maintenance in line with the historical funding formula.

### **Leeds City Council Capital**

- 2.20 The approved Leeds Capital Programme for 2017/18 includes sums of £11,000,000 for planned highways asset maintenance and strengthening (Highways), and £3,130,000 planned highways asset maintenance and strengthening (Structures), both funded from Leeds City Council Capital Resources.
- 2.21 In October 2016 the strategic Investment Board approved a one-off additional injection of £500,000 to contribute to the costs of the repairs to Century Way, Thorpe Park. This site presents an extraordinary challenge; the road is suffering from failure of the foundation due to the use of a steel-slag derivative sub base which has resulted in heave causing ridges in the road surface. Thorpe Park is a prestigious trading estate being further developed and incorporated in to the Western end of the East Leeds Orbital Road. The road is only 15 years old and has been resurfaced just five years ago and is again in need of substantial repairs. The best whole life cost solution is to reconstruct the road removing the unsuitable sub

base. To fund this from the current level of capital funding would divert a large resource to one road. A one off injection of £500,000 was agreed to mitigate the impact of this one scheme on the overall programme of improvement work and prevent the need for repeated and costly interventions at short intervals throughout its life. An additional sum of £101,168 of revenue funding from external contributions makes up the total of £601,168 to cover the initial works estimate.

### **Leeds City Council Revenue**

- 2.22 The approved Leeds Revenue Budget for 2017/18 includes a sum of £4,712,278 for highway maintenance and £474,434 for structures. This highway allocation supports a significant element of reactive and routine maintenance to all of the districts highways but a small proportion is given over to planned maintenance as part of the strategy to maintain the overall condition of the highways assets. The planned element of this budget to be shown within this report for highways is £561,110. The structures revenue budget is used for essential functions (safety and general inspections), with the remaining spent on reactive safety related maintenance.

### **3 Main issues**

- 3.1 The paragraphs below together with Appendices B & C detail the entire programme of planned maintenance and strengthening for highways assets for the 2017/18 financial year. The programme is presented by funding heading.

#### **LTP Capital**

- 3.2 This allocation (£8,459,229) is sub divided into highways and structures in line with the previously applied national formula for maintenance allocations and the resulting allocation to highways is £5,727,303 (67.7%) with the remaining £2,731,926 (32.3%) being allocated to the maintenance and strengthening of highway structures. The proposed planned highway and structures maintenance and strengthening programme to be delivered from LTP Capital is shown in Appendix B.
- 3.3 This year an additional Incentive Element is to be awarded dependant on the self-assessment of each authority against asset management and efficiency criteria. Leeds has returned a self-assessment at band 3 which is the top Band for 2017/18 funding and an outcome of the funding award is awaited. Subject to the predicted award of £724,229 the proposals within this report will proceed as planned.

#### **LTP Capital (Highways) Scheme 99509**

- 3.4 A programme of highway works was approved for 2016/17. All of this work was not completed and the incomplete schemes with reasons for delay are shown in Appendix B1. These works will carry forward and be delivered in 2017/18. The estimated carry-over of works is £1,030,673 with carry-over of funding of £293,578 this is included in the totals shown in Appendix B2. The exact sum of carry over works will not be known until the completion of the 2016/17 financial year accounts towards the end of May 2017. The reason for the funding gap is the additional costs incurred on the schemes which have been delivered, due to either increases in material costs, additional works needing to be carried out which at the time of programme approval could not be reasonably foreseen, or that the works have been given to the the term contractor due to the inhouse delivery team being unable to

carry out the works due to other works commitments such as the City Connect project, thus attracting increased costs, plus the addition of schemes from the approved list of provisional schemes from 2017/18 into the 2016/17 works programme.

- 3.5 Appendix B2 details the programme to be delivered during the 2017/18 financial year at a cost of £5,727,303. This shows a combined programme of both structural and preventative works on the Principal, Classified and Unclassified Distributor network.
- 3.6 Appendix B3 shows a provisional programme of works for the 2018/19 and 2019/20 financial years for structural works on the Principal, Classified and Unclassified Distributor network of roads. In the event that schemes from the planned 2017/18 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 2017/18 financial year.

### **LTP Capital (Structures) Scheme 99508**

- 3.7 The Structures programme is focussed on removal of major structural risks on the network with a balance of supporting or holding elements from
- essential safety works
  - strengthening
  - substandard structures (Appendix A2 Table 4 & 5)
  - risk management
  - strategic network priorities
  - asset management
- 3.8 A programme of Structural works was approved for 2016/17. The scope of some schemes has increased from the original programme leading to them needing to bridge financial years for funding. The estimated carry-over funding, with associated works, is £0. The exact sum of carry over works will not be known until the completion of the 2016/17 financial year accounts towards the end of May 2017.
- 3.9 Appendix B4, details the capital schemes funded from the LTP budget for Structures of £2,731,926.
- 3.10 The structures capital programme has a significant asset management element comprising: 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. A sum of £239,926 is included in the 2017/18 structures capital programme to cover the asset management and asset valuation work, with a further £1,008,000 for principal and special inspections and structural assessments.
- 3.11 The structures capital programme 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 Bridges section to ensure that public safety is maintained. Details of on-going risk management of these are given in Appendix A2. A sum of £60,000 is included in the 2017/18 structures capital programme, to cover these risk management activities.

- 3.12 The structures capital programme includes assessment and protection works for structures, on the Rivers Aire, Wharfe and Calder, that are affected by scour. Details of the ongoing scour assessments and protection works are given in Appendix A2. A sum of £370,000 is included within the 2017/18 structures capital programme to cover these scour related activities.
- 3.13 Following the flooding during the Christmas period, substantial scour damage was sustained to Linton Bridge. The bridge has been closed since Boxing Day and continues to be closed to both pedestrians and traffic. Work has been completed stabilising the structure and repair works to the existing bridge are underway.
- 3.14 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 Bridges section's prioritisation system to ensure consistency. The programme will be monitored and revised as necessary throughout 2017/18 as actual costs are realised to ensure that the allocated budget is expended but not exceeded.

#### **Leeds City Council Capital (Highways) Scheme's 32189 and 32665**

- 3.15 A programme of highway works was approved for 2016/17. All of this work was not completed and the incomplete schemes with reasons for delay are shown in Appendix C1. These works will carry forward to be delivered in 2017/18. The estimated carry-over of works is £1,188,880 with carry-over funding of £468,944 this is included in the totals shown in Appendix C2. The exact sum of carry over works will not be known until the completion of the 2016/17 financial year accounts towards the end of May 2017. The reason for the funding gap is the additional costs incurred on the schemes which have been delivered, due to either increases in material costs, additional works needing to be carried out which at the time of programme approval could not be reasonably foreseen, or that the works have been given to the the term contractor due to the inhouse delivery team being unable to carry out the works due to other works commitments such as the City Connect project, thus attracting increased costs, plus the addition of schemes from the approved list of provisional schemes from 2017/18 into the 2016/17 works programme for the affected wards.
- 3.16 Appendix C2 details the programme to be delivered during the 2017/18 financial year at a cost of £11,500,000. This shows a combined programme of both structural and preventative works on the City's local road network, together with a programme of structural works within the City Centre, the identified works for Century Way, Thorpe Park, alongside annual condition surveys on the classified, and local road network to inform future programmes of work.
- 3.17 Appendix C3 shows a provisional programme of works for the 2018/19 and 2019/20 financial years for structural works on the City's unclassified distributor and local road network. In the event that schemes from the planned 2017/18 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 2017/18 financial year.

### **Leeds City Council Capital (Structures) Scheme 99508**

- 3.18 The Leeds Capital Programme 2017/18 includes a sum of £3,130,000 for planned highways asset maintenance and strengthening (Structures), to be funded from Leeds City Council Capital Resources.
- 3.19 The proposed planned highway structures programme to be delivered from Leeds Capital is shown in Appendix B5.

### **Leeds City Council Revenue**

- 3.20 The approved Leeds revenue budget for 2017/18 includes a sum of £4,712,277.81 for maintenance of highways. Of this approximately 88% (£4,150,000) will fund reactive and routine repairs, general repairs to pedestrian guard rails, safety fencing, drainage, and other miscellaneous items. The remainder (£562,277.81) will fund planned maintenance works as detailed in Appendix D
- 3.21 The approved Leeds revenue budget for 2017/18 also includes a sum of £474,434 for bridges. This sum includes £355,434 for staff to perform statutory functions and £119,000 for reactive safety related maintenance.
- 3.22 The implementation of works undertaken from the revenue budget is already approved through the formal budget setting process and as such is presented here for information only.

## **4 Corporate Considerations**

### **4.1 Consultation and Engagement**

- 4.1.1 All 99 Ward Members have been invited to comment on the streets included in the Local Roads Highway Maintenance programme. Each Ward Member received a list of streets included within these programmes with Highway's recommendations for their Ward. Feedback was received from Members in 9 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 All 32 Town and Parish Councils have been invited to comment on the streets included in the Local Roads Highway Maintenance programme.
- 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 Revenue works are not generally subject to consultation but do address a number of concerns raised by Members over the previous year.
- 4.1.5 The full programme, including the Local Transport Plan (LTP), Capital, and Revenue funded schemes, will be assembled and sorted against Electoral Wards and a schedule of the relevant Ward programme will be sent to each Ward Member.

A similar exercise will be done for the area committees with these lists being included in the news letters sent to the area committees. Ward members will also be included in the pre-start letter drop (for all planned maintenance works) to affected residents which takes place approximately 2 weeks prior to work commencing on site.

4.1.6 Ward members will be informed of the scheme scope and consulted as a part of any bridges capital scheme, with wider consultation being undertaken as required.

## **4.2 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 - Local Transport Plan Funded Highway Maintenance
- Appendix F – Leeds Capital Funded Highway Maintenance
- Appendix G - Revenue Funded Highway Maintenance

4.2.2 Key findings from both EIAs 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 proposed capital programme for Structures has been carried out (Appendix H). 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** sets a priority to deliver quality highways assets, to maintain the percentage of roads in need of structural repair and reduce the percentage of highways structures in need of essential repair.
- 4.3.2 **The Local Transport Plan.** Priorities are established and work is undertaken in accordance with the West Yorkshire Transport Asset Management Plan.
- 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**

#### **LTP Capital (Highways)**

- 4.4.1 The LTP Planned Highways Maintenance Programme will be delivered at a cost of £5,727,303 (being £4,853,646 Works costs and £873,657 internal staff fee costs) funded from the Local Transport Plan Highways Maintenance Capital Programme 2017/18 (Transport Supplementary Grant). The proposed work will be undertaken by a combination of in-house contractor and specialist contractors.

#### **LTP Capital (Structures)**

- 4.4.2 The LTP Planned Structures Maintenance and Strengthening Programme will be delivered at a cost of £2,731,926 (with no carry forward funding) – (being £982,000 Works costs and £502,000 internal staff and partner design fee costs plus £1,247,926 inspection, assessment and asset management fees) funded from the Local Transport Plan Highways Maintenance Capital Programme 2017/18 (Transport Supplementary Grant).
- 4.4.3 The LTP Planned Structures Maintenance and Strengthening Programme will be delivered largely by the Council's Bridges section with support, as required, from its engineering partner, Mouchel. Construction work will be procured through existing term contracts or via a competitive tendering process to ensure that value for money is achieved.

#### **Leeds Capital (Highways)**

- 4.4.4 The Leeds Capital Planned Highways Asset Maintenance and Strengthening Programme (Highways) will be delivered at a cost of £11,500,000 (being

£10,267,856 works costs and £1,232,144 internal staff fee costs), funded from Leeds City Council Capital Resources. There are no revenue cost implications as a result of these Capital works. The majority of this work will be carried out by the in-house contractor with support from specialist sub-contractors, and our Local Authority partners from the Combined Authority.

### Leeds Capital (Structures)

4.4.5 The Leeds Capital Planned Highways Asset Maintenance and Strengthening Programme (Structures) will be delivered at a cost of £3,130,000 (being £2,710,000 works costs and £420,000 internal staff fee costs), funded from Leeds City Council Capital Resources. There are no revenue cost implications as a result of these Capital works.

4.4.6 The Leeds Capital Planned Highways Asset Maintenance and Strengthening Programme (Structures) will be delivered largely by the Council's Bridges section with support, as required, from its engineering partner, Mouchel. Work will be procured through existing term contracts or via a competitive tendering process to ensure that value for money is achieved.

### Leeds Revenue

4.4.7 The proposed revenue work will be undertaken by a combination of in-house contractor and specialist contractors. Where necessary the procurement of such is currently underway. The majority of this work is preventative maintenance which is used to prevent the further deterioration of the streets and defer the need for larger capital sums for more expensive repairs.

### Capital Funding and Cash Flow

Funding Approval :	Capital Section Reference Number :-						
Previous total Authority to Spend on this scheme	TOTAL £000's	TO MARCH 2015 £000's	FORECAST				
			2015/16 £000's	2016/17 £000's	2017/18 £000's	2018/19 £000's	2019 on £000's
LAND (1)	0.0						
CONSTRUCTION (3)	0.0						
FURN & EQPT (5)	0.0						
DESIGN FEES (6)	0.0						
OTHER COSTS (7)	0.0						
TOTALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Authority to Spend required for this Approval	TOTAL £000's	TO MARCH 2015 £000's	FORECAST				
LAND (1)	0.0						
CONSTRUCTION (3)	18813.5				18813.5		
FURN & EQPT (5)	0.0						
DESIGN FEES (6)	4275.7				4275.7		
OTHER COSTS (7)	0.0						
TOTALS	23089.2	0.0	0.0	0.0	23089.2	0.0	0.0
Total overall Funding (As per latest Capital Programme)	TOTAL £000's	TO MARCH 2015 £000's	FORECAST				
LCC Supported Borrowing	14630.0				14630.0		
LTP / TSG Grant	8459.2				8459.2		
Total Funding	23089.2	0.0	0.0	0.0	23089.2	0.0	0.0
<b>Balance / Shortfall =</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

Scheme Numbers : 99508, 99509, 32189 & 32665

Title : Planned Highway Asset Maintenance Programmes 2017/18

## **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 highway schemes listed in the following 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 not undertaken, the highway network will deteriorate further and public liability claims against the council will rise.
- 4.6.2 The Structures schemes listed in the following 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 maintenance and strengthening programme 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.
- 4.6.3 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.
- 4.6.4 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 £8,459,229 (£5,835,646 works costs and £1,375,657 internal staff and partner design fee costs plus £1,247,926 inspection, assessment and asset management fees) funded from the 2017/18 Local Transport Plan Capital Grant Allocation;
- ii) give authority to incur expenditure of £11,500,000 for planned highways asset maintenance and strengthening (Highways) funded from Leeds City Council Capital Resources (£10,267,856 works costs and £1,232,144 staff fees);
- iii) give authority to incur expenditure of £3,130,000 for planned highways asset maintenance and strengthening (Structures) funded from Leeds City Council Capital Resources (£2,710,000 works costs and £420,000 staff fee costs);
- iv) approve the addition of the schemes listed in appendices B and C to this report into the Highways Assets Capital Programme for 2017/18;
- v) note the addition of schemes listed in appendix D to this report into the Highways Assets Planned Revenue Programme for 2017/18; and
- vi) The Chief Officer shall be responsible for implementation of the attached programmes of work within the 2017/18 financial year.

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

7.1 None.

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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

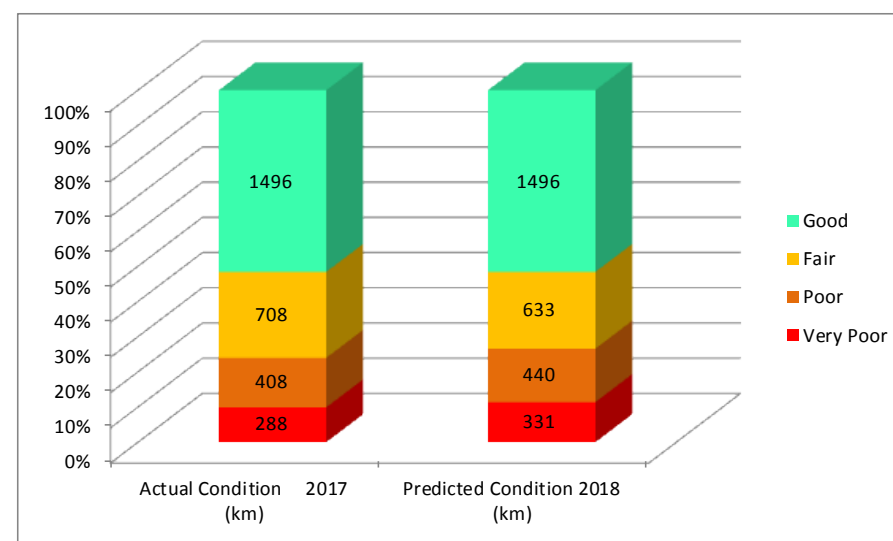
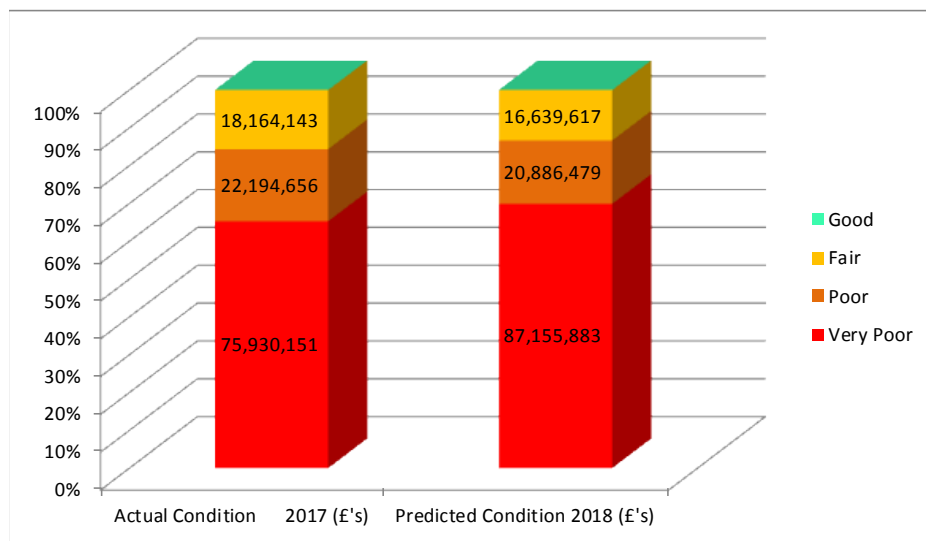
## Current road network condition (2017) and predicted road network condition (2018) after proposed work undertaken

Spend required to maintain current condition (£-millions)	<b>£21,362,690</b>
Actual budget works allocation (£-millions)	<b>£16,751,947</b>
Increase / shortfall in budget allocation (£-millions)	<b>-£4,610,743</b>

