

# Cabinet Meeting

## 26 April 2017

<b>Report title</b>	Transportation Capital Programme – 2017/18 and future years	
<b>Decision designation</b>	AMBER	
<b>Cabinet member with lead responsibility</b>	Councillor Steve Evans, City Environment	
<b>Key decision</b>	Yes	
<b>In forward plan</b>	Yes	
<b>Wards affected</b>	All	
<b>Accountable director</b>	Ross Cook, City Environment	
<b>Originating service</b>	Transportation	
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<b>Report to be/has been considered by</b>	Keeping the City Moving Board	16 March 2017
	Place Leadership Team	3 April 2017
	Strategic Executive Board	11 April 2017

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### Recommendation(s) for action or decision:

The Cabinet is recommended to:

1. Agree the list of projects for development and implementation as part of the Transportation Capital Programme 2017/18 and future years, as set out in appendices B and C.
2. Authorise the Head of Strategic Transportation and the Head of Highways Network to proceed with development work for each project on the list including surveying, site

investigation, options appraisal, feasibility analysis, traffic modelling, detailed design, statutory advertising and public consultation, as appropriate.

3. Approve the projects marked 'Approve' in the 'Approval' column of appendix B for implementation, subject to the availability of funding.
4. Authorise the Cabinet Member for City Environment, in consultation with the Service Director, City Environment to approve, through an Individual Executive Decision Notice, implementation of the projects on the list marked 'IEDN' in the 'Approval' column of appendix B, subject to the satisfactory outcome of public consultation, availability of funding and any other relevant considerations.
5. Authorise the Cabinet Member for City Environment, in consultation with the Service Director, City Environment to approve, through an Individual Executive Decision Notice, the bringing forward of projects from appendix C to appendix B and thereafter to approve them for implementation during 2017/18 subject to the satisfactory outcome of public consultation, availability of funding and any other relevant considerations.
6. Agree to receive further reports at the appropriate times in order to obtain the necessary authority to construct the projects marked 'Cabinet' in the 'Approval' column of appendix B.
7. Authorise the Director of Governance to serve all necessary notices in respect of the projects listed in appendix B and, subject to there being no unresolved objections, make traffic regulation orders as required.
8. Authorise the Director of Finance to enter into funding agreements with the various funding bodies to receive grant funding in respect of the projects included in the report.
9. Approve the delegation of authority to the Cabinet Member for City Environment and the Cabinet Member for Resources, in consultation with the Strategic Director for Place and Director of Finance to approve capital budgets for transport schemes upon receipt of a grant offer letter.

### **Recommendations for noting:**

The Cabinet is asked to note:

1. The expenditure and progress made in delivering the projects in the Transportation Capital Programme during 2016/17, as set out in appendix A.
2. The Council's continuing success in bidding for additional funding and delivering new projects through the Highway Maintenance Challenge Fund, the Local Pinch Point Fund, the Access to Growth Fund, the Managing Short Trips programme and more recently the National Productivity Investment Fund.

## **1.0 Purpose**

- 1.1 To seek approval to a programme of capital funded projects to develop and maintain the transportation network for the financial year 2017/18 and future years, subject to available resources and annual review. Cabinet is also asked to note the expenditure and progress made in delivering the projects in the Transportation Capital Programme during 2016/17.

## **2.0 Background**

- 2.1 The Council's transportation capital programme includes separate allocations each year for the development of the highways network and for capital maintenance of the existing network. The programmes are predominantly funded by Central Government via annual grant allocations from the Department for Transport (DfT), known as the Integrated Transport Block Grant and the Highways Maintenance Block Grant. These grants are supplemented by Council prudential borrowing and third party funding secured through planning obligations or agreements through section 278 or section 38 of the Highways Act.
- 2.2 In recent years the level of grant funding available to highway authorities via the annual block grants has been significantly reduced. At the same time there has been a corresponding increase in the funding available through competitive bidding processes, either directly from DfT (e.g. Local Pinch Point Fund, Local Sustainable Transport Fund, Highway Maintenance Challenge Fund) or via other organisations (e.g. Local Growth Fund, managed by the Black Country Local Enterprise Partnership).
- 2.3 This report seeks approval to a list of projects for implementation during the financial year 2017/18 and a further list of projects for which development work should be authorised with a view to implementation in future years subject to funding availability.
- 2.4 This approach recognises the need to develop a 'pipeline' of future projects by undertaking the initial work that might be necessary to get projects 'shovel ready'. Such work might include traffic modelling, feasibility, site investigation, detailed design and public consultation, among other activities. This enables the programme to be flexible, dynamic and able to respond to changing circumstances in terms of funding availability; this is particularly the case in the current climate where transport governance and future funding arrangements are in the process of review.
- 2.5 This approach also allows better management of budgets with the ability to bring forward alternative projects to accommodate any slippage within the programme or to react to changed circumstances or new funding opportunities. This flexibility and 'pipeline' approach has allowed the Council to bid successfully for a number of major projects and secure more than £55 million in additional external funding for transport projects in Wolverhampton since 2012.
- 2.6 The priority given to each scheme will depend on a number of factors including the results of public consultation, liaison with the Cabinet Member, ward councillors, accident

records, highway condition survey data, etc. There will also be progress reports submitted to councillors at least annually to provide an update on the work completed; review the priorities for future work; add further projects to the List of Projects for Development; and seek the necessary approvals for the development and delivery of projects as required.