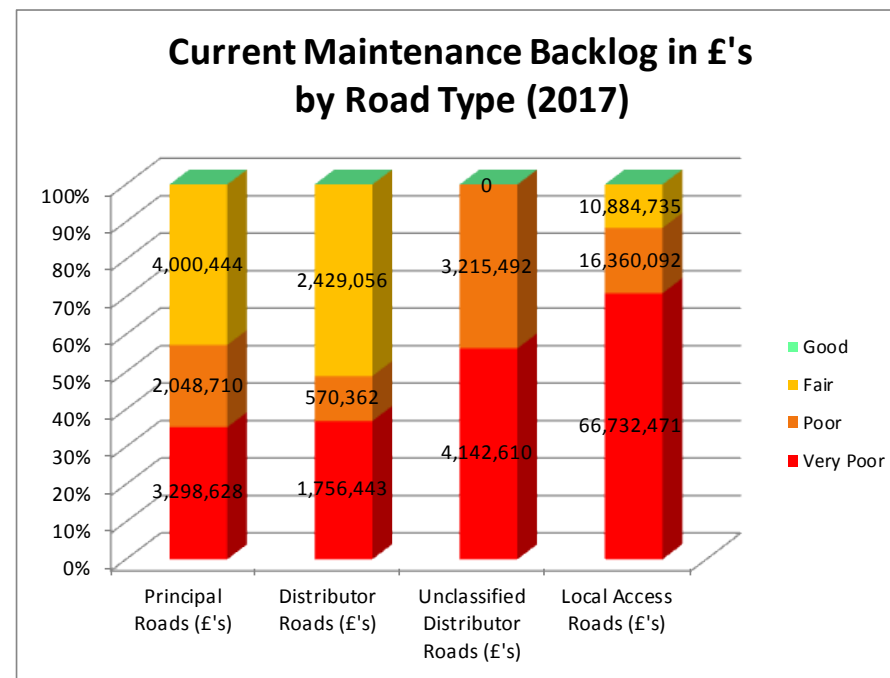
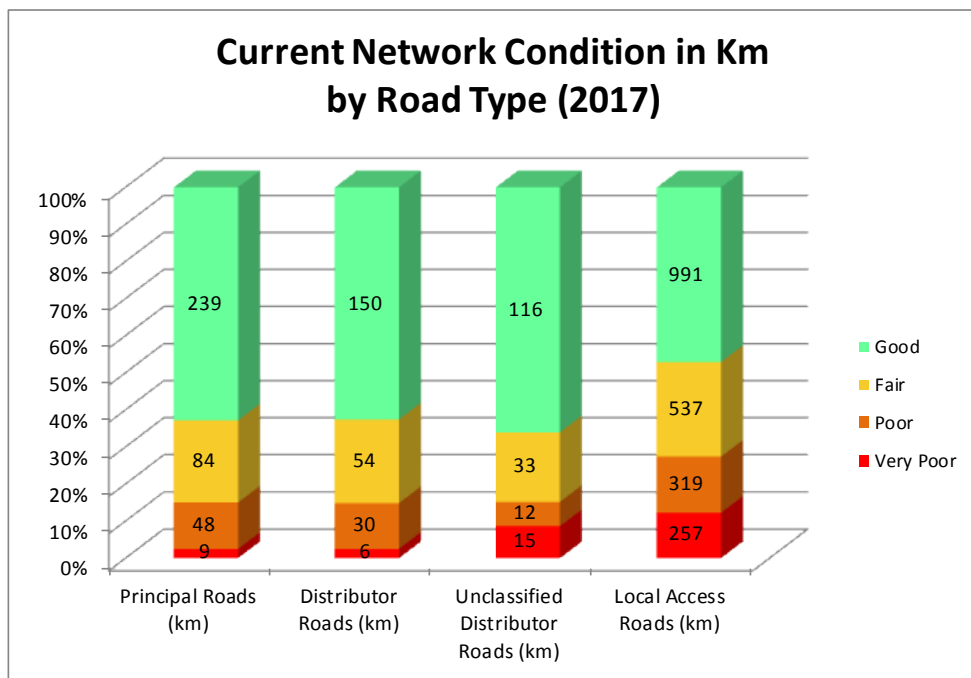
Predicted deterioration (km)	<b>118</b>	<b>4%</b>
Predicted improvement after works (km)	<b>118</b>	<b>4%</b>
Net Improvement / worsening (km)	<b>0</b>	<b>0%</b>

Asset Group	Actual Condition 2017 (£'s)	Predicted Condition 2018 (£'s)	Improvement / Deterioration (£'s)
Good	0	0	0
Fair	18,164,143	16,639,617	-1,524,526
Poor	22,194,656	20,886,479	-1,308,177
Very Poor	75,930,151	87,155,883	11,225,731
<b>Total</b>	<b>116,288,951</b>	<b>124,681,979</b>	<b>8,393,028</b>

Asset Group	Actual Condition 2017 (km)	Predicted Condition 2018 (km)	Improvement / Deterioration (km)
Good	1496	1496	0
Fair	708	633	-75
Poor	408	440	32
Very Poor	288	331	43
<b>Total</b>	<b>2,900</b>	<b>2,900</b>	<b>0</b>



Current road network condition



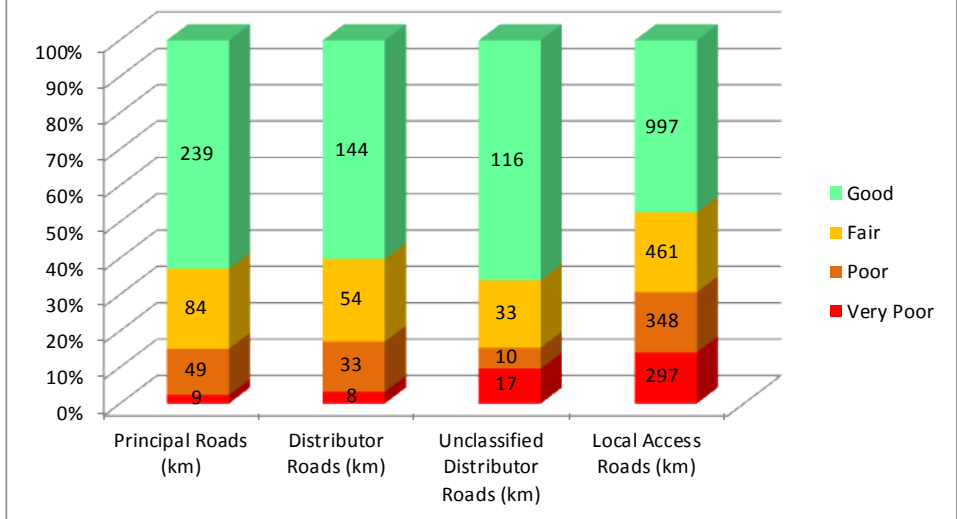
Asset Group	Principal Roads (km)	Distributor Roads (km)	Unclassified Distributor Roads (km)	Local Access Roads (km)	Total (km)
Good	239	150	116	991	1,496
Fair	84	54	33	537	708
Poor	48	30	12	319	408
Very Poor	9	6	15	257	288
<b>Total</b>	<b>381</b>	<b>239</b>	<b>175</b>	<b>2,104</b>	<b>2,900</b>

Asset Group	Principal Roads (£'s)	Distributor Roads (£'s)	Unclassified Distributor Roads (£'s)	Local Access Roads (£'s)	Total (£'s)
Good	0	0	0	0	0
Fair	4,000,444	2,429,056	0	10,884,735	17,314,235
Poor	2,048,710	570,362	3,215,492	16,360,092	22,194,656
Very Poor	3,298,628	1,756,443	4,142,610	66,732,471	75,930,151
<b>Total</b>	<b>9,347,782</b>	<b>4,755,860</b>	<b>7,358,102</b>	<b>93,977,299</b>	<b>115,439,043</b>

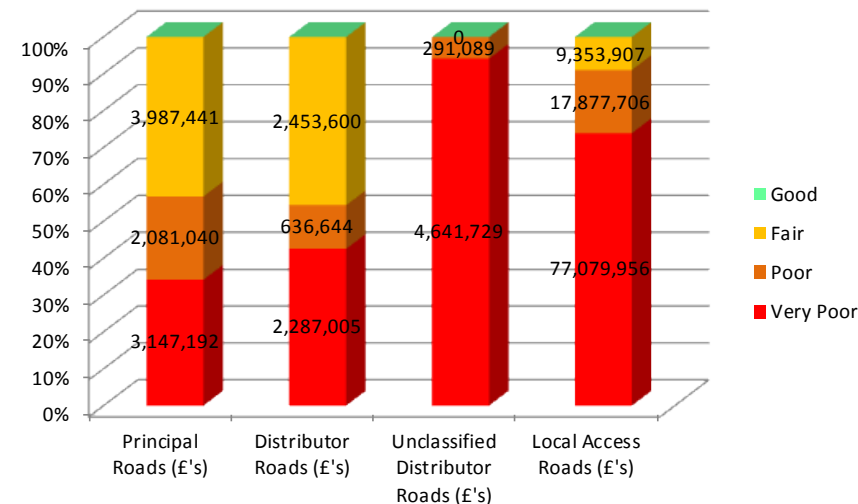


Predicted road network condition (2018) after proposed works undertaken

**Predicted Network Condition in KM  
By Road Type (2018)**



**Predicted Network Condition in £'s  
By Road Type (2018)**

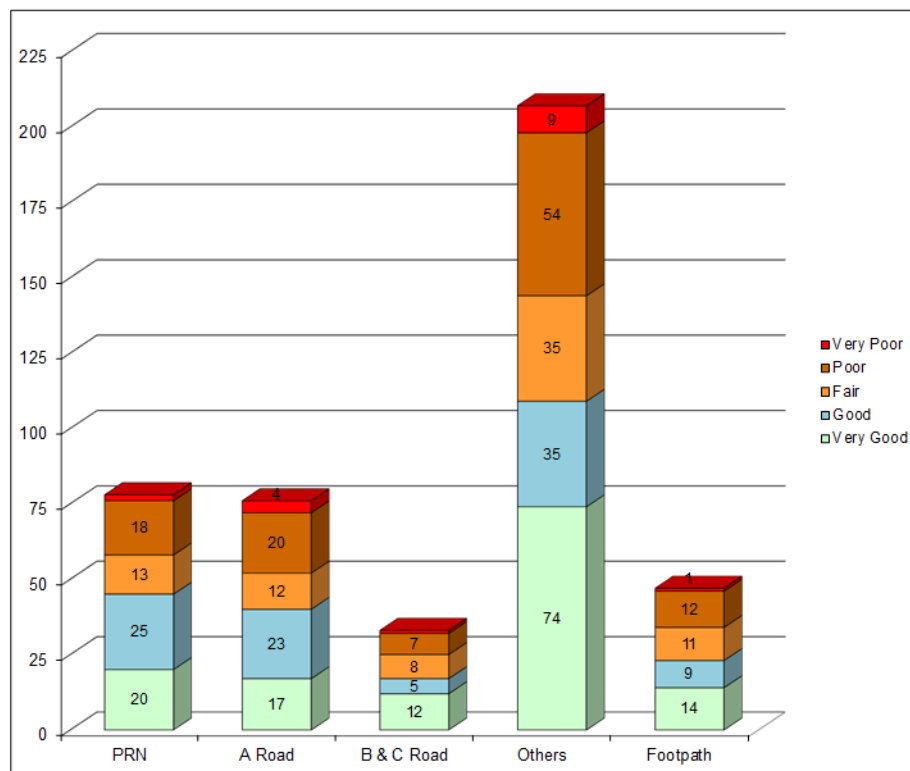


Asset Group	Principal Roads (km)	Distributor Roads (km)	Unclassified Distributor Roads (km)	Local Access Roads (km)	Total (km)
Good	239	144	116	997	1,496
Fair	84	54	33	461	633
Poor	49	33	10	348	440
Very Poor	9	8	17	297	331
<b>Total</b>	<b>381</b>	<b>239</b>	<b>175</b>	<b>2,104</b>	<b>2,900</b>

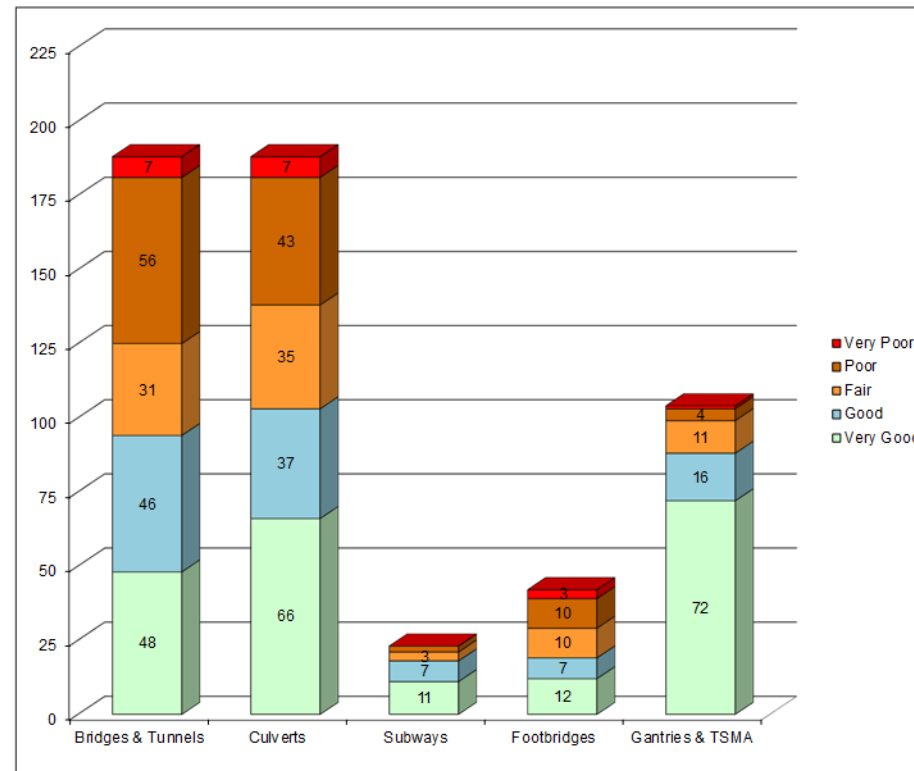
Asset Group	Principal Roads (£'s)	Distributor Roads (£'s)	Unclassified Distributor Roads (£'s)	Local Access Roads (£'s)	Total (£'s)
Good	0	0	0	0	0
Fair	3,987,441	2,453,600	0	9,353,907	15,794,949
Poor	2,081,040	636,644	291,089	17,877,706	20,886,479
Very Poor	3,147,192	2,287,005	4,641,729	77,079,956	87,155,883
<b>Total</b>	<b>9,215,673</b>	<b>5,377,249</b>	<b>4,932,819</b>	<b>104,311,570</b>	<b>123,837,311</b>

### Current Structures Condition

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



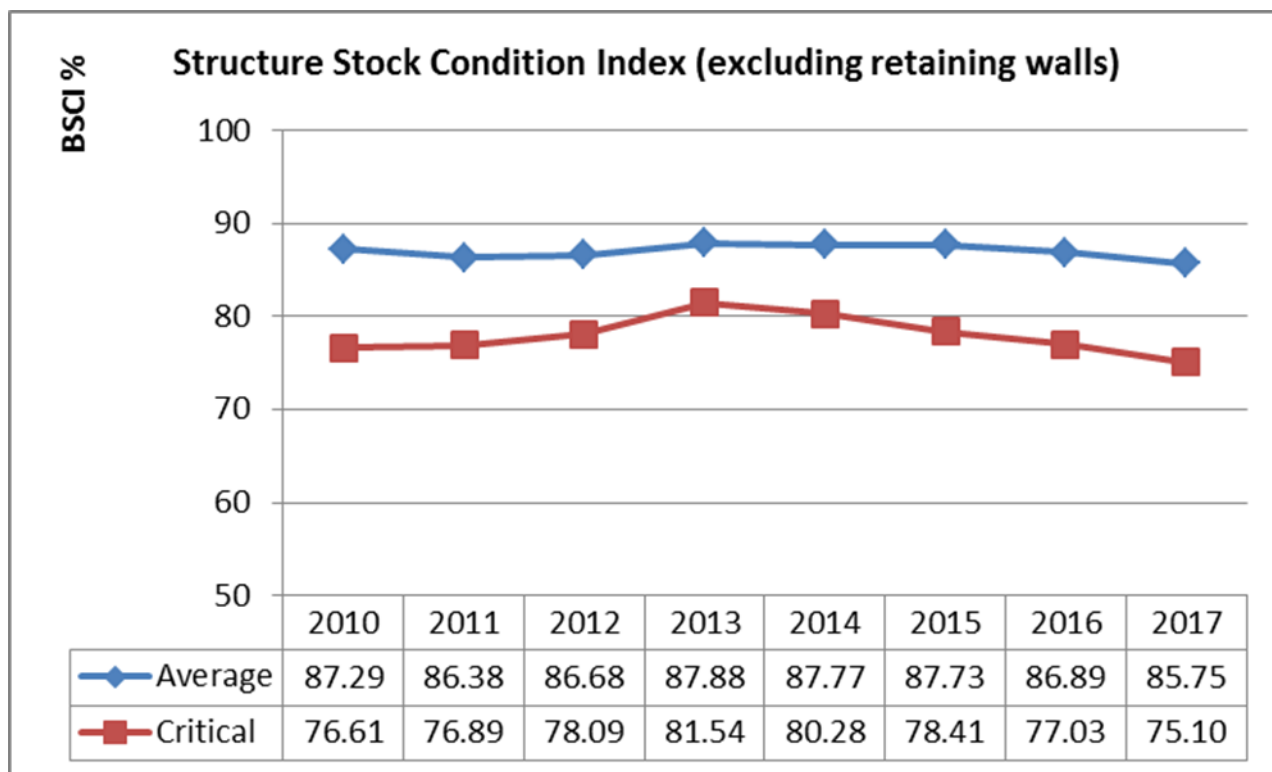
BCI<sub>crit</sub> by Structure



Road Type	PRN	A Road	B & C Road	Others	Footpath	Total
Very Good	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)**



<b>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:</b>	
Average Stock Condition (80-90)	Structure stock is in a good condition. Some structures may be in a severe condition.
Critical Stock Condition (65-80)	A number of critical load bearing elements may be in a severe condition. Some structures may represent a significant risk to public safety unless mitigation measures are in place.
Additional Comments	Historical maintenance work under funded and structures not managed in accordance with Asset Management. It is essential to implement Asset Management practices to ensure work is adequately funded and prioritised and risks assessed and managed. Moderate to large backlog of maintenance work, essential work dominates spending.

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

**Stock Condition Trend**

The stock condition, both critical and average, over the last five years have peaked and started a steady decline, with the critical score now falling 6% 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 £55.9m and increasing at a rate of approximately 8% per year.

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

** Estimated	As of 1 <sup>st</sup> Mar 2013	As of 21 <sup>st</sup> Jan 2014	As of 21 <sup>st</sup> Jan 2015	As of 22 <sup>nd</sup> December 2015	As of 01 <sup>st</sup> February 2017	
Best Council Plan KPI - percentage of highways structures in need of essential repair.	20.9%**	22.3%**	23.5%**	24.3%**	23.94%	
Number of LCC substandard or provisionally substandard structures monitored in accordance with BD79 (Tables 4 and 5)	53 LCC	42 LCC	36 LCC 13 Other	38 LCC 12 Other	45 LCC 14 Other	
Number of LCC structures with Piers substandard or potentially substandard for impact loading (Table 6)	n/a	n/a	20	20	19	
Number of weight restrictions implemented on LCC-owned structures (Table 8)	12: 4 permanent; 8 environmental	12: 4 permanent; 8 environmental	13: 5 permanent; 8 environmental	16: 7 permanent; 8 environmental; 1 temporary	16: 7 permanent; 8 environmental; 1 temporary	
Number of weight restrictions implemented on non LCC-owned structures (Table 8)	10: 2 permanent; 6 environmental; 2 temporary	10: 2 permanent; 6 environmental; 2 temporary	11: 3 permanent; 7 environmental; 1 temporary	10: 3 permanent; 7 environmental;	10: 3 permanent; 7 environmental;	
Number of structures with physical interim measures in place (e.g. protection of substandard footways, parapets or other substandard elements) (Table 9)	18 LCC 11 NR	18 LCC 11 NR	22 LCC 14 Other	24 LCC 13 Other	25 LCC 14 Other	
Number of structures which have special safety inspections on high capacity routes (Table 3)	4	4	4	4	8	
Scour affected main river LCC structures  * scour protection works are dependent on level 2 assessment result	Inspected for scour yearly	20	20	20	20	
	Assessed for scour, lvl 2	n/a	0 completed; 1 ongoing; 2 outstanding	3 completed; 6 ongoing; 0 outstanding	1 completed; 2 ongoing; 6 outstanding	6 completed; 3 ongoing; 0 outstanding
	Scour protection installed (no. outstanding)*	2 completed (0 outstanding)	2 completed (0 outstanding)	3 completed (2 outstanding)	3 completed (0 outstanding)	3 completed (2 outstanding)

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

Number	Name	Road Carried / Crossed	Frequency of monitoring
L213	Calverley Street	UNCL/A58(M)	3 months
L221	North Street Junction	UNCL/A64(M)	6 months
L225	Oatland Lane	UNCL/A58	6 months
L228	New York Road Viaduct Eastbound	A64(M)/UNCL	6 months
L2237	Ivy Street Footbridge	Fway/UNCL	6 months
L212	Woodhouse Tunnel	UNCL/A58(M)	6 months
L229	Swinnow Road	UNCL/A647	6 months
L295	Mill Green Bridge	A58/A643	6 months

**Table 4: List of substandard or provisionally substandard structures monitored in accordance with BD79**

Number	Name	Road Carried/Crossed	Monitoring Frequency	Owner	Comments
L0002	Kirkstall	B6157/River Aire	6 monthly	Leeds City Council	
L0003	Bridge Road	B6157/Rvr Aire	Yearly	Leeds City Council	
L0012	Victoria Bridge	Uncl/Rvr Aire	With PI (6yrs)	Leeds City Council	Monitoring of leaning parapet walls and NE pilaster.
L0013	Leeds Bridge	Uncl/Rvr Aire	6 monthly	Leeds City Council	
L0032	Front Street	C13/Carr Beck	6 monthly	Leeds City Council	
L0034	Linton	Uncl/Rvr Wharfe	Continuous	Leeds City Council	Remote monitoring system.
L0037	Thorp Arch Bridge	Uncl/Rvr Wharfe	Monthly	Leeds City Council	Monitoring for High Scour Risk
L0058	Hope Road	Uncl/Lady Beck	6 monthly	Leeds City Council	Monitoring of bulging spandrel wall
L0066	Parkin Lane	Uncl/Canal	6 monthly	Leeds City Council	Monitoring bridge deck surfacing defects
L0070	Berry Lane	Uncl/F'way	6 monthly	Leeds City Council	Monitoring of abutments
L0077	West Garforth Railway No 4	A63/F'way	6 monthly	Leeds City Council	Monitoring of cracks to seating beam.
L0090	Otley Bridge	Uncl/Rvr Wharfe	6 monthly	Leeds City Council	Monitor for defects/deterioration of footbridge cantilever
L0112	Dunhill Rise	Uncl/Wyke Beck	Yearly	Leeds City Council	
L0114	Cartmell Drive	Uncl/Wyke Beck	Yearly	Leeds City Council	
L0119	Calverley River Bridge	A6120/Rvr Aire	Yearly	Leeds City Council	
L0120	Calverley Railway Bridge	A6120/Rvr Aire	Yearly	Leeds City Council	
L0131	Blackburn Court	Uncl/Carlton Beck	Yearly	Leeds City Council	

Table 4: Continued

Number	Name	Road Carried/Crossed	Monitoring Frequency	Owner	Comments
L0132	Gillet Bridge	Uncl/Oulton Beck	Yearly	Leeds City Council	
L0146	Methley Bridge	A639/Rvr Calder	6 monthly	Leeds City Council	
L0177	Brigshaw Lane	Uncl/Beck	Yearly	Leeds City Council	
L0179	Bagley Lane	C507/Beck	Yearly	Leeds City Council	
L0181	Laverack	C140/Cock Beck	Monthly	Leeds City Council	
L0198	Waddington Railway Bridge	A61/R'way	6 monthly	Leeds City Council	
L0220	Lovell Park Road	Uncl/A64(M)	Yearly	Leeds City Council	Monitoring abutment cracks
L0221	North Street Junction	Uncl/A64(M)	Yearly	Leeds City Council	
L1050	None-Go-Byes	Uncl/Beck	6 Monthly	Leeds City Council	Monitoring cracks in soffit and carriageway for defects
L0225	Oatland Lane	Uncl/A58	6 Monthly	Leeds City Council	Monitoring abutment cracks
L0235	York Road Underpass	A64/Uncl	Yearly	Leeds City Council	
L0243	New Wellington River Bridge	A58(M)/Rvr Aire	Yearly	Leeds City Council	
L0244	Wellington Canal Bridge	A58(M)/Canal	Yearly	Leeds City Council	
L0299	Sutton Approach	F'way/R'way	6 Monthly	Leeds City Council	Departmental ownership in doubt
L0340	Oxford Road Bridge	Uncl/R'way	Yearly	Leeds City Council	Monitor for defects/deterioration
L1039	Ellar Ghyll North	A6038/Beck	Yearly	Leeds City Council	Monitor movement of spandrel wall
L2013	Hansbygate Subway	A6120/Fway	6 Monthly	Leeds City Council	
L2124	Gipton Beck Cantilever	F'way/Beck	Yearly	Leeds City Council	
L2154	Water Lane Cantilever	F'way/Hol Beck	Yearly	Leeds City Council	
L2237	Ivy Street Footbridge	F'way/Uncl	2 monthly	Leeds City Council	Monitoring extensive cracks in concrete main beam due to Alkali Silica Reaction.
L2310	Shaftsbury Footbridge	F'way/A64	3 monthly	Leeds City Council	
L2336	Wellington Rd North FB	F'way/A58	3 monthly	Leeds City Council	Monitoring condition of temporary span (bridge strike)
L3197	Doncasters Whitehall Rd Burr Wall	B/Land	Yearly	Leeds City Council	Monitoring of cracking to wall and parapet
L3205	Bowling Green	A647/Land	3 monthly	Leeds City Council	
L3266	Leeds Bradford Rd Burr Wall	B6157/Land	Yearly	Leeds City Council	Monitoring movement of wall
L3344	Old Unicorn RW Bramley	Land/A657	2 monthly	Leeds City Council	
L9850	The Meadows RW	Otley Park	Monthly	Leeds City Council	Monitoring footpath defects for RW movement
L10703	Water Lane Beck Wall	Uncl/Hol Beck	Yearly	Leeds City Council	Monitoring of bulging section of wall

**Table 5: Private Structures**

Number	Name	Road Carried/Crossed	Monitoring Frequency	Owner	Comments
L4106	Balm Road	Uncl/R'way	6 monthly	Network Rail	
L4107	Pepper Road	Uncl/R'way	6 monthly	Network Rail	
L4202	Wesley Place	Uncl/R'way	6 monthly	Network Rail	
L4208	Park Parade	Uncl/R'way	6 monthly	Network Rail	
L4317	Armley Link Road	Uncl/R'way	6 monthly	Network Rail	
L4409	Whingate	Uncl/R'way	6 monthly	Network Rail	
L4412	Tong Road	Uncl/R'way	6 monthly	Network Rail	
L4504	Canal Road	Uncl/R'way	6 monthly	Network Rail	
L4510	Dewsbury Road	A653/R'way	6 monthly	Network Rail	
L4705	Town Street - Millshaw	Uncl/R'way	6 monthly	Network Rail	
L4801	Gelderd Road No.4	A62/R'way	6 monthly	Network Rail	
L4922	Spofforth Hill	A661/R.R'way	6 monthly	HA Historic Railway Estate	
L5266	Northern Street Service Tunnel	Uncl/Tunnel	6 monthly	Disputed Ownership	
L6522	Doncasters Subway	Uncl/Tunnel	6 monthly	Disputed Ownership	

**Table 6: List of structures with piers substandard or potentially substandard for impact loading**

Number	Name	Road Crossed	Owner	Comments
L2230	Spring Valley Crescent FB	A647 Stanningley By-Pass	Leeds City Council	Strengthening or mitigation required
L2232	Hough End FB	A647 Stanningley By-Pass	Leeds City Council	Strengthening or mitigation required
L0122	Richardshaw Lane	A647 Stanningley By-Pass	Leeds City Council	Assessment required
L2296	Whitehall Road FB	A58 Ingram Rd Distributor	Leeds City Council	Strengthening or mitigation required
L0212	Woodhouse Tunnel	A58(M) IRR	Leeds City Council	Strengthening on site currently
L2336	Wellington Rd Nth FB	A58 Wellington Road	Leeds City Council	Strengthening or mitigation required
L2241	Westgate FB	A58(M) IRR	Leeds City Council	Strengthening on site currently
L2263	Alpha Street FB - C	A653 Dewsbury Rd	Leeds City Council	Strengthening or mitigation required
L2395	Station Road FB	A660 Otley By-Pass	Leeds City Council	Risk assessment required
L2212	Clarendon Road Footbridge	A58(M) LIRR	Leeds City Council	Risk assessment required, Assessment required
L2396	Silver Mill Hill FB	A660 Otley By-Pass	Leeds City Council	Risk assessment required
L2334	Armley Road FB	A647 Canal Street	Leeds City Council	Strengthening or mitigation required

Table 6 cont.

Number	Name	Road Crossed	Owner	Comments
L0219	Claypit Lane	A58(M) IRR	Leeds City Council	Risk assessment required, Assessment required
L0302	New York Rd WB	A653 Marsh Lane	Leeds City Council	Risk assessment required, Assessment required
L0242	Wellington St Viaduct	A65 Wellington Street	Leeds City Council	Strengthening or mitigation required
L2333	Gloucester Terrace FB	A647 Canal Street	Leeds City Council	Strengthening or mitigation required
L2237	Ivy Street FB	A643 Ingram Rd Distributor	Leeds City Council	Strengthening or mitigation required
L2246	Quarry Hill FB	A64(M) New York Rd	Leeds City Council	Risk assessment required
L2338	Spence Lane FB	A643 Ingram Rd Distributor	Leeds City Council	Strengthening or mitigation required
L2215	Park Lane FB	A58 Westgate	Leeds City Council	Risk assessment required

Table 7: Details of current weight and width restrictions on structures

Number/owner	Name	Road Carried / Crossed	Details
<b>Leeds City Council</b>			
L00013	Leeds Bridge	Uncl	7.5t permanent weight restriction. 7.5t assessed capacity.
L00034	Linton Bridge	Uncl	Temporary closure due to scour/flooding.
L00037	Thorp Arch Bridge	Uncl	7.5t environmental weight limit.
L00066	Parkin Lane	Uncl	18t permanent weight restriction. 18t designed capacity.
L00069	Brigshaw Lane Railway No. 12	Uncl	3t environmental weight limit. 40t strengthened capacity.
L00070	Berry Lane Bridge	Uncl	18t permanent weight limit.
L00107	Whackhouse Lane	Uncl	Permanent width restriction (6'6").
L00137	Croft Bridge	A642	7.5t environmental weight limit.
L00139	Swillington River Bridge	A642	7.5t environmental weight limit.
L00162	Wood Lane bridge	Uncl	7.5t environmental weight limit.
L00177	Brigshaw Lane	Uncl	3t environmental limit. Weak verge.
L00186	South Parkway Approach		7.5t environmental weight limit. 40t strengthened capacity.
L00212	Woodhouse Tunnel	Private Road/A58(M)	3.5t temporary weight restriction on Little Woodhouse Street (private).
L00213	Calverley Street	UNCL/A58(M)	7.5t permanent weight restriction.
L01088 (LCC Parks & Countryside)	Springfield Lane Culvert	Uncl	3t permanent weight restriction.
L02029	Top Moor Side subway	Uncl	7.5t environmental weight limit.



Table 7 cont.

Number/owner	Name	Road Carried / Crossed	Details
<b>Private Structures</b>			
HA Historic Railways Estate	Scholes Bridge	Uncl	18t environmental weight limit. 40t assessed capacity.
HA Historic Railways Estate	Spofforth Hill Bridge	A661	7.5t environmental weight limit. 3t assessed capacity.
Network Rail	Fall Lane Bridge	Uncl	3t permanent weight restriction.
Network Rail	Pepper Road Bridge	Uncl	7.5t environmental weight limit. Provisional assessment 7.5t carriageway, 0t footway. MASS barriers installed in 2006 to protect weak footway.
Network Rail	New Princess Street	Uncl	7.5t environmental weight limit.
Network Rail	Pontefract Lane No. 2 bridge	Uncl	7.5t environmental weight limit.
Network Rail	Ardsley Common bridge	Uncl	7.5t environmental weight limit.
Highways Agency	Lingwell Gate Lane bridge	B6135/M62	7.5t environmental weight limit.
Private	Skelton Grange Road bridge	Uncl	3t permanent weight restriction.
Private	Gott's bridge	Uncl	3t permanent weight restriction.

Table 8: List of structures with Physical Interim Measures in place

Number/owner	Name	Road Carried / Crossed	Details
<b>Leeds City Council</b>			
L00002	Kirkstall	B6157	Weak Footway protected by guardrail
L00004	Canal Road	Uncl	Weak Parapet protected by bollards
L00013	Leeds	Uncl	Weak Footway protected by bollards
L00034	Linton	Uncl	Weak bridge closed by TVCB and fencing
L00058	Hope Road	Uncl	Weak Footway protected by bollards
L00066	Parkin Lane	Uncl	Weak Parapet protected by bollards
L00112	Dunhill Rise	Uncl	Weak Footway protected by bollards
L00114	Cartmell Drive	Uncl	Weak Footway protected by bollards
L00118	Calverley Canal	A6120	Weak Footway protected by safety fence
L00119	Calverley River	A6120	Weak Footway protected by safety fence
L00121	Newlay (now a footbridge)	F'way	Weak Carriageway protected by bollards
L00131	Blackburn Court	Uncl	Weak Footway protected by bollard
L00132	Gillett	Uncl	Weak Footway protected by bollards
L00146	Methley	A639	Weak Footway and edge beam protected by safety fence
L00177	Brigshaw Lane	Uncl	Weak Verge protected by bollards
L00179	Bagley Lane	C507	Weak Footways protect by tref kerbs and bollards

Table 8 cont.

Number/owner	Name	Road Carried / Crossed	Details
L00198	Waddington's Railway	A61	Weak Footway protected by safety fence
L00213	Calverley Street	Uncl/A58(M)	Weak Parapet protected by safety fence
L00215	New Woodhouse Lane Nr 2	Parking/A58(M)	Weak Parapet protected by TVCB
L00221	North Street Junction	Uncl/A64(M)	Weak Footway and beams protected by parapet
L00235	York Road Underpass	A64/Uncl	Weak Footway protected by safety fence
L00243	New Wellington River	A58(M)	Weak Footway protected by guardrail and bollards
L00244	Wellington Canal	A58(M)	Weak Footway protected by guardrail and bollards
L02124	Gipton Beck Cantilever	F'way	Weak Footway protected by bollards
L02154	Water Lane Cantilever	F'way	Weak Footway protected by bollards
<b>Private structures</b>			
Network Rail L4106	Balm Rd	Uncl	Weak Footway protected by MASS barriers installed 2006.
Network Rail L4107	Pepper Road	Uncl	Weak Footway protected by MASS barriers installed 2006.
Network Rail L4202	Wesley Place	Uncl	Weak Footway protected by Mass barrier.
Network Rail L4208	East Park Parade	Uncl	Weak Footway protected by MASS barriers installed 2007.
Network Rail L4317	Armley Road	Uncl	Weak Footway protected by Bollards
Network Rail L4409	Whingate	Uncl	Weak Footway protected by Vanguard barriers installed 2011.
Network Rail L4411	Carr Crofts	Uncl	Weak Footway protected by MASS barriers installed approx. 2007.
Network Rail L4412	Tong Road	B6154	Weak Footway protected by MASS barriers installed 2007.
Network Rail L4504	Canal Rd	Uncl	Weak Footway protected by MASS barriers installed 2008.
Network Rail L4510	Dewsbury Rd	A653	Weak Footway protected by MASS barriers installed 2009.
Network Rail L4705	Town Street	Uncl	Weak Footway protected by Trief kerbs
Network Rail L4801	Gelderd Road No.4	A62	Weak Footway and carriageway protected by MASS barriers installed October 2011 to reduce carriageway width to 7.3m.
Historic Railways Estate L4922	Spofforth Hill	A661	Temporary Steel Props to bridge deck
YE L5266	Northern Street Service Tunnel	Uncl	Weak Roof slab supported by Temporary Steel Props

**LTP Capital Highways Maintenance Programme Carried forward from 2016/17**

<b>Programme Area</b>				<b>Estimated Cost</b>
<b>Schemes Carried over from 2016/17</b>				
The schemes detailed below have carried over from the 2016/17 programme for a variety of reasons, and will be carried out within the 2017/18 years programme where applicable				
Street	Extents	Ward	Comments	
Stanningley Bypass	Full length surface dressing	Armley	Decision made to carry over due to continued disruption in the area	
Stanningley Bypass	Full length surface dressing	Calverley & Farsley		
The Headrow	Briggate To Albion Street	The Headrow	District Heating Project	
Town Street (Gildersome)	Highfield Drive To Street Lane	Morley North	Lack of design resource	
Water Lane	Victoria Road to Globe Road	City and Hunslet	Contribution to Engineering projects Scheme	
Middleton Road	Wide Lane To Wide Lane	Morley South	Statutory undertakers work	
Wide Lane	Middleton Road To Albert Road	Morley South	Statutory undertakers work	
<b>Total LTP Capital Highways Maintenance Programme Carried forward from 2016/17</b>				<b>£1,030,673</b>
<b>Total LTP Capital Highways Maintenance Funding Carried forward from 2016/17</b>				<b>£293,578</b>
<b>Total LTP Capital Highways Maintenance Funding Shortfall from 2016/17</b>				<b>£737,095</b>

## LTP Capital Highways Maintenance Programme 2017/2018

Programme Area				Estimated Cost
<b>Principal, Classified &amp; Unclassified Distributor Road Structural Maintenance</b>				
A Programme of structural maintenance to the more strategic classified and unclassified distributor road network to strengthen and resurface with associated kerb and footway works where required				
Street	Extents	Ward	Work Type	
<b>Principal Roads</b>				
Town Street	Town End Roundabout	Bramley and Stanningley	C	
Aberford Road	A642/M1 Roundabout	Garforth and Swillington	C	
Roundhay Road	Barrack Road to Roseville Road	Gipton and Harehills	KFC	
Roundhay Road	Roseville Road to Start D/Cway	Gipton and Harehills	FC	
Roundhay Road	Start D/Cway to Harehills Lane	Gipton and Harehills	FC	
Roundhay Road	Harehills Lane to End D/Cway	Gipton and Harehills	C	
Leeds Road	End D/Cway to Oxford Road	Guiseley and Rawdon	KFC	
Bruntcliffe Lane	A650 Bruntcliffe Road to Bruntcliffe Avenue	Morley South	KFC	
Rein Road	A653 Dewsbury Road to Start M/Way Bridge	Morley South	KFC	
Rein Road	Start M/Way Bridge to End M/Way Bridge	Morley South	FC	
Rein Road	End M/Way Bridge to A650 Britannia Road	Morley South	KFC	
<b>Classified Distributor Roads</b>				
Pontefract Road	Skelton Grange Road to Roundabout	City and Hunslet	KFC	
Main Street	A642 Wakefield Road to Church Lane	Garforth and Swillington	C	
Scotchman Lane	House No 169 to C/L M62 Bridge	Morley South	FC	
Lidget Hill	Church Lane to Cemetery Road	Pudsey	FC	
<b>Unclassified Distributor Roads</b>				
Stainbeck Lane	Scott Hall Road to Wensley Drive	Moortown	KFC	
Stainbeck Lane	School Lane to Harrogate Rd Inc Jct	Moortown	KFC	
Stainbeck Lane	Wensley Drive to School Lane	Moortown	KFC	
Swinnow Road	Bus Terminus to Hough Side Road	Pudsey	FC	
Swinnow Road	Swinnow Lane to Swinnow Gdns	Pudsey	FC	
Swinnow Road	Swinnow Gdns to Bus Terminus	Pudsey	KFC	
<b>Total Principal, Classified &amp; Unclassified Distributor Road Structural Maintenance</b>				<b>£3,092,300</b>

### LTP Capital Highways Maintenance Programme 2017/2018

#### Principal Classified & Unclassified Distributor Road Preventative Maintenance

A Programme of preventative maintenance to the more strategic classified and unclassified road network consisting of surface treatments to the carriageway to arrest deterioration