- 2.7 The programme has been developed to take account of a number of 'key transport priorities' for the City of Wolverhampton that have been developed in conjunction with the Council's regional partners to support the regeneration of the city and the wider Combined Authority agenda. These include the Stafford Road, Willenhall Road and Birmingham Road corridors; improvements to the ring road and arterial route network; further development of the city's cycle network; and enhancing the public realm in the city centre.
- 2.8 The Interchange project is now well under way and includes redevelopment of the railway station and extension of Midland Metro to the station. The project is being delivered with external partners and falls outside the Transportation Capital Programme but it remains a key transport priority for the city.
- 2.9 The projects undertaken during 2016/17, and the anticipated outturn on each, are set out in the table at appendix A. Councillors are requested to note the successful delivery of the Transportation Capital Programme this year.
- 2.10 The proposed projects that form the Transportation Capital Programme for 2017/18 are set out in appendix B, while the projects for development for future years are set out in appendix C. The estimated cost of each scheme is indicated, although costs will be refined as each scheme progresses through the feasibility/design/consultation process. There is an intentional 'over-programming' of projects to reflect the reality that some projects will inevitably be delayed due to unexpected circumstances or changes to priorities. The various work programmes, and the individual projects which make up those programmes, will be managed within the available resources for the relevant financial year and in accordance with the Authority's developing priorities.
- 2.11 Plans A to D at the back of this report show the locations of many of the key projects included in the programme. Plan A shows projects undertaken during 2016/17, as appendix A. Plan B aligns with appendix B and shows this year's projects. Plan C shows projects for development in future years, in accordance with appendix C. Plan D is a composite 'all years' plan. There is also a plan titled 'Cycle Strategy' which illustrates how proposed cycle improvement projects link with the existing cycle network.

### **3.0 Proposed delivery programme**

- 3.1 The right hand column in appendix B indicates the approval status of each scheme in the programme.
- Projects marked 'Approve' indicates that Cabinet is requested to approve the project for implementation (or to confirm approval in the case of projects that were previously approved); this category typically applies to projects where a separate

consultation with local residents/businesses is not required because they do not involve any significant change to the network.

- Projects marked 'IEDN' are generally those which require a public consultation exercise to be undertaken before the design can be finalised and therefore this report seeks delegated authority to the Cabinet Member for City Environment, in consultation with the Service Director, City Environment to approve implementation through an Individual Executive Decision Notice.
- Projects marked 'Cabinet' are those for which a separate report is intended to be brought to Cabinet at the appropriate time, seeking approval to implement the project. These are generally projects with a high value (in excess of £1.0 million) or a high public profile.

3.2 Cabinet is requested to approve the projects in appendix C for development in anticipation of them being implemented in future years. 'Development' may include surveying, site investigation, options appraisal, feasibility analysis, traffic modelling, detailed design, statutory advertising and public consultation, among other activities. Approval is also requested to delegate authority, by means of an IEDN, for projects in appendix C to be brought forward into 2017/18 if necessary to respond to changes in priorities and provide the necessary flexibility in the programme.

3.3 Delivery of the programme will be achieved using a combination of the Council's own employees and external contractors.

3.4 Employees will seek to deliver the programme in the most cost effective way and minimise the impact on communities and highway users by, wherever possible, co-ordinating maintenance projects with those for developing and improving the highway network.

3.5 The programme contains nine separate components of which five relate to network development and four are capital maintenance. These are as follows:

**(i) Network Development**

3.6 **Local Growth Fund.** The programme includes a number of major projects funded (or intended to be funded) through the Local Growth Fund's 'Access to Growth' and 'Managing Short Trips' packages. These projects aim to unlock growth and development through investment in transport infrastructure. The fund is managed by the Black Country Local Enterprise Partnership (LEP). New Access to Growth projects referred to in this report include the proposed Wolverhampton to Willenhall Metro Extension and Stafford Road M54 to Springfield Lane.

3.7 **Highway Improvement Programme.** This category includes projects that will have a significant impact on the network in reducing congestion and improving access to regeneration and development sites, thereby helping to encourage economic growth. Such projects tend to be medium to large in scale and significant in both cost and benefit terms. They are funded primarily through the IT Block grant, supplemented in some cases by developers' contributions or individual project grants direct from DfT. This section also includes one project, A4124 Traffic Signal Upgrades, that is the subject of a successful bid to the recently introduced National Productivity Investment Fund (NPIF).

- 3.8 **Local Safety Programme.** This programme has been a major contributory factor in the reduced number and severity of road traffic personal injury accidents in Wolverhampton; from more than 1000 in 2001 to 440 in 2016. The programme is developed using a prioritisation process in which each location is assessed on a range of factors including accident history, traffic flow, vehicle speeds and community surroundings. Potential projects are included in the programme based on issues that have been identified, often by local residents and businesses, as traffic management or road safety concerns. However, the list of projects requested is extensive and the prioritisation process means that some locations may remain on the list for many years.
- 3.9 **Cycling Programme.** This is a programme of minor projects to assist cyclists and promote cycling. Many of the projects are identified through liaison with local cycling groups and the City Council's Cycle Forum and all accord with the adopted Cycle Strategy.
- 3.10 **Safer Routes to Schools Programme.** This programme contains projects which are developed in conjunction with schools with the aim of tackling road safety concerns, reducing traffic congestion, improving air quality, and localised on-street parking problems. The programme contributes to the Council's objectives in relation to tackling child obesity and improved fitness by encouraging children to walk and cycle to school rather than being driven to school.

(ii) **Capital Maintenance**

- 3.11 **Capital Maintenance of Classified Roads.** This programme involves reconstruction and resurfacing of classified (A, B and C class) roads and is funded primarily from the Highway Capital Maintenance Block Grant for highways. The priority given to each scheme will depend on a number of factors including condition survey data, maintenance records, visual inspections, customer complaints and ward councillor requests. The approach accords with the Council's Highway Asset Management Plan. The programme will be managed within the available resources each financial year and in accordance with developing priorities. This programme has been boosted during the past two years by the Council's successful bid to the Highway Maintenance Challenge Fund (see 3.15 below).
- 3.12 **Capital Maintenance of Unclassified Roads.** This programme covers the 'minor' roads in the network and includes both carriageway and footway resurfacing. As with classified roads, the projects to be implemented each year will depend on the availability of funding and the relative priority of each scheme. Included within the programme are a number of projects for re-paving worn out footways and pedestrian areas within the city centre core retail area, such as Dudley Street, Lichfield Street and Victoria Street. These projects will build on the work already undertaken to enhance the city centre public realm and make the retail core a more attractive, vibrant place for shoppers and visitors.
- 3.13 **Highway Structures.** The Council is responsible for approximately 120 bridges, subway, footbridges and retaining walls, which are inspected on a two year cycle. Defects identified are then programmed to be dealt with, where practical, from this budget. Larger

projects such as bridge strengthening or replacement will usually require separate funding and will involve applying for specific government grants.

- 3.14 **Other Programmes.** The **Disabled Access** programme is a package of measures to improve the accessibility of our footway network for users with physical or sensory disabilities. The **Street Lighting Replacement Programme** is developed using the established street lighting prioritisation process for replacing worn out columns and upgrading to new energy efficient lighting. **Non-highway Structures** relates to maintenance work on bridges that are within the Council's ownership and therefore not funded from Transportation budgets but the work is nevertheless managed through the Transportation Capital Programme.
- 3.15 The programme for capital maintenance of classified roads has received a substantial boost from the Highway Maintenance Challenge Fund. Wolverhampton submitted a successful joint bid to DfT with the other Black Country authorities for the 'West Midlands Classified Network Renewal Project'. Wolverhampton's share of the award is £5.9 million spread over a three year period, 2015/16 to 2017/18, with the bulk of the money being available in years 2 and 3. The money is in addition to the Highway Capital Maintenance Block grant and allows the Council to make significant progress in addressing the backlog of highway maintenance work on the classified road network. The Council has submitted two bids for the second tranche of the Local Highways Maintenance Challenge Fund. The projects have been included in the capital programme in Appendix B for implementation, subject to the availability of funding and confirmation of a successful bid outcome
- 3.16 This year's programme includes one flood relief project to address persistent flooding of properties at Waterhead Brook, Underhill. The brook is on the boundary with Staffordshire and the project will be promoted in partnership with Staffordshire County Council. It is expected to be funded primarily through central government grant funding available to deal with local flooding issues.
- 3.17 The capital expenditure on the reconstruction and resurfacing of roads and footways, as part of a planned Asset Management programme, has the effect of reducing the need for reactive maintenance and hence the pressure on the Council's revenue budget for maintaining the highway network. It has also been shown to reduce the number (and cost) of insurance claims against the Council.