Street	Extents	Ward
<b>Principal Roads</b>		
Carr Road	Thornhill Street to St Stephens Road	Calverley and Farsley
Carr Road	St Stephens Road to Dist Boundary	Calverley and Farsley
Town Gate	Calverley Lane to Thornhill Street	Calverley and Farsley
Rodley Lane	Brookfield Avenue to Calverley Lane	Calverley and Farsley
Wetherby Road	A6120 Ring Road to Red Hall Lane	Cross Gates and Whinmoor
Aberford Road	Isabell Rd R/Bout to A642/M1 Roundabout	Garforth and Swillington
Hollins Hill	Dist Boundary to Park Road	Guiseley and Rawdon
Wetherby Road	Red Hall Lane to Coal Road	Harewood
Wetherby Road	Coal Road to Carr Lane	Harewood
Wetherby Road	Carr Lane to Ling Lane	Harewood
Ring Road Seacroft	A58 R/Bout to York Rd R/Bout	Killingbeck and Seacroft
Scott Hall Road	Stainbeck Road to King Lane	Moortown
Scott Hall Road	King Lane to Street Lane	Moortown
Scott Hall Road	Street Lane to Stonegate Road R/Bout	Moortown
Scott Hall Road	Stonegate Road R/Bout to Street Lane	Moortown
Scott Hall Road	Street Lane to King Lane	Moortown
Scott Hall Road	King Lane to Stainbeck Road	Moortown
Drighlington Bypass	Bradford Boundary to A58 R/Bout	Morley North
Drighlington Bypass	A58 R/Bout to Hodgson Lane	Morley North
Drighlington Bypass	Hodgson Lane to Field Head Lane	Morley North
Drighlington Bypass	Field Head Lane to Start D/Cway	Morley North
Drighlington Bypass	Start D/Cway to A62 Roundabout	Morley North
Drighlington Bypass	A62 Roundabout to Start D/Cway	Morley North
Gelderd Road	B6126 Branch End to Farnley Beck	Morley North
<b>Classified Distributor Roads</b>		
Kings Road	Arthington Road to A660	Adel and Wharfedale
Shadwell Lane	A6120 Ring Road to Birchwood Hill	Alwoodley
Shadwell Lane	Birchwood Hill to Wike Ridge Lane	Alwoodley
Coal Road	A6120 Ring Road to Whitelaithe Road	Cross Gates and Whinmoor
Coal Road	Whitelaithe Road to Red Hall Lane	Cross Gates and Whinmoor
Micklefield Lane	A658 Apperley Lane to A65 Leeds Road	Guiseley and Rawdon

### LTP Capital Highways Maintenance Programme 2017/2018

The Green	A65 Leeds Road to Well Lane	Guiseley and Rawdon
Town Gate	Well Lane to Oxford Street	Guiseley and Rawdon
Low Lane	A6120 Roundabout to St James Drive	Horsforth
Low Lane	St James Drive to Lister Hill	Horsforth
Troy Road	Lister Hill to Station Road	Horsforth
Fartown	Fulneck to Greentop	Pudsey
Greenside	Greentop to B6154 Chapeltown	Pudsey
Roker Lane	Littlemoor Road to Fulneck	Pudsey
Monk Bridge Road	Moor Road to Meanwood Road	Weetwood
Otley Old Road	A660 Otley Road to Spen Lane	Weetwood
<b>Unclassified Distributor Roads</b>		
Netherfield Road	L/C 10 to L/C 21 [Ent W/Wools]	Guiseley and Rawdon
Netherfield Road	L/C 21 to L/C 31 [O/S 58]	Guiseley and Rawdon
Netherfield Road	O/S Hse 58 to Nursery Road	Guiseley and Rawdon
Great North Road	A63 to 250m North.	Kippax and Methley
Great North Road	250m North A63 to 500m North.	Kippax and Methley
Great North Road	500m North A63 to 20m Prior Village Sign.	Kippax and Methley
Great North Road	20m Prior To Village Sign to Gate Pansy Cottage	Kippax and Methley
Great North Road	Gate To Pansy Cottage to Opp Bndry Hse 21/22.	Kippax and Methley
Great North Road	Opp Bndry Hse 21/22 to Garden Village.	Kippax and Methley
Burley Road	Cardigan Road to Wolseley Road	Kirkstall
Burley Road	Wolseley Road to Cardigan Lane	Kirkstall
Burley Road	Cardigan Lane to Argie Avenue	Kirkstall
Burley Road	Argie Avenue to Argie Road	Kirkstall
Burley Road	Argie Road to Woodside View	Kirkstall
Burley Road	Woodside View to Kirkstall Hill J/O St Anns Ln	Kirkstall
Street Lane	Stonegate Rd to Scott Hall Rd	Moortown
Street Lane	Scott Hall Rd to Wycliffe Gdns	Moortown
Street Lane	Wycliffe Gardens to Harrogate Rd	Moortown
Street Lane	Harrogate Road to Limetree Avenue	Moortown
Street Lane	Limetree Ave to Southfield Dr	Moortown
Street Lane	Southfield Dr to Chelwood Dr	Moortown
Lidgett Lane	Gledhow Lane to Lidgett Grove	Roundhay
Lidgett Lane	Denton Ave to North Park Ave	Roundhay
Lidgett Lane	North Pk Ave to Bracken Wood Dr	Roundhay
Street Lane	Chelwood Drive to Talbot Road	Roundhay

<b>LTP Capital Highways Maintenance Programme 2017/2018</b>		
Street Lane	Talbot Road to Westcombe Ave	Roundhay
Street Lane	Westcombe Ave to Roman Terrace	Roundhay
Weetwood Lane	Foxhill Ct to S/L37 Quarry Dene	Weetwood
Weetwood Lane	Quarry Dene to The Hollies	Weetwood
Weetwood Lane	The Hollies to SI 19 Ent Tennis Cts	Weetwood
<b>Total Principal, classified and Unclassified Distributor Road Preventative Maintenance</b>		<b>£1,327,867</b>
<b>Preventative maintenance pre patching</b>		
A supplementary programme of pre-patching works for the preventative works programme to the more strategic classified and unclassified road network for 2018/19. The locations will be identified during 2017/18 with the work carried out in 2017/18, to ensure the preventative works programme can be carried out without delay in 2018/19.		<b>£275,041</b>
<b>Minor Works</b>		
A supplementary programme of minor works permits a greater degree of flexibility in dealing with shorter lengths of defective carriageway that contribute to performance indicators. It allows small schemes between the values £5,000 and £30,000 to get promoted as they would otherwise not get done because of the relatively good condition of the surrounding section.		<b>£295,000</b>
		Sub total
<b>Total LTP Capital Highways Maintenance Programme Carried forward from 2015/16</b> (From Appendix B1)		<b>£4,990,208</b>
		Sub total
<b>Total LTP Capital Highways Maintenance Programme Carried forward from 2015/16</b> (From Appendix B1)		<b>£1,030,673</b>
		Sub total
<b>Total LTP Capital Highways Maintenance Funding Carried forward from 2015/16</b> (From Appendix B1)		<b>£6,020,881</b>
		<b>-£293,578</b>
<b>Total LTP Capital Highways Maintenance Programme 2016/2017</b>		<b>£5,727,303</b>

### LTP Capital Highways Maintenance Programme 2018/2020 (PROVISIONAL)

#### Programme Area

#### Principal Classified & Unclassified Distributor Road Structural Maintenance (Provisional)

A provisional Programme of structural maintenance to the more strategic classified and unclassified distributor road network to strengthen and resurface with associated kerb and footway works where required. These provisional schemes in for 2018/19 and 2019/20 will be brought forward into the 2016/17 year programme should planned schemes be delayed or savings accrue on delivery of the planned schemes.

Street	Extents	Ward	Work Type / Comment
<b>Principal Roads 2018/2019</b>			
York Road	Harehills Lane to A63 Selby Road	Burmantofts and Richmond Hill	C
Inner Ring Road	A58 Wellington Road - Slip - Park Lane	City and Hunslet	C
Inner Ring Road	Slip - Wellington St - A58 Wellington Rd	City and Hunslet	C
Easterly Road	Amberton Road to Harehills Lane	Gipton and Harehills	FC
Bradford Road	End Dual Carriageway to Bingley Road (Boundary)	Guiseley and Rawdon	C
New Road Side	A65/Green Lane R/Bout	Guiseley and Rawdon	KFC
Ring Road Crossgates	Crossgates Road Roundabout	Killingbeck and Seacroft	C
Station Road	Crossgates Rd R/Bout to End D/Cway	Killingbeck and Seacroft	C
Station Road	End D/Cway to Crossgates Rd R/Bout	Killingbeck and Seacroft	FC
York Road	A63 Selby Road to Killingbeck Drive	Killingbeck and Seacroft	C
Tingley Common	A6129 Rein Road to Start D/Cway	Morley South	C
Westgate	Market Place to Linton Road	Wetherby	KFC
<b>Principal Roads 2019/2020</b>			
Stanningley Road	Cockshot Lane to Stanningley By-Pass	Armley	C
Dewsbury Road	End Dual C/Way to Ring Road Beeston	Beeston and Holbeck	KFC
Rodley Lane	Leeds & Bradford Road to Coal Hill Lane	Bramley and Stanningley	KFC
Town Street	Coal Hill Lane to Bagley Lane	Bramley and Stanningley	C
Barrack Road	Start D/Cway to Sheepscar Street Sth	City and Hunslet	C
Dewsbury Road	Opp Middleton Gr to Garnet Rd	City and Hunslet	F
Dewsbury Road	Garnet Road to Tunstall Road	City and Hunslet	KFC
Leeds Road to Pontefract Road Link	Royal Mail Roundbout	City and Hunslet	C
Leeds Road to Pontefract Road Link	Royal Mail R/Bout to New Roundabout	City and Hunslet	C
Leeds Road to Pontefract Road Link	Savannah Way Rdbt to B6481 Rdbt	City and Hunslet	C
Leeds Road to Pontefract Road Link	B6481 R/Bout to Savannah Way Rdbt	City and Hunslet	C
Leeds Road to Pontefract Road Link	Savannah Way Rdbt to Royal Mail Rdbt	City and Hunslet	C
Sheepscar Street South	A58 Interchange to Start D/Cway	City and Hunslet	C
St Peters Street	Eastgate R/Bout to York Street	City and Hunslet	C
St Peters Street	York Street to Eastgate R/Bout	City and Hunslet	FC
Whitehall Road	Branch Road to A6110 Ring Road	Farnley and Wortley	KFC
Green Lane	A65 Roundabout to Harrogate Road	Guiseley and Rawdon	FC
Clay Pit Lane	Meanwood Road to B/Nose Slip A58m	Hyde Park and Woodhouse	C



**LTP Capital Highways Maintenance Programme 2018/2020 (PROVISIONAL)**

Dewsbury Road	A6029 Rein Rd to Lowry Rd	Morley South	C
Tingley Common	End M/Way Bridge to Tingley R/Bout	Morley South	KFC
<b>Classified Distributor Roads 2018/2019</b>			
King Lane	A6120 to Bus Turn Round	Alwoodley	C
King Lane	Bus Turnround	Alwoodley	C
Stanhope Road	Fall Lane to Station Lane	Ardsley and Robin Hood	C
Pontefract Road	Wakefield Road to Skelton Grange Road	City and Hunslet	KFC
Stonegate Road	King Lane to Scott Hall Road	Moortown	C
Littlemoor Road	Roker Lane to Valley Road	Pudsey	KFC
Roker Lane	Tong Road to East Side Court	Pudsey	KFC
Roker Lane	East Side Court to Littlemoor Road	Pudsey	KFC
Selby Road	End D/Cway to Chapel Street	Temple Newsam	KFC
<b>Classified Distributor Roads 2019/2020</b>			
Wellington Road	Copley Hill to Armley Gyrator	Armley	C
Harehills Lane	Compton Road to Lupton Avenue	Burmantofts and Richmond Hill	FC
Harehills Lane	Lupton Avenue to A64 York Road	Burmantofts and Richmond Hill	C
Harrogate Road	A65 Leeds Road to Canada Road	Guiseley and Rawdon	C
Waterloo Road	Owlcotes Road to Marsh	Pudsey	KFC
Wighill Lane	Rudgate to Thorpe Arch New Roundabout	Wetherby	C
Wighill Lane	Thorpe Arch New Roundabout	Wetherby	C
Wighill Lane	Thorpe Arch New Roundabout to Leeds Boundary	Wetherby	C
<b>Unclassified Distributor Roads 2018/2019</b>			
Woodhall Road	S/L 9 to S/L 17	Calverley and Farsley	KFC
Woodhall Road	S/L 17 to S/L 23	Calverley and Farsley	FC
Woodhall Road	S/L 23 to Woodhall Court	Calverley and Farsley	KFC
Sackville Street	Meanwood Rd to Sheepscar St Sth	Chapel Allerton	C
Merrion Street	New Briggate to Vicar Lane	City and Hunslet	C
Morris Lane	Kirkstall Lane to Norman Street	Kirkstall	KFC
Morris Lane	Norman Street to Bk De Lacy Mount	Kirkstall	KFC
Morris Lane	Bk De Lacy Mount to The Rise	Kirkstall	KFC
Lidgett Lane	Brackenwood Dr to Bentcliffe Gdns	Roundhay	C
Lidgett Lane	Bentcliffe Gdns to Nunroyd Gr	Roundhay	FC
<b>Unclassified Distributor Roads 2019/2020</b>			
Broad Lane	Newlay Lane to A657 Town Street	Bramley and Stanningley	KFC
Broad Lane	A657 Whitecote Hill to Westmoor St	Bramley and Stanningley	KFC
Broad Lane	Westmoor Street to Calverley Garth	Bramley and Stanningley	KFC
Kirkstall Hill	Kirkstall Lane to Argie Avenue	Kirkstall	KFC
Kirkstall Hill	Argie Avenue to S/L 13	Kirkstall	FC

LTP Capital Highways Maintenance Programme 2018/2020 (PROVISIONAL)			
Kirkstall Hill	S/L 13 to Burley Hill Drive	Kirkstall	KFC
Kirkstall Hill	Burley Hill Drive to St Anns Lane	Kirkstall	FC
West Chevin Road	Rear Clifton Villas to F/Path Lhs (Steps}	Otley and Yeadon	KFC / May require major capital scheme due to land slippage/movement. Ongoing monitoring taking place.
West Chevin Road	F/Path Lhs (Steps) to Opp Kirwin Cottage	Otley and Yeadon	
West Chevin Road	Opp Kerwin Cottage to S/L 17 Chevin Hall	Otley and Yeadon	
West Chevin Road	S/L 17 to Start Crash Rail	Otley and Yeadon	
West Chevin Road	Start Of Crash Rail to P/F/Path	Otley and Yeadon	
West Chevin Road	P/F/Path to Caravan Site Main Ent	Otley and Yeadon	

Kirkstall Hill	S/L 13 to Burley Hill Drive	Kirkstall	KFC
Kirkstall Hill	Burley Hill Drive to St Anns Lane	Kirkstall	FC
West Chevin Road	Rear Clifton Villas to F/Path Lhs (Steps}	Otley and Yeadon	KFC / May require major capital scheme due to land slippage/movement. Ongoing monitoring taking place.
West Chevin Road	F/Path Lhs (Steps) to Opp Kirwin Cottage	Otley and Yeadon	
West Chevin Road	Opp Kerwin Cottage to S/L 17 Chevin Hall	Otley and Yeadon	
West Chevin Road	S/L 17 to Start Crash Rail	Otley and Yeadon	
West Chevin Road	Start Of Crash Rail to P/F/Path	Otley and Yeadon	
West Chevin Road	P/F/Path to Caravan Site Main Ent	Otley and Yeadon	

**LTP Capital Structures Maintenance and Strengthening Programme 2017/2018**

Programme Area							Estimated Cost
Schemes brought forward from 2016/17							
Scheme No.	Location	Description	Estimated Costs (£)				
			Up to & inc 2016/17	2017/18	2018/19 onwards	Total	
732548	Wellington Road North Footbridge (L2336)	Replacement of temporary centre span	8,600	50,000	1,750,000	1,808,600	
732066	Otley Bridge Footway Cantilever (L90)	Refurbishment of cantilever footway.	84,600	40,000	550,000	674,600	
732074	Pool Bank Culvert Replacement L1051)	Replacement of culvert due to failed section.	185,200	310,000	7,500	502,700	
732292	Hansbygate Subway (L2013)	Strengthening of substandard subway	90,000	40,000	500,000	630,000	
732547	Water Lane Cantilever (L2154)	Strengthening of substandard sections of footway	40,000	50,000	2,300,000	2,390,000	
732533	Scour Assessments	Scour assessment of at risk bridges	75,000	50,000	0	125,000	
732282	Woodhouse Lane	Strengthening of parapet edge beam	133,500	50,000	1,200,000	1,383,500	
Various	Retentions	Retentions for small schemes		55,000		55,000	
<b>Total spend within 2017/18 on Schemes brought forward from 2016/17</b>							<b>£645,000</b>
<b>Contribution to Network Rail Bridge Maintenance 2017/18</b>							
Under a nationally agreed protocol between Network Rail and Local Highway Authorities, LCC is responsible for part-funding strengthening works to bridges owned by Network Rail that carry roads over the railway.							
Scheme No.	Location	Description	Estimated Costs (£)				
			Up to & inc 2016/17	2017/18	2018/19 onwards	Total	
716221	Balm Road Bridge	Contribution to Network Rail for maintenance / strengthening scheme.	3,500	250,000	0	253,500	
<b>Total Contribution to Network Rail Bridge Maintenance 2017/18</b>							<b>£250,000</b>
Whole Programme Sub Totals			620,400	895,000	6,307,500	7,569,400	

**LTP Capital Structures Maintenance and Strengthening Programme 2017/2018**

**New Strengthening and Maintenance Schemes 2017/18**

Route	Location	Description	Ward	Estimated Costs (£)		
				2017/18	2018/19 onwards	Total
A6120 / Railway	Station Road Crossgates	Repair damaged biridge joints	Cross Gate and Whinmoor	27,000	50,000	77,000
Various	Leeds Bridges Minor Works	Minor repair schemes at various locations around Leeds.	Various	562,000	10,000	572,000
Whole Programme Sub Totals				589,000	60,000	649,000
<b>Total Spend on New Strengthening and Maintenance Schemes 2017/18</b>						<b>£589,000</b>

### LTP Capital Structures Maintenance and Strengthening Programme 2017/2018

#### Asset Management and Valuation 2017/18

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.	Route	Location / Description	Ward	Estimated Costs (£)	
				Out-turn costs 2016/17	2017/18
712234	Various	<u>Asset Management</u> Development and on-going implementation of Structures Asset Management Plan. Review and implementation of the new Code of Practice for the Management of Highway Structures including recommendations, Value Management and Whole Life Costing. Review and development of scheme and programme prioritisation. Risk assessment of Principal Inspection programme Management of low bridge register Development and management of the Bridge Management System (AMX). Project close-out/data transfer for completed bridge maintenance and strengthening schemes Development of long LIRR strategy Development of major bid for regent Street Flyover. Retaining Wall data collection	Various	135,000	204,926
				1,600	30,000
713454	Various	<u>Asset Valuation</u> This is a mandatory Government requirement in 2013/14 in accordance with the 'Whole of Government Accounting' procedures.	Various	5,000	5,000
Whole Programme Sub Totals				141,600	239,926
<b>Total Spend on Asset Management and Valuation 2017/18</b>					<b>£239,926</b>

**LTP Capital Structures Maintenance and Strengthening Programme 2017/2018**

**Assessments, Inspections and Monitoring 2017/18**

Scheme No.	Route	Location / Description	Ward	Estimated Costs (£)	
				Out-turn costs 2016/17	2017/18
	Various	Structural Assessments and Structural Reviews of District bridges	Various	240,000	430,000
	Various	Principal Inspections (includes confined spaces and underwater inspections)	Various	400,500	458,000
	Various	Special Inspections Post Tensioned structures Half Joints Cast Iron structures Steel and carbon fibre reinforced structures Ecological Surveys	Various	320,000	60,000
			Sub total	996,500	948,000
	Various	Monitoring of Sub-Standard structures.	Various	50,000	30,000
		High Capacity Routes - Special Safety Inspections (prev. incl. in special inspections)		60,000	30,000
			Sub total	110,000	60,000
			Whole Programme Sub Totals	1,106,500	1,008,000
<b>Total spend on Assessments, Inspections and Monitoring 2017/18</b>					<b>£1,008,000</b>
<b>Total LTP Structures Capital Expenditure 2017/18</b>					<b>£2,731,926</b>

## Leeds Capital Structures Maintenance and Strengthening Programme 2017/2018

Programme Area							Estimated Cost
Schemes brought forward from 2016/17							
Scheme No.	Location	Description	Estimated Costs (£)				
			Out-turn costs 2016/17	2017/18	2018/19 onwards	Total	
732065	Thorp Arch Bridge Scour Assessment (L37)	Strengthening of structure for undermining / scour.	73,500	320,000	5,000	398,500	
732521	Little Woodhouse Street (L212)	Strengthening of substandard panels 18/19/20 of Woodhouse Tunnel under Little Woodhouse Street	760,000	290,000	0	1,050,000	
732143	Leeds Bridge	Strengthening of Leeds Bridge to maintain vehicular traffic.	1,080,000	1,320,000	600,000	3,000,000	
716611	Fall Lane	Strengthening of Network Rail bridge	8,800	850,000	0	858,800	
732293	Regent Street Flyover	Concrete repairs to abutments and deck.	121,400	300,000	10,000	431,400	
		Whole Programme Sub Totals	2,043,700	3,255,000	1,990,000	7,288,700	
New Strengthening and Maintenance Schemes 2017/18							
Scheme No.	Location	Description	Estimated Costs (£)				
			Up to & inc 2016/17	2017/18	2018/19 onwards	Total	
	LIRR Safety Features	Upgrade of LIRR safety features	0	50,000	1,250,000	1,300,000	
<b>Total Leeds Capital Maintenance (Structures)</b>							<b>£3,130,000</b>

### Structures Maintenance and Strengthening Programme 2018/2020 (PROVISIONAL)

**Programme Area**
**Structures 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 for 2018/19 & 2019/20. Should reserve schemes be needed for the year 2017/18 they will be drawn from this list, unless a structure was to be brought to our attention which required work prior to those currently listed here.

Structure	Works Description	Route	Comments
<b>2018/19 (Provisional)</b>			
Minor Works 2018/19	Minor repair schemes at various locations around Leeds.	Various	
Owlcotes Bridge	Replacement of bearings	A647 / A647	
Woodhouse Lane Bridge	Installation of interim measures on footway	A660 / A58(M)	
Inner Ring Road Safety Features	Upgrade to Leeds Inner Ring Road safety features	A58(M) or A64(M)	
Inner Ring Road Retaining Walls	Concrete repairs to Inner Ring Road walls	A58(M) or A64(M)	
Otley Bridge	Scour protection in River Wharfe of Otley Bridge	Uncl / River Wharfe	
<b>2019/20 (Provisional)</b>			
Minor Works 2019/20	Minor repair schemes at various locations around Leeds.	Various	
Inner Ring Road Safety Features	Upgrade to Leeds Inner Ring Road safety features	A58(M) or A64(M)	Ongoing improvements
Wattlesyke Culvert	Arch repairs to culvert	Jct A65 & A659	
Dewsbury Road No. 2 Bridge	Raising of parapet	A61 / Railway	
Viaduct Road Bridge	Scour protection in River Aire of Viaduct Road bridge	Uncl / River Aire	
Hansbygate Subway	Construction of relieving slab	A6120 / Fway	
Calverley Railway Bridge	Painting of steel bridge	A6120 / Elect Railway	



### Leeds Capital Highway Maintenance Programme Carried forward from 2016/17

Programme Area				Estimated Cost
<b>Local Roads Carry over schemes</b> The Local Roads Schemes detailed below have carried over from the 2016/17 programme for a variety of reasons. These works will be carried out within the 2017/18 years programme.				
Street	Extents	Ward	Comments	
Intercity Way	Swinnow Lane To S/L A7	Calverley and Farsley	Yorkshire Water / Britvick	
Intercity Way	S/L A7 To End (S/L A13)	Calverley and Farsley	Yorkshire Water / Britvick	
Bowcliffe Road	Gibraltar Island Road To End	City and Hunslet	Contractor – carriageway works only	
Harper Street	New York Street To Kirkgate	City and Hunslet	City Centre - Clash with CCM Footway Scheme	
New York Street	Kirkgate To Harper Street	City and Hunslet	City Centre – Clash with CCM Footway Scheme	
Linton Road	Linton Br Inclusive To Beck Lane	Harewood	Linton Bridge works	
Linton Road	Beck Lane To House N0 1 Bus Stop	Harewood	Linton Bridge works	
Linton Road	House N0 1 Bus Stop To Harewood Rd	Harewood	Linton Bridge works	
Back Manor Terrace	Richmond Ave To Richmond Rd	Headingley	Contractor	
Moresdale Lane	South Parkway To Foundry Mill St	Killingbeck and Seacroft	Development	
Glen Road	Magpie Lane To Bus Terminus	Morley South	Gas works	
Glen Road	Bus Terminus E To Topcliffe Lane	Morley South	Gas works	
Town Street	High Street To Kirk Lane	Otley and Yeadon	Contractor – carriageway works only	
Commercial Street	Marsh Street To Hare and Hound Ph	Rothwell	Strategic Footway Scheme - Contractor	
Chandos Terrace	Lidgett Lane To End	Roundhay	Stone products	
Castle Grove Avenue	Moor Road To End	Weetwood	Stone products	
Weetwood Lane	Ent Tennis Cts SI 19 To Glen Rd	Weetwood	Design resource	
Tyersal Road	Arkwright Street To Tyersal Walk	Pudsey	Contractor – Footway works only	
Tyersal Road	Tyersal Walk To End	Pudsey	Contractor – Footway works only	
Grangefield Road	Town Street To Bollards	Bramley and Stanningley	Adjacent development / Cycle super highway interface	
Fleet Lane	Norfolk Close To W.Y.C.F.A	Rothwell	Yorkshire water – sewer/drainage problems	
Carr Hill Drive	Upper Carr La To Carr Hill Grove	Calverley and Farsley	Contractor – Footway works only	
Carr Hill Drive	Carr Hill Grove To Carr Hill Ave	Calverley and Farsley	Contractor – Footway works only	
<b>Total Local Roads Carry Over Schemes from 2016/17</b>				<b>£1,188,880</b>
<b>Total Local Roads Funding Carried forward from 2016/17</b>				<b>£468,944</b>
<b>Total Local Roads Funding Shortfall from 2016/17</b>				<b>£719,936</b>

## Leeds Capital Highways Maintenance Programme 2017/2018

Programme Area			Estimated Cost
Local Roads Structural Maintenance			
A Programme of structural maintenance to the Local Road network to strengthen and resurface with associated kerb, footway and verge works where required.			
Street	Extents	Ward	Work Type / Comments
<b>Local Roads</b>			
Breary Lane	Rosemont Flats to Parklands Gate	Adel and Wharfedale	KF
Breary Lane	Parklands Gate to Bndry Hse 29/31	Adel and Wharfedale	F
Breary Lane	Bndry Hse 29/31 to Leeds Rd	Adel and Wharfedale	F
Cookridge Drive	Green Ln to Mosley Wood Ave	Adel and Wharfedale	KF
Eastgate	Church Hill to Breary Lane	Adel and Wharfedale	KF
Birkdale Close	Birkdale Drive to End	Alwoodley	F
Birkdale Drive	Nursery Ln to Birkdale Mount	Alwoodley	F
Birkdale Drive	Birkdale Mount to Houses 19/21	Alwoodley	F
Birkdale Drive	Houses 19/21 to End	Alwoodley	F
Birkdale Green	Birkdale Drive to O/S House No 14	Alwoodley	F
Birkdale Grove	Birkdale Place to End	Alwoodley	F
Birkdale Mount	Birkdale Drive to End	Alwoodley	F
Birkdale Place	Birkdale Drive to End	Alwoodley	F
Birkdale Rise	End to Birkdale Walk	Alwoodley	F
Birkdale Walk	Houses 5/7 to Houses 16/14	Alwoodley	F
Birkdale Way	Birkdale Drive to Birkdale Rise	Alwoodley	F
Brookhill Avenue	Linton Road to end P Shape	Alwoodley	KF
Brookhill Crescent	Brookhill Avenue to End	Alwoodley	FK
Gleneagles Road	Birkdale Drive to End	Alwoodley	F
Lingfield Approach	Roundabout	Alwoodley	C
Lingfield Hill	Nursery Ln to Roundabout	Alwoodley	C
Linton Drive	Linton Rise to Linton View	Alwoodley	F
Linton Rise	High Ash Dr to Linton Close	Alwoodley	F
Linton View	Linton Rise to Linton Road	Alwoodley	F
Primley Park Road	Nursery Lane to House 22	Alwoodley	KFC
Primley Park Road	House 22 to House 80	Alwoodley	C
Sandringham Way	Harrogate Rd O/Side 29 to Harrogate Rd	Alwoodley	FC
Sunningdale Drive	Sunningdale Ave to Birkdale Drive	Alwoodley	F
Leigh View	Bradford Road A650 to O/S No 2	Ardsley and Robin Hood	KFC
Wesley Road	Church Road to Tong Road	Armley	KFC

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Cardinal Crescent	Cardinal Ave to Cardinal Ave	Beeston and Holbeck	KF
Crosby Street	Top Moor Side to Ingram Road	Beeston and Holbeck	KFC
Fairfax Road	Cemetery Road to End	Beeston and Holbeck	FC
Shafton Lane	Domestic Street to Ingram Road	Beeston and Holbeck	KFC
Calverley Lane	House 151 to Coal Hill Lane	Bramley and Stanningley	C
Melbourne Street	Hough La to Melbourne Grove	Bramley and Stanningley	KFC
Farfield Avenue	House 18 to The Gardens (S/L 5)	Calverley and Farsley	FC
Farfield Avenue	The Gardens (SI 5) to Cotefield Av	Calverley and Farsley	FC
Button Hill	Chapelton Rd to Hall Lane	Chapel Allerton	C
Cowper Street	Chapelton Rd to Hamilton Place	Chapel Allerton	C
Cowper Street	Hamilton Place to Spencer Place	Chapel Allerton	C
Dominion Avenue	King George Ave to Gledhow Lane	Chapel Allerton	KFC
Methley Drive	Henconner Lane to Harrogate Rd	Chapel Allerton	F
Town Street	Church Lane to Harrogate Road	Chapel Allerton	KFC
Woodland Lane	Harrogate Rd to Pasture Lane	Chapel Allerton	KFC
Woodland Lane	Pasture Lane to Gledhow Lane	Chapel Allerton	KFC
Manston Gardens	Church Lane to Park Gate Post	Cross Gates and Whinmoor	C
Manston Gardens	Park Gate Post to Kelmscott Lane	Cross Gates and Whinmoor	FC
Stanks Drive	Stanks Lane North to Gable No 458	Cross Gates and Whinmoor	C
Stanks Drive	Gable 458 to Gable 420-432.	Cross Gates and Whinmoor	C
Stanks Drive	Gable 420-432 to Bdy 362\364.	Cross Gates and Whinmoor	C
Stanks Drive	Bdy 362\364 to Bdy 131\133.	Cross Gates and Whinmoor	FC
Swarcliffe Avenue	Swarcliffe Drive to Bdy 57/59	Cross Gates and Whinmoor	KFC
Swarcliffe Avenue	Bdy 57\59 to Bdy 84\86.	Cross Gates and Whinmoor	KFC
Swarcliffe Avenue	Bdy 84\86 to Ashtree Gr	Cross Gates and Whinmoor	KFC
Swarcliffe Avenue	Gable Ash Tree Gr FI to Stanks Drive	Cross Gates and Whinmoor	KFC
Swarcliffe Avenue	Bus Turning Area Stanks Drive.	Cross Gates and Whinmoor	KFC
Gamble Hill Drive	Pudsey Road to O/S No 120	Farnley and Wortley	KFC
Gamble Hill Drive	O/S No 120 to O/S No 82	Farnley and Wortley	KFC
Gamble Hill Drive	O/S No 82 to Gamble Hill Grange	Farnley and Wortley	KFC
Gamble Hill Drive	L/C 17 Flatts to Opp No 35	Farnley and Wortley	KFC
Upper Wortley Road	Tong Road to Thornhill Road	Farnley and Wortley	KFC
Upper Wortley Road	Thornhill Road to Oldfield Lane	Farnley and Wortley	KFC
Century Way	Selby Road to Roundabout	Garforth and Swillington	KFC
Century Way	Roundabout	Garforth and Swillington	KFC
Century Way	Roundabout to Selby Road	Garforth and Swillington	KFC

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Century Way	Roundabout to Brown Moor Farm Road	Garforth and Swillington	KFC
New Sturton Lane	Dover Street to Bus Turning Circle East Exit	Garforth and Swillington	C
Amberton Road	Easterly Road to Gipton Wood Road	Gipton and Harehills	F
Amberton Road	Gipton Wood Road to Thorn Walk	Gipton and Harehills	F
Amberton Road	Thorn Walk to Oak Tree Drive	Gipton and Harehills	F
Bayswater Grove	Bexley Road to Harehills Road	Gipton and Harehills	C
Dolly Lane	Gledhow Rd to Lhs Ent Cherry Tree	Gipton and Harehills	KFC
Gledhow Road	Dolly Lane to Gledhow Mount	Gipton and Harehills	KFC
Gledhow Road	Gledhow Mount to Bayswater Road	Gipton and Harehills	KFC
Greenacre Park Avenue	Greenacre Pk to Greenacre Pk Rise	Guiseley and Rawdon	KF
Greenlea Avenue	A65 to Greenlea Road	Guiseley and Rawdon	C
Victoria Road	Otley Road to Park Road	Guiseley and Rawdon	KFC
Ash Gardens	Ash Crescent to Ash Road	Headingley	KFC
Ash Road	Kirkstall Lane to Canterbury Drive	Headingley	KFC
Billing View	Town St to S/L3 End 9	Horsforth	C
Town Street	North Broadgate Lane to Church Lane	Horsforth	KFC
Alexandra Road	Hyde Park Road to Autumn Grove	Hyde Park and Woodhouse	FC
Lovell Park Close	Lovell Park Hill to End	Hyde Park and Woodhouse (Housing)	KFC
Lovell Park Gate	Lovell Park Hill to End	Hyde Park and Woodhouse (Housing)	KFC
Lovell Park Hill	Lovell Park Road to End	Hyde Park and Woodhouse (Housing)	KFC
Lovell Park Mews	Lovell Park Close to End	Hyde Park and Woodhouse (Housing)	KFC
Lovell Park View	Wintown Street to End	Hyde Park and Woodhouse (Housing)	KFC
Oatland Close	Oatland Road to End	Hyde Park and Woodhouse (Housing)	KFC
Oatland Drive	Oatland Lane to End T/Shape	Hyde Park and Woodhouse (Housing)	KFC
Oatland Gardens	Oatland Drive to End.	Hyde Park and Woodhouse (Housing)	KFC
Oatland Green	Oatland Lane to End	Hyde Park and Woodhouse (Housing)	KFC
Oatland Place	Oatland Rd to End	Hyde Park and Woodhouse (Housing)	KFC
Oatland Road	Meanwood Rd to Oatland Lane	Hyde Park and Woodhouse (Housing)	KFC
Servia Drive	Servia Road to End	Hyde Park and Woodhouse (Housing)	KFC
Servia Gardens	Servia Hill to End	Hyde Park and Woodhouse (Housing)	KFC
Servia Road	Servia Hill to Cambridge Rd	Hyde Park and Woodhouse (Housing)	KFC
Wintoun Street	North Street to End	Hyde Park and Woodhouse (Housing)	KFC
Eastdean Road	Ramshead Drive to Eastdean Drive	Killingbeck and Seacroft	C
Oxford Drive	O/S No.58. to Westfield Lane.	Kippax and Methley	KFC
Abbeydale Grove	Abbeydale Oval to T Jnct	Kirkstall	KFC
Abbeydale Grove	O/S Hse 40 to End	Kirkstall	KFC

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Abbeydale Vale	Abbeydale Oval to End	Kirkstall	C
Back Park View Avenue	Park View Rd To Park View Ave	Kirkstall	KFC
Beechwood Crescent	Cardigan La To Beechwood Mount	Kirkstall	KFC
Beechwood Crescent	Beechwood Mount To St Michaels La	Kirkstall	KFC
Beechwood Grove	Beechwood Crescent To End	Kirkstall	KFC
Beechwood Walk	Beechwood Crescent to End	Kirkstall	KFC
Lea Farm Road	Vesper Road to Lea Farm Drive	Kirkstall	KF
Park View Avenue	Park View Rd to Ashville Rd	Kirkstall	KFC
Acre Road	Sissons Terr to Middleton Park Ave	Middleton Park	FC
Bodmin Road	Service Rd Rear 165/167	Middleton Park	C
Middleton Park Mount	Thorpe Road to Middleton Park Ave	Middleton Park	FC
Middleton Road	Roundabout to Windmill Road	Middleton Park	FC
Old Run Road	M1 Bridge to West Grange Drive	Middleton Park	C
Chelwood Drive	Chelwood Mount to Street Lane	Moortown	C
Highwood Avenue	Q.Hill Ave to Highwood Cres	Moortown	F
Highwood Avenue	Highwood Cres to Stonegate Rd	Moortown	F
Highwood Crescent	Highwood Avenue to End	Moortown	F
Highwood Grove	Highwood Avenue to End	Moortown	F
Bruntcliffe Way	Bruntcliffe Ave to Bruntcliffe Ln	Morley South	FC
Howley Park Trading Estate Access Road	Howley Park Road East to End	Morley South	KF
Pipit Meadow	Sandpiper Approach to End	Morley South	C
Sandpiper Approach	Peacock Green to End	Morley South	KFC
Granville Mount	Avenue Terrace to Burras Ln	Otley and Yeadon	C
Guycroft	Westgate to End	Otley and Yeadon	KFC
Kent Road	Lowtown to Sycamore Chase	Pudsey	KFC
Kent Road	Sycamore Chase to Kent Crescent	Pudsey	FC
Kent Road	Kent Crescent to Valley Road	Pudsey	KFC
Holmsley Lane	Oulton Lane to North Lane	Rothwell	FC
Quarry Hill	Aberford Road / O/S 5	Rothwell	KFC
Copgrove Road	Upland Grove to Bdy 46/48	Roundhay	C
Copgrove Road	Bdy 46/48 to Roundhay Road	Roundhay	C
Copgrove Road	Hetton Road to Upland Grove	Roundhay	KFC
Whitechapel Close	Springwood to End	Roundhay	F
Moor Drive	Moor Road to End	Weetwood	KFC
Moor Park Mount	Ave End to Drive End	Weetwood	KFC

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Silk Mill Drive	Haigh Wood Rd to Silkmill Gdns	Weetwood	KFC
Silk Mill Drive	Silk Mill Gdns to Bedford Mt	Weetwood	KFC
Silk Mill Drive	Bedford Mount to Bedford Garth	Weetwood	KFC
St James Street	North St to Crossley St	Wetherby	C
<b>Total Local Roads Structural Maintenance</b>			<b>£8,563,567</b>
<b>City Centre Structural Maintenance</b>			
A programme of works in the City Centre. There are no City Centre works funded through the Local Roads Programme, primarily because the prioritisation system does not account for the special nature of the City Centre maintenance problems. This programme allows these characteristics to be taken into account and ensure the works required with in the City Centre can be delivered.			
<b>Street</b>	<b>Extents</b>	<b>Ward</b>	<b>Work Type / Comments</b>
Bedford Street	East Parade to Park Row	City and Hunslet	KFC
Lisbon Street	Wellington Street to End	City and Hunslet	C - May be affected by City Connect Phase 2
Little Queen Street	Wellington St to St Pauls Street	City and Hunslet	KFC - May be affected by City Connect Phase 2
New York Street	Harper Street to Church Lane	City and Hunslet	C - May be affected by City Connect Phase 2
Park Street	Great George Street to Paved Area	City and Hunslet	C
York Street	Church Lane to Duke Street	City and Hunslet	C - May be affected by City Connect Phase 2
<b>Total City Centre Structural Maintenance</b>			<b>£327,337</b>
<b>Footway Structural Maintenance</b>			
A programme of footway structural maintenance schemes on prestige, primary and secondary walking routes. This will help to address the Council's performance against its own local Performance Indicator LK1187 which indicates that over 19% of these surfaces are in need of maintenance.			
<b>Street</b>	<b>Extents</b>	<b>Ward</b>	<b>Work Type / Comments</b>
Beeston Road	Malvern Road to Tempest Road	Beeston and Holbeck	KF
Beeston Road	Tempest Road to Parkfield Avenue	Beeston and Holbeck	KF
Dewsbury Road	Ring Road Beeston to Old Lane	Beeston and Holbeck	KF
Town Street	Wesley Street to Crow Nest Lane	Beeston and Holbeck	KF
Station Road	Rakehill Road to Main Street	Harewood	F
Bondgate	Charles Street to Station Road	Otley and Yeadon	F
Clapgate	A659 Westgate to Courthouse Street	Otley and Yeadon	F
Ivegate	Town St to Well Hill	Otley and Yeadon	F
Market Place	Kirkgate to Newmarket	Otley and Yeadon	KF
Princes Avenue	Mansion Lane to Park View Crescent	Roundhay	KF
<b>Total Footway Structural Maintenance</b>			<b>£135,928</b>

## Leeds Capital Highways Maintenance Programme 2017/2018

### Local Roads Carriageway Preventative Maintenance

A programme of Preventative Maintenance Carriageway schemes to the Local Road network. This is made up of Surface Dressing, thin surfacing / micro asphalt works (including a programme of follow-up treatments specifically for those streets that have had a re-tread treatment in the last ten years).

#### Surface Dressing

Street	Extents	Ward
Back Church Lane	Church La to Long Causeway	Adel and Wharfedale
Breary Lane	Rosemont Flats to Parklands Gate	Adel and Wharfedale
Breary Lane	Parklands Gate to Bndry Hse 29/31	Adel and Wharfedale
Breary Lane	Bndry Hse 29/31 to Leeds Rd	Adel and Wharfedale
Breary Lane East	Leeds Rd to Creskeld Ln	Adel and Wharfedale
Breary Lane East	Creskeld Lane to End	Adel and Wharfedale
Creskeld Lane	Leeds Rd to Breary Ln East	Adel and Wharfedale
Creskeld Lane	Breary Ln East to Creskeld Park	Adel and Wharfedale
Creskeld Lane	Creskeld Park to End No 55	Adel and Wharfedale
East Causeway	Sir Geo Martin Dr to Eddison Walk	Adel and Wharfedale
East Causeway	Eddison Walk to Long Causeway	Adel and Wharfedale
Eastgate	Church Hill to Breary Lane	Adel and Wharfedale
Long Causeway	Sir George Martin Drive to Back Church Lane	Adel and Wharfedale
Old Lane	Harrogate Rd to F/Path Thro Gate	Adel and Wharfedale
Old Lane	F/P Thro Gate to F/P to Pool Bank	Adel and Wharfedale
Old Lane	P/F/Path to Pool Bank to 24/26	Adel and Wharfedale
Old Lane	24/26 to Eastgate	Adel and Wharfedale
Old Lane	Harrogate Road to O/Head Power Lines	Adel and Wharfedale
Old Lane	O/Head Power Lines to Bramham Old Ln (F/P Daneswood)	Adel and Wharfedale
Sir George Martin Drive	Long Causeway (Opp.1 Adel Garth) to Derwent Dr	Adel and Wharfedale
Sir George Martin Drive	Derwent Dr to Mulberry Ave	Adel and Wharfedale
Sir George Martin Drive	Mulberry Ave to Long Causeway	Adel and Wharfedale
Sir George Martin Drive	Bus Terminus	Adel and Wharfedale
Eccup Moor Road	King Ln to 15 Mph Sign	Alwoodley
Eccup Moor Road	1st 15 Mph Sign to 2nd 15 Mph Sign	Alwoodley
Eccup Moor Road	2nd 15 Mph Sign to 350m North	Alwoodley
Eccup Moor Road	350m N 2nd 15mph Sign to Village Road	Alwoodley
Cottingley Drive	Elland Road to Dulverton Place	Beeston and Holbeck
Cottingley Drive	Dulverton Place to Cottingley Fold	Beeston and Holbeck
Cottingley Drive	Cottingley Fold to Cottingley Approach	Beeston and Holbeck

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Ingram Road	Brown Lane East to Cross Ingram Rd	Beeston and Holbeck
Gibraltar Island Road	Old Mill Lane to End	City and Hunslet
Pepper Road	Sussex Avenue to Middleton Road	City and Hunslet
Severn Road	Severn Way to Low Road	City and Hunslet
Severn Way	Gibraltar Island Road to End	City and Hunslet
Sussex Avenue	Low Road to Pepper Road	City and Hunslet
Sherburn Road North	White Laithe Road to Bdy 118/120	Cross Gates and Whinmoor
Sherburn Road North	Bdy 118\120 to Bdy 84	Cross Gates and Whinmoor
Sherburn Road North	Bdy 84 to Bdy 48	Cross Gates and Whinmoor
Sherburn Road North	Bdy 48 to Rdbt Baildon Drive.	Cross Gates and Whinmoor
Smeaton Approach	Leeds Road to Ent School	Cross Gates and Whinmoor
Smeaton Approach	Ent J Smeaton School to Bower Rd	Cross Gates and Whinmoor
Smeaton Approach	Bower Rd to L/P 27	Cross Gates and Whinmoor
Smeaton Approach	L/P 27 to Sandleas Way	Cross Gates and Whinmoor
Smeaton Approach	Sandleas Way to Dovedale Garth	Cross Gates and Whinmoor
Smeaton Approach	Dovedale Garth to Barnard Way	Cross Gates and Whinmoor
Smeaton Approach	Barnard Way to Smeaton App	Cross Gates and Whinmoor
Fairburn Drive	Hazelwood Avenue to House No 57	Garforth and Swillington
Fairburn Drive	House No 57 to Kentmere Avenue	Garforth and Swillington
Fairburn Drive	Kentmere Avenue to Spring Close	Garforth and Swillington
Fairburn Drive	Spring Close to Woodlands Drive	Garforth and Swillington
Green Lane	Nineland Lane to Green Lane Villas	Garforth and Swillington
Green Lane	Green Lane Villas to Woodlands Drive	Garforth and Swillington
Ashley Road	Harehills La to Florence St	Gipton and Harehills
Ashley Road	Florence St to Stanley Rd	Gipton and Harehills
Coldcotes Drive	Oakwood Lane to Coldcotes Circus (West Jct Prior Hse 41)	Gipton and Harehills
Coldcotes Drive	Coldcotes Cir(W Adj Hse 16) to Oakwood Lane	Gipton and Harehills
Easterly View	Foundry Ave to St Wilfreds Cres	Gipton and Harehills
Foundry Avenue	Amberton Rd to North Farm Rd	Gipton and Harehills
Foundry Avenue	North Fm Rd to Oak Tree Dr	Gipton and Harehills
Hovingham Avenue	St Wilfs Dr to Harehills Lane	Gipton and Harehills
St Wilfrids Avenue	St Wilfreds Cres to Easterly Mount	Gipton and Harehills
St Wilfrids Avenue	Easterly Mt to St Wilfreds Dr	Gipton and Harehills
St Wilfrids Crescent	Easterly Vw to St Wilfreds Gr (Acw)	Gipton and Harehills
St Wilfrids Crescent	St Wilfreds Gr to Easterly Vw (Acw)	Gipton and Harehills



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St Wilfrids Drive	St Wilfs Circ to Hovingham Ave	Gipton and Harehills
Stanley Road	Beckett St to Stoney Rock Ln	Gipton and Harehills
Broadway	New Way to West Way	Guiseley and Rawdon
Dales Drive	Southway to Dalesway	Guiseley and Rawdon
Dales Way	Ridgeway to Dales Drive	Guiseley and Rawdon
Dales Way	Dales Drive to Thorpe Lane	Guiseley and Rawdon
Greenlea Road	Westfield Ave to Greenlea Close	Guiseley and Rawdon
Greenlea Road	Greenlea Cl to Woodlea Rd	Guiseley and Rawdon
Hillway	Bradford Rd to Southway	Guiseley and Rawdon
Hillway	Southway to Hawksworth Lane	Guiseley and Rawdon
Ings Lane	Netherfield Rd to West Pk (North)	Guiseley and Rawdon
Ings Lane	West Pk (North) to Westbourne Dr	Guiseley and Rawdon
Ings Lane	Westbourne Drive to A65	Guiseley and Rawdon
Micklefield Road	Leeds Rd to Micklefield Ln	Guiseley and Rawdon
Moorway	Bradford Rd to Broadway	Guiseley and Rawdon
Moorway	Broadway to Thorpe Lane	Guiseley and Rawdon
Ridgeway	Dalesway to L/C 12 [No24]	Guiseley and Rawdon
Ridgeway	L/C 12 [No 24] to Southway	Guiseley and Rawdon
South Drive	Westgate to Southway	Guiseley and Rawdon
Southway	Bradford Rd to Hillway	Guiseley and Rawdon
Southway	Hillway to 25/27	Guiseley and Rawdon
Southway	25/27 to South Drive	Guiseley and Rawdon
Southway	South Dr to Westgate	Guiseley and Rawdon
The Crescent	The Oval to Moorway	Guiseley and Rawdon
The Oval	Bradford Rd to Moor Way	Guiseley and Rawdon
Warm Lane	Apperley Ln to Gill Royd	Guiseley and Rawdon
Westgate	Opp 20 Southway to Southgate	Guiseley and Rawdon
Westgate	Southgate to South Drive	Guiseley and Rawdon
Westgate	South Drive to 83/85 [S/L 6]	Guiseley and Rawdon
Westgate	83/85 to Southway	Guiseley and Rawdon
Westway	The Crescent to Broadway	Guiseley and Rawdon
Westway	Broadway to Moorway	Guiseley and Rawdon
Roundhay Park Lane	Ring Rd to Farm Rd 243m	Harewood
Roundhay Park Lane	Farm Rd to Oakfield House	Harewood
Roundhay Park Lane	Oakfield House to Park Lane Mews	Harewood

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Roundhay Park Lane	Park Lane Mews to Shadwell Lane	Harewood
Alexandra Road	Broadgate Lane Inc Cut Thro to Broadway	Horsforth
Broadgate Drive	Broadgate Ave to 38/41	Horsforth
Broadgate Drive	38-41 to King George Rd	Horsforth
King George Road	Broadgate Ln to Bdy 36/38	Horsforth
King George Road	36-38 to Low Lane	Horsforth
Springfield Mount	Low Ln to Bdy 54/56	Horsforth
Springfield Mount	Bdy 54/56 to No 86	Horsforth
Springfield Mount	N0 86 to King George Road	Horsforth
Moorland Road	Hyde Park Rd to St Johns Ave	Hyde Park and Woodhouse
Moorland Road	St Johns Ave to Clarendon Rd	Hyde Park and Woodhouse
Fearnville Avenue	Fearnville Rd to Fearnville Drive	Killingbeck and Seacroft
Fearnville Drive	Dib Lane to Fearnville Mount	Killingbeck and Seacroft
Fearnville Drive	Fearnville Mt to Fearnville PI	Killingbeck and Seacroft
Fearnville Grove	Fearnville Rd to Reinwood Ave	Killingbeck and Seacroft
Fearnville Mount	Fearnville Rd to Reinwood Ave	Killingbeck and Seacroft
Fearnville View	Fearnville Rd to Fearnville Dr	Killingbeck and Seacroft
Broom Crescent	Broom Terrace to Broom Cross	Middleton Park
Broom Crescent	Broom Cross to Broom Road	Middleton Park
Broom Cross	Middleton Road to Broom Crescent	Middleton Park
Broom Gardens	Broom Crescent to End	Middleton Park
Broom Grove	Broom Mount to Broom Place	Middleton Park
Broom Mount	End to Broom Place	Middleton Park
Broom Mount	Broom Place to Nesfield View	Middleton Park
Broom Place	Broom Road to Ring Road Middleton	Middleton Park
Broom Road	Broom Terrace to Broom Place	Middleton Park
Broom Road	Broom Place to Nesfield View	Middleton Park
Nesfield View	Broom Road to Belle Isle Road	Middleton Park
Nesfield View	Ring Rd Middleton to Nesfield Road (Dead End)	Middleton Park
Thorpe Road	Middleton Park Road to End	Middleton Park
Tongue Lane	Parkside Road to 350m	Moortown
Tongue Lane	350m to Scotland Mill Lane (Opp St Urbans)	Moortown
Tongue Lane	Scotland Mill Lane to Ring Road	Moortown
King George Avenue	Victoria Road to Boundary 49/51	Morley North
King George Avenue	Boundary 49/51 to New Bank Street	Morley North

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Henshaw Avenue	Henshaw Lane to O/S 45	Otley and Yeadon
Henshaw Avenue	O/S 45 to End	Otley and Yeadon
Henshaw Crescent	Side Hses 7/9 Henshaw Avenue to Side Hses 27/29	Otley and Yeadon
Henshaw Oval	Opp. 78 Henshaw Avenue to End	Otley and Yeadon
Windmill Lane	Green Lane to Bolton Grange	Otley and Yeadon
Windmill Lane	Bolton Grange to High Street	Otley and Yeadon
Chapel Street	Cross Green Lane to Primrose Road	Temple Newsam
Chapel Street	Primrose Road to Selby Road	Temple Newsam
Colton Lane	Selby Road to Colton Croft	Temple Newsam
Colton Lane	Bdy.Colton Croft to C.Colton Grth	Temple Newsam
Colton Lane	Colton Grth.to Jcn.Laurel H.Wy.	Temple Newsam
Colton Lane	Jcn.Laurel Hill Wy.to Colt.Rd Wy	Temple Newsam
Colton Road East	Stile Hill Way to Yew Tree Lane	Temple Newsam
Colton Road East	Yew Tree Lane to Temple Row Close	Temple Newsam
Colton Road East	Temple Row Close to School Lane	Temple Newsam
Cross Green Lane	Green Lane to Bdy Nos 29/31	Temple Newsam
Cross Green Lane	Bdy.29\31 to Gable No 6.	Temple Newsam
Cross Green Lane	Gable No 6 to Chapel Street	Temple Newsam
Green Lane	The Croft to The Mount	Temple Newsam
Green Lane	The Mount to House No 44	Temple Newsam
School Lane	Selby Road to Bdy No 20	Temple Newsam
School Lane	Bdy No 20 to Colton Road East	Temple Newsam
Ancaster Road	Kepstorn Road to Harrowby Road	Weetwood
Harrowby Crescent	Harrowby Rd to Harrowby Rd (Clockwise)	Weetwood
Harrowby Road	Dead End to Ancaster Rd	Weetwood
Iveson Approach	Iveson Drive to Iveson Road	Weetwood
Iveson Approach	Iveson Rd to Otley Old Rd (Serv Rd)	Weetwood
Parkstone Avenue	Ring Road to Parkstone Grove	Weetwood
Parkstone Avenue	Parkstone Gr to Iveson Drive	Weetwood
Parkstone Mount	Parkstone Gro to Iveson Drive	Weetwood
Rudgate	Hall Park Rd to Wighill Lane	Wetherby
Wood Lane	Walton Rd to Flintmill Lane	Wetherby
Wood Lane	Flintmill Lane to The Village	Wetherby

## Leeds Capital Highways Maintenance Programme 2017/2018

Micro Asphalt		
Street	Extents	Ward
Hall Close	Hall Rise to End	Adel and Wharfedale
Hall Rise	Leeds Rd to Cornerstones. 33	Adel and Wharfedale
Hall Rise	No 33 to No 12	Adel and Wharfedale
Hall Rise	No 12 to Creskeld Drive	Adel and Wharfedale
Hall Rise Close	Hall Rise to End	Adel and Wharfedale
Cardinal Square	Cardinal Walk to Redhall Gate (Hse 1 to 125)	Beeston and Holbeck
Cardinal Square	Redhall Gate to Cardinal Walk	Beeston and Holbeck
Cardinal Walk	Cardinal Road to Cardinal Square	Beeston and Holbeck
Cowley Road	Town St to Keldholme Rd	Bramley and Stanningley
Eggleston Street	Town St to Keldholme Rd	Bramley and Stanningley
Fairfield Road	Fairfield Crescent to House 34	Bramley and Stanningley
Fairfield Road	House 34 to Broad Lane	Bramley and Stanningley
Keldholme Road	Nunthorpe Road to End	Bramley and Stanningley
Kirkham Street	Town St to Keldholme Rd	Bramley and Stanningley
Lastingham Road	Town St to Keldholme Rd	Bramley and Stanningley
Nunthorpe Road	Town St to Keldholme Rd	Bramley and Stanningley
Nunthorpe Road	Keldholme Road to End	Bramley and Stanningley
Brown Hill Crescent	Hudson Road to Sutherland Road	Burmantofts and Richmond Hill
East Park Drive	Ascot Terrace to Glensdale Terrace	Burmantofts and Richmond Hill
East Park Drive	Glensdale Terr to Charlton Place	Burmantofts and Richmond Hill
East Park Drive	Charlton Place to East Park Place	Burmantofts and Richmond Hill
East Park Drive	East Park Place to East Park St	Burmantofts and Richmond Hill
Gargrave Approach	Torre Road to Gargrave Place	Burmantofts and Richmond Hill
Gargrave Place	Gargrave Approach to End	Burmantofts and Richmond Hill
Hudson Grove	Hudson Road to End	Burmantofts and Richmond Hill
Hudson Place	Hudson Road to End	Burmantofts and Richmond Hill
Hudson Road	Compton Road to Lupton Avenue	Burmantofts and Richmond Hill
Hudson Street	Hudson Road to End	Burmantofts and Richmond Hill
Ivy Grove	Ivy Street to Skelton Terrace	Burmantofts and Richmond Hill
Scargill Close	Gargrave Approach to End	Burmantofts and Richmond Hill
Red Lane	Oakwell Terrace to End	Calverley and Farsley
Water Lane	Town Street to Oakwell Terrace	Calverley and Farsley
Grange View	Nassau Place to End	Chapel Allerton

## Leeds Capital Highways Maintenance Programme 2017/2018

Whincover Road	Whincover Bank to O/S No 45	Farnley and Wortley
Whincover Road	O/S No 45 to Whincover Drive	Farnley and Wortley
Brunswick Gardens	Pinfold Lane to End	Garforth and Swillington
Glencoe Croft	Glencoe Gardens to O/S No.12.	Garforth and Swillington
Glencoe Croft	O/S No.1 to S/O No.17.	Garforth and Swillington
Glencoe Gardens	Station Road to O/S No.5.	Garforth and Swillington
Glencoe Gardens	S/O No.5.to O/S No.73.	Garforth and Swillington
Pinfold Lane	Church Lane to End	Garforth and Swillington
Greenacre Park Avenue	Greenacre Pk to Greenacre Pk Rise	Guiseley and Rawdon
Highfield Drive	Larkfield Road to End	Guiseley and Rawdon
The Lilacs	Kelcliffe Ln to Town St	Guiseley and Rawdon
Town Street	Queens Way to Carlton Lane	Guiseley and Rawdon
Woodlea Close	Woodlea Road to End	Guiseley and Rawdon
Beck Lane	Station Ln. to Linton Road	Harewood
Beech View	Parlington Drive to End	Harewood
Parlington Drive	Cattle Lane to End	Harewood
Station Lane	Harewood Rd to Dewar Close	Harewood
Station Lane	Dewar Close to Inline Sw Crnr. Property2 Beck Ln.	Harewood
Woodside Park Avenue	Woodside Park Dr to Ramp Side 39	Horsforth
Woodside Park Drive	Broadway to 23/22	Horsforth
Woodside Park Drive	23/51 to End	Horsforth
Hollis Place	Westfield Road to Burley Road	Hyde Park and Woodhouse
Rosebank Gardens	Westfield Road to End	Hyde Park and Woodhouse
Westfield Crescent	Westfield Rd to Burley Rd	Hyde Park and Woodhouse
Westfield Road	Woodsley Road to New School Playground	Hyde Park and Woodhouse
Westfield Road	New School Playground to Park Lane	Hyde Park and Woodhouse
Westfield Terrace	Westfield Road to Burley Road	Hyde Park and Woodhouse
Eastdean Drive	Ramshead App to Eastdean Rise	Killingbeck and Seacroft
Moorgate Avenue	Leeds Road to End	Kippax and Methley
South Ridge	The Drive to No.28.	Kippax and Methley
South Ridge	O/S No.28 to O/S No.38.	Kippax and Methley
The Close	The Drive to End	Kippax and Methley
The Crescent	The Drive to The Rise.	Kippax and Methley
The Crest	The Drive to The End.	Kippax and Methley
The Green	South Ridge to The Drive (Odd Numbers)	Kippax and Methley

### Leeds Capital Highways Maintenance Programme 2017/2018

The Green	The Drive to South Ridge ( Even Numbers)	Kippax and Methley
The Grove	The Drive to The End.	Kippax and Methley
The Mount	The Drive to The End.	Kippax and Methley
The Rise	The Square to The End.	Kippax and Methley
The Rise	From O/S No.15 to O/S No.23.	Kippax and Methley
The Square	O/S No.2 to O/S No.12.	Kippax and Methley
The Square	O/S No.9 to O/S No.31.	Kippax and Methley
The Square	O/S 1 to O/S 7	Kippax and Methley
Parkway	College Road to Park Crescent	Morley North
Albion Street	Corporation St to East Side Westfield Rd Jnct	Morley South
Queen Street	Albion Street to Fountain Street	Morley South
The Whartons	The Gills to 43/45	Otley and Yeadon
The Whartons	43/45 to Opp 91	Otley and Yeadon
The Whartons	Wrenbeck Drive to School	Otley and Yeadon
The Whartons	Opp 50 to End	Otley and Yeadon
The Whartons	Opp 20 to End	Otley and Yeadon
The Whartons	Opp 12 to End	Otley and Yeadon
Ravens Mount	Robin Lane to Hazelhurst Court	Pudsey
Gillett Drive	Abraham Hill / Cul/De/Sac	Rothwell
Haighside Way	Low Shop Lane / Haigh Side Drive	Rothwell
Low Shops Lane	Wood Lane / Cul/De/Sac	Rothwell
Elmete Avenue	North Ln to Wetherby Rd	Roundhay
Elmete Grove	Elmete Avenue to End	Roundhay
Gledhow Grange View	Lidgett Lane to End	Roundhay
Gledhow Grange Walk	Gledhow Grange View to End	Roundhay
Summerhill Gardens	West Pk Grove to End	Roundhay
Summerhill Place	West Pk Grove to End	Roundhay
The Laurels	Gledhow Lane to End	Roundhay
Broadway	Templenewsam Road to End	Temple Newsam
Moor Avenue	Oak Crescent to Oak Road	Temple Newsam
Templenewsam View	Templenewsam Road to End	Temple Newsam
Woodland Road	Temple Walk to Woodland Hill	Temple Newsam
Woodland Road	Woodland Hill to Gravelthorpe Road	Temple Newsam
Cottage Road	Otley Road to Moor Road	Weetwood

**Total Local Roads Carriageway Preventative Maintenance**

**£1,669,232**

**Leeds Capital Highways Maintenance Programme 2017/2018**

<p><b>Machine Condition Surveys</b> For the continuation of the compulsory machine survey of all classified roads. The results of this SCANNER survey will provide the condition data in 2015/2016 for national road condition indicators 168 and 169. In addition, surveys on the principal roads using the SCRIM skidding resistance machines will continue in the year 2014/2015. The surveys are carried out by a specialist contractor.</p>	<b>£25,000</b>
<p><b>Course Visual Inspection Surveys</b> For the continuation of the course visual inspections 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>	<b>£59,000</b>
<b>Sub total</b>	<b>£10,780,064</b>
<p><b>Carry Over Schemes to be constructed within 2015/16</b> As detailed in Appendix C1</p>	<b>£1,188,880</b>
<b>Sub total</b>	<b>£11,968,944</b>
<p><b>Total Carry Over Funding from 2014/15</b> From Appendix C1</p>	<b>-£468,944</b>
<b>Total Leeds Capital Maintenance (Roads)</b>	<b>£11,500,000</b>

### Leeds Capital Highways Maintenance Programme 2018/2020 (PROVISIONAL)

#### Programme Area

#### Local Roads Structural Maintenance (PROVISIONAL)

A Provisional Programme of structural maintenance to the Unclassified Distributor Roads and Local Road network to strengthen and resurface with associated kerb and footway works where required. This provisional list of streets is likely to be included in the Structural Maintenance Local Roads programme for 2018/19 & 2019/20. Should reserve schemes be needed for the year 2017/18 they will be drawn from this list, unless a street was to be brought to our attention which could be demonstrated to deserve treatment prior to those currently listed here.

Street	Extents	Ward	Comments
<b>Local Roads 2018/19 (Provisional)</b>			
Adel Grange Close	Adel Lane to End	Adel and Wharfedale	FC
Dale Park View	Tinshill Rd to Dale Park Ave	Adel and Wharfedale	KFC
Black Moor Road	Ring Road to Tynwald Hill	Alwoodley	C
Black Moor Road	Tynwald Hill to O/S No 60	Alwoodley	C
Cranmer Gardens	Cramner Rise to Cramner Road	Alwoodley	FC
Cranmer Rise	Cramner Gdns to Deanswood Drive	Alwoodley	C
Stairfoot Lane	King Lane to Leeds Hospices Stone Lhs	Alwoodley	FC
Stairfoot Lane	Leeds Hospices Stone Lhs to Back Church Lane	Alwoodley	C
Lingwell Gate Lane	Derestrict Sign to Elec Pylon	Ardsley and Robin Hood	C
Lingwell Gate Lane	Elec Pylon to The Nook Pub	Ardsley and Robin Hood	C
Lingwell Gate Lane	The Nook Pub to Dist Boundary	Ardsley and Robin Hood	C
Clyde Approach	Clyde Court to Bruce Gdns	Armley	KFC
St Marys Park Green	St Marys Park App to End	Armley	KFC
Green Hill Place	Green Hill Mount to End	Armley	C
Lowfields Avenue	Roundabout to L/C L/C 11486 (Green Gates	Beeston and Holbeck	KFC
Millshaw	Elland Road to End	Beeston and Holbeck	KFC
Ganners Way	Ganners Walk to Newlay Lane	Bramley and Stanningley	KFC
Bellbrooke Street	Bellbrooke Avenue to End	Burmantofts and Richmond Hill	KFC
Brookfield Avenue	Rodley Lane to End	Calverley and Farsley	KF
Carr Hill Road	Carr Hill Drive to Victoria St	Calverley and Farsley	KF
Cherry Tree Drive	Town St to Cherry Tree Cres	Calverley and Farsley	KFC
Moorland Drive	Moorland Road to Moorland Grove	Calverley and Farsley	KFC
Springbank Road	Springbank Rise to Bagley Lane	Calverley and Farsley	KFC
Alberta Avenue	Montreal Avenue to Dominion Ave	Chapel Allerton	KFC
Methley Place	Methley Dr to Zermatt Mt	Chapel Allerton	KF
Methley Place	Zermatt St to Methley Dr	Chapel Allerton	KF
Spencer Place	Harehills Ave to Cowper Street	Chapel Allerton	F
Spencer Place	Cowper Street to Gipton Street	Chapel Allerton	F



## Leeds Capital Highways Maintenance Programme 2018/2020 (PROVISIONAL)

Spencer Place	Gipton St to Roundhay Rd	Chapel Allerton	F
Wilmington Grove	Sackville St to Barrack St.	Chapel Allerton	KFC
Kennerleigh Crescent	Kingswear Cres to Bdy 38/40	Cross Gates and Whinmoor	FC
Kennerleigh Crescent	Bdy 38/40 to Kennerleigh Avenue	Cross Gates and Whinmoor	KFC
Kingswear Crescent	Austhorpe Lane to Bdy 93/95	Cross Gates and Whinmoor	KF
Kingswear Crescent	Bdy 93\95 to Bdy 49\51.	Cross Gates and Whinmoor	KFC
Naburn Close	Sherburn Road North to End	Cross Gates and Whinmoor	KF
Kingsway	Westbourne Drive to Westbourne Grove	Garforth and Swillington	C
Ringway	Lidgett Lane to House No 42	Garforth and Swillington	C
Ringway	House No 42 to House No 66	Garforth and Swillington	C
Ringway	House No 66 to A642 Wakefield Road	Garforth and Swillington	C
Beech Lane	Oakwood Lane to Coldcotes Circus	Gipton and Harehills	KFC
Back Lombard Street	Apperley Ln to Lombard St	Guiseley and Rawdon	C
Back Park View Terrace	Harrogate Road to Park Avenue	Guiseley and Rawdon	C
George Street	Harrogate Road to End	Guiseley and Rawdon	KFC
James Street	Harrogate Road to End	Guiseley and Rawdon	KFC
John Street	Harrogate Road to End	Guiseley and Rawdon	KFC
Park View Terrace	Harrogate Road to Park Avenue	Guiseley and Rawdon	FC
Spenser Road	Ruskin Cres to No 5	Guiseley and Rawdon	F
Granby Place	Granby Road to End	Headingley	C
Harold Grove	Thornville Rd to Queens Rd	Headingley	KF
Harold Place	Thornville Rd to Queens Rd	Headingley	KF
Harold Street	Thornville Rd to Queens Rd	Headingley	KF
The Turnways	Laurel Bank Court to No 61	Headingley	KFC
The Turnways	No 61 to Kirkstall Lane	Headingley	KFC
Henley Close	Town Street to End	Horsforth	KFC
Kelsall Road	Alexandra Rd to Burley Lodge Rd	Hyde Park and Woodhouse	KFC
Pennington Street	Woodhouse St to Lucas Place	Hyde Park and Woodhouse	KFC
St Johns Road	Belle Vue Rd to Victoria St	Hyde Park and Woodhouse	KFC
Ironwood Approach	Tarnside Drive to Mardale Crescent.	Killingbeck and Seacroft	C
Ironwood Approach	Marndale Cres to Ironwood Crescent.	Killingbeck and Seacroft	C
Ironwood Crescent	Foundry Mill St to Foundry Mill St	Killingbeck and Seacroft	C
Kentmere Crescent	Kentmere Ave to Kentmere App	Killingbeck and Seacroft	KFC
Seacroft Crescent	Brooklands Ave to North Parkway	Killingbeck and Seacroft	FC
Park Avenue	O/S No.44 to Opp.No.12	Kippax and Methley	KFC
Westfield Lane	The Drive to Kempton Road	Kippax and Methley	F

### Leeds Capital Highways Maintenance Programme 2018/2020 (PROVISIONAL)

Westfield Lane	Kempton Road to Janesway	Kippax and Methley	F
Beecroft Street	Commercial Road to Kirkstall Hill	Kirkstall	KFC
Beecroft Street Access Road West	Beecroft St (Opp. Milford Sports Club) to End	Kirkstall	KFC
Cranmore Crescent	Cranmore Rise to Cranmore Lane	Middleton Park	KF
Ring Road Middleton	Belle Isle Road to Broom Place	Middleton Park	KFC
Town Street	Sharp Lane to Ring Rd Beeston Park	Middleton Park	KFC
Allerton Grange Rise	Stainburn Terr to Allerton Gr Walk	Moortown	KF
Allerton Grange Rise	Allerton Gr Wk to Allerton Gr Gdns	Moortown	KF
Carr Manor Road	Stainbeck Rd to Opp Hse 165	Moortown	C
Carr Manor Road	Opp Hse 165 to No 97	Moortown	C
Carr Manor Road	No 97 to No 50	Moortown	C
Carr Manor Road	No 50 to King Lane	Moortown	C
Green Road	Church Lane to Os No 79a	Moortown	KFC
Ibbetson Oval	Ibbetson Road to Ibbetson Oval	Morley North	C
Rooms Lane	Victoria Road to Bradstock Gardens	Morley North	KFC
East Park Street	Fountain Street to Scatcherd Lane	Morley South	KFC
Oak Road	New Park Street to 19m Past Pawson Street	Morley South	KFC
Rydal Crescent	Newlands Drive to Newlands Cres	Morley South	KFC
Belmont Avenue	Weston Lane to End	Otley and Yeadon	KF
Haw Lane	Cemetery Rd to 300mts S/E	Otley and Yeadon	C
Haw Lane	300mts S/E to 600mts S/E	Otley and Yeadon	C
Haw Lane	600mts S/E to Haw Avenue	Otley and Yeadon	C
Haw Lane	Hawthorn Rd to Silver Lane	Otley and Yeadon	C
Ivegate	Town St to Well Hill	Otley and Yeadon	KFC
Weston Drive	138 Jct Hollin Gate to 87/89	Otley and Yeadon	F
Weston Drive	87/89 to Meagill Rise	Otley and Yeadon	KF
Lynwood Avenue	Aberford Road / Eshald Lane	Rothwell	KFC
Easterly Avenue	Gipton Wood Ave to Upland Road	Roundhay	FC
Ingledeew Crescent	Ingledeew Dr to Cross Ingledeew Cres	Roundhay	FC
Asket Hill	Easterly Road to Lady Wood Grange	Roundhay	KFC
Asket Hill	Lady Wood Grange to Elmete Way	Roundhay	KFC
Oakwood Walk	Oakwood Grange Lane to End	Roundhay	KFC
Coronation Parade	Cartmell Road to Ullswater Cres	Temple Newsam	C
Field End Road	Bdyno 58 to Bdy No 19/21	Temple Newsam	KFC
Field End Road	Bdy No19/21 to Field End Gardens	Temple Newsam	KFC
Templenewsam Road	Bdy 64\66 to Speed Limit Signs.	Temple Newsam	C

### Leeds Capital Highways Maintenance Programme 2018/2020 (PROVISIONAL)

Linden Way	Beechwood Rise to Hawthorne Ave	Wetherby	KF
North Grove Drive	North Grove Ave to Coxwold Hill	Wetherby	KFC
<b>Local Roads 2019/20 (Provisional)</b>			
Parklands	Parklands Gate to Silver Trees/28	Adel and Wharfedale	C
Parklands	Silvertrees/28 to End No 2	Adel and Wharfedale	C
Parklands Gate	Breary Lane to Parklands	Adel and Wharfedale	C
The Crescent	Otley Road to No 20	Adel and Wharfedale	KF
The Crescent	No 20 to 55/55a	Adel and Wharfedale	KF
The Crescent	55/55a to The Drive	Adel and Wharfedale	KF
Wynmore Avenue	Leeds Road to 11/13	Adel and Wharfedale	KF
Wynmore Avenue	11/13 to Tredgold Ave	Adel and Wharfedale	KF
Gleneagles Road	Birkdale Drive to End	Alwoodley	KF
The Mount	The Fairway to Meadow Way	Alwoodley	KF
The View	The Crescent to Edgbaston Walk	Alwoodley	KFC
Turnberry Drive	Turnberry Ave to End	Alwoodley	KF
Turnberry Grove	Turnberry Drive to End	Alwoodley	KF
Winding Way	The Mount to Meadow Way	Alwoodley	KF
Middleton Lane	End to Leeds Road A61	Ardsley and Robin Hood	C
Halliday Place	Halliday Drive to Halliday Mount	Armley	KFC
Nunnington Street	Armley Park Rd to Aviary Rd	Armley	FC
Nunnington View	Armley Park Rd to Armley Lodge Rd	Armley	FC
Cottingley Road	Cottingley Drive to O/S No 5	Beeston and Holbeck	KFC
Dulverton Gardens	Cottingley Drive to O/S No 20	Beeston and Holbeck	KFC
Recreation Crescent	Cleveley Ave to Crosby Rd	Beeston and Holbeck	KFC
Recreation Row	Crosby Road to Cleveleys Ave	Beeston and Holbeck	KFC
Westland Road	Dewsbury Road to Westland Square	Beeston and Holbeck	C
Broad Lane	Swinnow Lane to End	Bramley and Stanningley	KFC
Calverley Lane	Broad Lane to House 47	Bramley and Stanningley	KFC
Calverley Lane	House 47 to Leeds & Bradford Road	Bramley and Stanningley	KFC
Melbourne Grove	Hough Lane to Hough Grove	Bramley and Stanningley	KFC
Bellbrooke Avenue	Foundry App to Back Coldcotes Ave	Burmantofts and Richmond Hill	KFC
Skelton Road	Ivy Avenue to Ing Road	Burmantofts and Richmond Hill	C
Back Bradford Road	Owlcotes Lane to Woodlands Avenue	Calverley and Farsley	C
Back Bradford Road	Woodlands Avenue to Woodlands Terrace	Calverley and Farsley	C
Frances Street	Old Road to New Street	Calverley and Farsley	KF
Higher Grange Road	Pembroke Drive to Back Richardshaw Lane	Calverley and Farsley	C

### Leeds Capital Highways Maintenance Programme 2018/2020 (PROVISIONAL)

Westdale Drive	Highfield Green to House 39	Calverley and Farsley	KF
Westdale Drive	House 39 to Westdale Grove	Calverley and Farsley	KF
Frankland Place	Cowper Street to Francis Street	Chapel Allerton	KFC
Frankland Place	Francis Street to Louis Street	Chapel Allerton	C
Henconner Crescent	Henconner Avenue to End	Chapel Allerton	KFC
Nassau Place	Leopold Street to Louis Street	Chapel Allerton	C
Reginald Terrace	Chapeltown Rd to Hall Lane	Chapel Allerton	KFC
Scott Hall Crescent	Scott Hall Road to End	Chapel Allerton	KFC
St Martins Grove	St Mrtins Crescent to End	Chapel Allerton	C
Manor Road	Victoria Road to Marshall St	City and Hunslet	KFC
Moor Road	Dewsbury Road to End	City and Hunslet	KFC
Sweet Street West	Rail Way Bridge to Marshall Street	City and Hunslet	KFC
Rockingham Road	Smeaton Approach to End	Cross Gates and Whinmoor	C
Rockingham Way	Rockingham Road to End	Cross Gates and Whinmoor	C
Victoria Road	Coal Road to Roundabout	Cross Gates and Whinmoor	C
Victoria Road	R/Bout	Cross Gates and Whinmoor	C
York Road	Stanks Lane North to House No 2 Pogsons Cottages	Cross Gates and Whinmoor	C
Greenside Close	Greenside Road to O/S No 32	Farnley and Wortley	KFC
Low Moor Side Lane	Whitehall Road to Walsh Lane	Farnley and Wortley	KFC
Low Moor Side Lane	Walsh Lane to Low Moor Side	Farnley and Wortley	KFC
Bacon Street	Spencer Rd to Tennyson St	Guiseley and Rawdon	F
Canada Terrace	Canada Road to Canada Crescent	Guiseley and Rawdon	C
Salisbury Street	Micklefield Lane to End	Guiseley and Rawdon	KFC
Southgate	Hawthorn Ln (House 1) to Westgate	Guiseley and Rawdon	CKFC
Southgate	Outside House 2 to Hawthorn Lane	Guiseley and Rawdon	C
Tennyson Street	Queens Way to Masefield St	Guiseley and Rawdon	F
Tennyson Street	Masefield St to Spencer Rd	Guiseley and Rawdon	F
Belle Vue Avenue	Rakehill Road to Bdy 64/62	Harewood	C
Belle Vue Avenue	Bdy 64\62 to Bdy 16\18.	Harewood	C
Belle Vue Avenue	Bdy 16\18 to Belle Vue Road	Harewood	C
Shadwell Park Avenue	Shadwell Park Dr to Shadwell Lane	Harewood	KF
North Hill Road	Headingley Ln to House N0 5	Headingley	KFC
North Hill Road	House N0 5 to Ridge Field Flats	Headingley	KFC
Clarence Road	New Rd Side to Low Wood S/L 7	Horsforth	KFC
St Margarets Road	Old Ball to 27	Horsforth	KFC
Holborn Street	Holborn Approach to End	Hyde Park and Woodhouse	KFC

**Leeds Capital Highways Maintenance Programme 2018/2020 (PROVISIONAL)**

Baileys Lawn	Baileys Hill to End	Killingbeck and Seacroft	C
Boggart Hill	Asket Drive to Boggart Hill Road	Killingbeck and Seacroft	C
Boggart Hill Road	Boggart Hill Drive to The Rein	Killingbeck and Seacroft	C
Brian Crescent	Cross Gates Lane to Sandway	Killingbeck and Seacroft	KFC
Grange Park Crescent	Grange Park Rise to Dibb Lane	Killingbeck and Seacroft	KFC
Hopewell Terrace	High Street to O/S No.8.	Kippax and Methley	C
Malkiln Lane	High Street to End.	Kippax and Methley	C
Moorgate Road	House No 37 to House No 21	Kippax and Methley	KF
Moorgate Road	House No 119 to House No 129	Kippax and Methley	KF
Well Lane	Leeds Road to L/Col.2.	Kippax and Methley	C
Well Lane	L/Col.2 to End.	Kippax and Methley	C
St Matthias Street	Burley Road to St Matthias Grove	Kirkstall	KFC
Stanmore Hill	Cardigan Lane to Lumley Road	Kirkstall	KFC
Raylands Way	Raylands Lane to Cranmore Road	Middleton Park	FC
Barthorpe Avenue	Carr Man Parade to Barthorpe Cres	Moortown	KFC
Barthorpe Crescent	Stainbeck Rd to Scott Hall Road	Moortown	KFC
Carr Manor Drive	Carr Manor Parade to 36/38	Moortown	KFC
Carr Manor Drive	36/38 to Carr Manor View	Moortown	KFC
Carr Manor Parade	Barthorpe Ave to Scott Hall Road	Moortown	KFC
Church Crescent	Queenshill Ave to Ring Road	Moortown	KFC
Croft House Avenue	King George Ave to Croft House Gdn	Morley North	KFC
Harwill Croft	Harwill Road to O/S No 24	Morley North	FC
Commercial Street	Albion Street to Middleton Road	Morley South	KFC
Newlands Crescent	Newlands Drive to Newlands Drive (House No. 61)	Morley South	KFC
Caxton Road	Opp 10 to End	Otley and Yeadon	KFC
Farnley Lane	O/S Hse 52 to O/S Hse 70	Otley and Yeadon	KFC
Uppermoor Close	Uppermoor to End	Pudsey	KFC
Dean Avenue	Oakwell Ave to Gledhow Wood Rd	Roundhay	KFC
Denton Avenue	Lidgett Lane to End	Roundhay	KFC
Earlwood Avenue	Bideford Ave to Westcombe Ave	Roundhay	KFC
Kingswood Avenue	Kedleston Rd to West Pk Drive West	Roundhay	KF
Lincombe Drive	Larkhill Rd to Turning Circle 2nd O/S Hse 76	Roundhay	KFC
Lincombe Drive	Turning Circle O/Sd Hse 76 to Lincombe Bank	Roundhay	KFC
Lincombe Drive	Lincombe Bank to Lincombe Rise	Roundhay	KFC
Lincombe Drive	Lincombe Rise to Brackenwood Dr	Roundhay	KFC
North Lane	72 Grove Lodge to North Grove Rise	Roundhay	F

Leeds Capital Highways Maintenance Programme 2018/2020 (PROVISIONAL)			
North Lane	North Grove Rise to A58	Roundhay	C
Tatham Way	Oakwood Grange Lane to End	Roundhay	KF
Upland Grove	Upland Rd to Rossington Rd	Roundhay	C
Upland Grove	Rossington Rd to Copgrove Road	Roundhay	C
Bullerthorpe Lane	Stile Hill Way Roundabout to Dead End (A6120)	Temple Newsam	C
Haigh Wood Crescent	Holly Avenue to End	Weetwood	KFC
Helmsley Drive	Welburn Ave to Harrowby Rd	Weetwood	KF
Hollin Mount	Hollin Road to End	Weetwood	KFC
Moor Park Drive	Moor Rd to Moor Park Mount	Weetwood	KFC
Moor Park Villas	Moor Road to End	Weetwood	KFC
Spennithorne Avenue	Spennithorne Dr to Spen Lane	Weetwood	KFC
Spennithorne Drive	Spen Lane to Otley Old Road	Weetwood	KF
Weetwood Court	Weetwood Ln to Weetwood Ln (C'wise)	Weetwood	FC
Woodnook Drive	Silkmill Cl to Silkmill Rd	Weetwood	KFC

North Lane	North Grove Rise to A58	Roundhay	C
Tatham Way	Oakwood Grange Lane to End	Roundhay	KF
Upland Grove	Upland Rd to Rossington Rd	Roundhay	C
Upland Grove	Rossington Rd to Copgrove Road	Roundhay	C
Bullerthorpe Lane	Stile Hill Way Roundabout to Dead End (A6120)	Temple Newsam	C
Haigh Wood Crescent	Holly Avenue to End	Weetwood	KFC
Helmsley Drive	Welburn Ave to Harrowby Rd	Weetwood	KF
Hollin Mount	Hollin Road to End	Weetwood	KFC
Moor Park Drive	Moor Rd to Moor Park Mount	Weetwood	KFC
Moor Park Villas	Moor Road to End	Weetwood	KFC
Spennithorne Avenue	Spennithorne Dr to Spen Lane	Weetwood	KFC
Spennithorne Drive	Spen Lane to Otley Old Road	Weetwood	KF
Weetwood Court	Weetwood Ln to Weetwood Ln (C'wise)	Weetwood	FC
Woodnook Drive	Silkmill Cl to Silkmill Rd	Weetwood	KFC

**Revenue Highway Maintenance Programme 2017/2018 (For Information Only)**

<b>Programme Area</b>			<b>Estimated Cost</b>
<p><b>Local Roads Pre-patching for 2018/19 Preventative Maintenance Programme</b> A supplementary programme of pre-patching works for the preventative carriageway works programme to the local road network. The locations will be identified during 2017/18 with the work carried out in 2017/18, to ensure the preventative works programme can be carried out without delay in 2018/19.</p>			<b>£308,110</b>
<p><b>Local Roads Preventative footway Maintenance</b> A programme of Preventative footway Maintenance schemes to the Local Road network. This is made up of Footway Sealing Schemes on Local Roads.</p>			
<b>Street</b>	<b>Extents</b>	<b>Ward</b>	
<b>Street</b>	<b>Extents</b>	<b>Ward</b>	
Hall Close	Hall Rise to End	Adel and Wharfedale	
Hall Rise	Leeds Rd to Cornerstones. 33	Adel and Wharfedale	
Hall Rise	No 33 to No 12	Adel and Wharfedale	
Hall Rise	No 12 to Creskeld Drive	Adel and Wharfedale	
Hall Rise Close	Hall Rise to End	Adel and Wharfedale	
Wellhead Close	Hall Rise to End	Adel and Wharfedale	
Bidder Drive	Forest Ridge to End	Ardsley and Robin Hood	
Buckthorne Close	Buckthorne Drive to O/S No12 L/C3	Ardsley and Robin Hood	
Buckthorne Court	Buckthorne Drive to Ramp Start Block Paviers	Ardsley and Robin Hood	
Buckthorne Drive	Moor Knoll Lane to Ramp Start Block Paviers Lc15	Ardsley and Robin Hood	
Buckthorne Fold	Buckthorne Drive to O/S No3-5	Ardsley and Robin Hood	
Forest Ridge	Common Lane to End	Ardsley and Robin Hood	
Hill Top Lane	Batley Road to End Lc11	Ardsley and Robin Hood	
Abbey Avenue	Kirkstall Avenue to End	Armley	
Abbey Mount	Raynville Rd to Victoria Pk Ave	Armley	
Abbey Terrace	Victoria Pk Ave to Abbey Ave	Armley	
Back Kirkstall Avenue	Broad La to Kirkstall Ave	Armley	
Boston Avenue	Abbey Avenue to End	Armley	
Kirkstall Avenue	Raynville Road to Broad Lane	Armley	
Kirkstall Mount	Raynville Road to Broad Lane	Armley	
Lancastre Avenue	Raynville Rd to Victoria Park Ave	Armley	
Lancastre Avenue	Victoria Park Gro to Broad La	Armley	
Lancastre Grove	Raynville Road to Broad Lane	Armley	
Vickers Avenue	Abbey Avenue to End	Armley	
Victoria Park Avenue	End to Kirkstall Mt	Armley	
Brown Hill Crescent	Hudson Road to Sutherland Road	Burmantofts and Richmond Hill	
Hudson Road	Compton Road to Lupton Avenue	Burmantofts and Richmond Hill	

**Revenue Highway Maintenance Programme 2017/2018 (For Information Only)**

Hollis Place	Westfield Road to Burley Road	Hyde Park and Woodhouse	
Westfield Crescent	Westfield Rd to Burley Rd	Hyde Park and Woodhouse	
Westfield Road	Woodsley Road to New School Playground	Hyde Park and Woodhouse	
Westfield Road	New School Playground to Park Lane	Hyde Park and Woodhouse	
Westfield Terrace	Westfield Road to Burley Road	Hyde Park and Woodhouse	
Moorgate Avenue	Leeds Road to End	Kippax and Methley	
Moorgate Avenue	Leeds Road to End	Kippax and Methley	
The Crescent	The Drive to The Rise.	Kippax and Methley	
Avocet Garth	Shelldrake Drive to End	Middleton Park	
Dunlin Drive	Sanderling Way to Sharp Lane	Middleton Park	
Fulmar Court	Shelldrake Drive to End	Middleton Park	
Sanderling Garth	Sanderling Way to End	Middleton Park	
Sanderling Way	Town Street to End	Middleton Park	
Shelldrake Drive	Town Street to End	Middleton Park	
The Whartons	The Gills to 43/45	Otley and Yeadon	
The Whartons	43/45 to Opp 91	Otley and Yeadon	
The Whartons	Wrenbeck Drive to School	Otley and Yeadon	
The Whartons	Opp 50 to End	Otley and Yeadon	
The Whartons	Opp 20 to End	Otley and Yeadon	
The Whartons	Opp 12 to End	Otley and Yeadon	
The Whartons	Opp 12 to End	Otley and Yeadon	
Castlefields	Wakefield Road to House No 21	Rothwell	
Castlefields	Rear Leeds Road House 54 to House No 84	Rothwell	
Castlefields	House No 28 to Start Paved Kingsfield	Rothwell	
Castlefields	Opp Hse 25 to House No 62	Rothwell	
Elmete Avenue	North Ln to Wetherby Rd	Roundhay	
Elmete Grove	Elmete Avenue to End	Roundhay	
Princes Avenue	Wetherby Road to S/L 14	Roundhay	
Princes Avenue	S/L 14 to S/L 23	Roundhay	
Princes Avenue	S/L 23 to S/L32	Roundhay	
Princes Avenue	S/L 32 to Lidgett Park Road	Roundhay	
Princes Avenue	Lidgett Park Rd to Canal Gardens Gate	Roundhay	
The Laurels	Gledhow Lane to End	Roundhay	
<b>Total Local Roads Footway Preventative Maintenance</b>			<b>£103,000</b>



<b>Revenue Highway Maintenance Programme 2017/2018 (For Information Only)</b>	
<b>Century Way</b> additional revenue funding approved by Strategic Investment Board as detailed in paragraph 2.21	<b>£101,168</b>
<b>Drainage Schemes</b> A programme of localised drainage schemes where water flowing over and standing on the carriageway can compromise the condition of the foundation of the road and result in long term damage or compromise safety, or where water flowing off the highway may cause damage to private property.	<b>£50,000</b>
<b>Total Revenue Work on Local Roads Preventative Maintenance 2017/18</b>	<b>£562,278</b>
<b>Reactive and Routine Maintenance</b> 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.	<b>£4,150,000</b>
<b>Total Leeds Revenue Highway Maintenance</b>	<b>£4,712,278</b>

# Appendix E

## Equality, Diversity, Cohesion and Integration Screening



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

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

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

<b>Directorate: City Development</b>	<b>Service area: Highways &amp; Transportation</b>
<b>Lead person: Andrew Bellamy</b>	<b>Contact number: 77552</b>

<b>1. Title: Local Transport Plan Funded Highway Maintenance Programme 2017-20</b>		
Is this a:		
<input type="checkbox"/> <b>Strategy / Policy</b>	<input checked="" type="checkbox"/> <b>Service / Function</b>	<input type="checkbox"/> <b>Other</b>
<b>If other, please specify</b>		

<b>2. Please provide a brief description of what you are screening</b>
This screening focuses on the highway maintenance programme funded from Local Transport Plan budget. This programme is targeted at the Principal and other main roads in Leeds that make up a strategic network of roads.

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

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

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

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

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

<p><b>4. Considering the impact on equality, diversity, cohesion and integration</b></p> <p>If you can demonstrate you have considered how your proposals impact on equality, diversity, cohesion and integration you have carried out an impact assessment.</p> <p>Please provide specific details for all three areas below (use the prompts for guidance).</p> <ul style="list-style-type: none"> <li>• <b>How have you considered equality, diversity, cohesion and integration?</b>            (think about the scope of the proposal, who is likely to be affected, equality related information, gaps in information and plans to address, consultation and engagement activities (taken place or planned) with those likely to be affected)</li> </ul> <p>An Impact Assessment on Highway Service Maintenance activities was carried completed in April 2008. This focussed on the 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"> <li>• <b>Key findings</b>            (think about any potential positive and negative impact on different equality characteristics, potential to promote strong and positive relationships between groups, potential to bring groups/communities into increased contact with each other, perception that the proposal could benefit one group at the expense of another)</li> </ul> <ol style="list-style-type: none"> <li>1. There are issues with some communities having the perception that other areas receive a better service more road maintenance; they fail to believe that allocation is based on need.</li> <li>2. Highway maintenance work is an opportunity to provide improved mobility features.</li> <li>3. Consultation with Councillors and Area Management Teams is proactive with other stakeholders soundings are taken through focus groups and scheme specific correspondence.</li> </ol> <ul style="list-style-type: none"> <li>• <b>Actions</b>            (think about how you will promote positive impact and remove/ reduce negative impact)</li> </ul> <ol style="list-style-type: none"> <li>1. Refresh the EIA conducted in 2008</li> <li>2. Continue to select work based on objective condition assessment from machine base surveys and allocate on a needs basis as per the Policy Statement and Plan and have a greater transparency on where money is spent.</li> </ol>
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3. Take every opportunity during maintenance work to provide dropped crossings at road junctions to aid those people with mobility problems.
4. Continue with letter drops to residents affected by maintenance work which includes the encouragement and gives opportunity for anyone with a special need or is disabled to have a contact point to discuss the immediate impact of the scheme.
5. Also continue with customer feedback surveys which can be analysed for equality issues as well as comment on schemes' outturns.

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

Date to scope and plan your impact assessment:	
--	--

Date to complete your impact assessment	
---	--

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

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

Please send a copy to the Equality Team for publishing

<b>Date screening completed</b>	
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<b>Date sent to Equality Team</b>	
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<b>Date published</b>	
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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.

<b>Directorate: City Development</b>	<b>Service area: Highways &amp; Transportation</b>
<b>Lead person: Andrew Bellamy</b>	<b>Contact number: 77552</b>

**1. Title: Leeds Capital Funded Highway Maintenance Programme 2017-20**

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 focuses on the highway maintenance programme funded from Leeds council's own capital budget. This programme covers works to improve the overall condition of residential and other unclassified roads in Leeds. Generally this work will refurbish streets including all necessary work to carriageway, footway, kerbs, and verges.

**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?		<b>X</b>
Could the proposal affect our workforce or employment practices?		<b>X</b>
Does the proposal involve or will it have an impact on <ul style="list-style-type: none"> <li>4. Eliminating unlawful discrimination, victimisation and harassment</li> <li>5. Advancing equality of opportunity</li> <li>6. Fostering good relations</li> </ul>		<b>X</b>

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

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

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

<b>4. Considering the impact on equality, diversity, cohesion and integration</b>
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).
<ul style="list-style-type: none"> <li>• <b>How have you considered equality, diversity, cohesion and integration?</b> (think about the scope of the proposal, who is likely to be affected, equality related information, gaps in information and plans to address, consultation and engagement activities (taken place or planned) with those likely to be affected)</li> </ul> <p>An Impact Assessment on Highway Service Maintenance activities was carried completed in April 2008. This focussed on the 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"> <li>• <b>Key findings</b> (think about any potential positive and negative impact on different equality characteristics, potential to promote strong and positive relationships between groups, potential to bring groups/communities into increased contact with each other, perception that the proposal could benefit one group at the expense of another)</li> </ul> <p>Key findings from both EIA’s were as follows:</p> <p>Positive Impacts</p> <ol style="list-style-type: none"> <li>1. 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.</li> <li>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.</li> </ol> <p>Negative Impacts</p> <ol style="list-style-type: none"> <li>1. 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</li> </ol>

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

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

Date to scope and plan your impact assessment:

Date to complete your impact assessment

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

**6. Governance, ownership and approval**

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

**Name**

**Job title**

**Date**

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.

<b>Directorate: City Development</b>	<b>Service area: Highways &amp; Transportation</b>
<b>Lead person: Andrew Bellamy</b>	<b>Contact number: 77552</b>

### 1. Title: Revenue Funded Highway Maintenance Programme 2017-18

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

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

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

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

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

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

<b>Name</b>	<b>Job title</b>	<b>Date</b>
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

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

# Appendix H

## Equality, Diversity, Cohesion and Integration Screening



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

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

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

<b>Directorate:</b> City Development	<b>Service area:</b> Highways & Transportation, Engineering Services - Bridges
<b>Lead person:</b> Claire Richardson	<b>Contact number:</b> 0113 2475719

### 1. Title: Highways Structures Capital Maintenance and Strengthening Plan 2017/18 to 2019/20

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 2017/18 to 2019/10. The maintenance and strengthening capital budget for 2017/18 is in the region of £5.986 million, however, the exact figure is yet to be confirmed. Similar funding is anticipated for 2018/19 and 2019/20.

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 <ul style="list-style-type: none"> <li>4. Eliminating unlawful discrimination, victimisation and harassment</li> <li>5. Advancing equality of opportunity</li> <li>6. Fostering good relations</li> </ul>		x

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

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

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

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

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

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

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

### **Background Information**

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

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

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

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

### **Risk Assessments**

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

### **Community Safety**

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

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

### **Consultation**

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

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

### **Transparency in Decision Making**

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

- **Key findings**

**(think about** any potential positive and negative impact on different equality characteristics, potential to promote strong and positive relationships between groups, potential to bring groups/communities into increased contact with each other, perception

that the proposal could benefit one group at the expense of another)

N/A

- **Actions**

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

N/A

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

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

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

<b>Name</b>	<b>Job title</b>	<b>Date</b>
Claire Richardson	Bridges Group Manager	10/02/2017

**7. Publishing**

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

Please send a copy to the Equality Team for publishing

<b>Date screening completed</b>	10/02/2017
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<b>Date sent to Equality Team</b>	
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<b>Date published</b> (To be completed by the Equality Team)	
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