#### **4.0 Financial implications**

- 4.1 The Capital Programme 2016/17 to 2020/21 quarter three review and 2017/18 to 2021/22 budget strategy was approved by Council on 1 March 2017. The Transportation capital programme (Network Development programme and Capital Maintenance programme) is made up of a series of individual projects and programmes of works totalling £38.8 million over the period of 2016/17 to 2021/22. For 2017/18 the approved budget is in the region of £9.1 million.
- 4.2 These budgets are funded from a range of sources including Prudential Borrowing, DfT Integrated Transport and Highways Capital Maintenance block grants, section 278 / section 38 funding as well as DfT grants for individual major projects. DfT Integrated

Transport allocations available for use across the workstreams are held within the Highway Improvements workstream until projects are developed against this and the other workstreams. Similarly, DfT Highways Capital Maintenance block allocations are held against the Maintenance of Unclassified Roads workstream until projects are developed against this and the other workstreams.

- 4.3 The programme is predominately funded from DfT grant, developer contributions and other external grants. However, the Council utilises borrowing to fund a number of development projects either as match funding or in relation to the inclusion of 'spend to save' investment work programmes.
- 4.4 This report focuses on development projects for 2017/18 and future years and the anticipated outturn for 2016/17. Appendix A provides the latest forecast for 2016/17 indicating a total outturn of £13.3 million against an approved budget of £16.1 million. The details of the final outturn position, along with any associated slippage will be reported to Councillors as part of the Capital programme Outturn 2016/17 and Quarter one 2017/18 report.
- 4.5 The proposed package of projects shown in the table at Appendices B and C will be developed and managed within the resources available and further developed over the period 2017/18 to 2018/19. Cost estimates will be refined as projects are developed to produce a detailed design and identification of other costs such as service diversions. As indicated in paragraph 2.10, there is an intentional 'over-programming' of projects to reflect the reality that some projects will inevitably be delayed due to unexpected circumstances or changes to priorities. Over-programming aims to ensure that, as far as possible, the resources available are fully utilised.
- 4.6 It should be noted that Appendices B and C include a number of schemes that are subject to recent additional grant confirmation or are awaiting a confirmed grant offer. These are not currently assumed in the approved capital programme and are in addition to the budget allocation provided above in 4.1. These schemes include;
- Two Highway Maintenance Challenge Fund (Tranche 2) bids which have recently been submitted relating to schemes at Oxbarn Avenue / Waterstones Road and Arthur Street bridge. Works are expected to total in the region of £1.4 million. Both bids, if successful, could secure up to £1.3 million of grant funding and be supported by local contributions in the region of £100,000.
  - Flood defence works at Waterhead Brook which are subject to a grant funding application, potentially securing £45,000 of grant funding supported by a local contribution of £30,000.
  - The A4124 Traffic Signal Upgrades scheme which has attracted National Productivity Investment Funding of £500,000 and the Wolverhampton to Willenhall Metro and Stafford Road M54 to Springfield Lane schemes that have attracted £250,000 of Local Growth Funding under the Access to Growth programme.

[TT/06042017/V]



## **5.0 Legal implications**

- 5.1 Under section 41 of the Highways Act 1980 the Council, as the highway authority, is under a duty to maintain public highways.
- 5.2 Where appropriate, legal advice will be obtained in respect of the various projects as and when they become operational in respect of matters arising under the Highways Act 1980, the Town and Country Planning Acts and other relevant legislation.  
[RB/28032017/T]

## **6.0 Equalities implications**

- 6.1 Equalities assessments will be undertaken for projects and programmes as appropriate and in accordance with City Council policies and agreed protocols. Full and detailed consultation will be undertaken before projects are commenced and in the event of objections being received, these will be taken into consideration and the scheme modified if appropriate.

## **7.0 Environmental implications**

- 7.1 The work programmes set out in this report generally have environmental benefits. Many of the Network Development projects are aimed at reducing congestion and hence air pollution. Other projects will improve environmental safety for highway users. The 'carbon footprint' associated with carrying out this work is considered to be offset by the benefits that will be achieved.

## **8.0 Human resources implications**

- 8.1 The delivery of the programme as proposed will fully commit the existing employee resources available to support the Transportation Capital Programme.

## **9.0 Corporate landlord implications**

- 9.1 The programme includes a line for 'Non highway structures' which relates to strengthening and maintenance of structures owned by the Council but not part of the adopted highway. The structures (bridges and/or retaining walls) form part of the Corporate Landlord portfolio but the work will be managed by employees within the Strategic Transportation Service and, for convenience, is included within the Transportation Capital Programme.

## **10.0 Schedule of background papers**

- 10.1 Report to Cabinet, 20 April 2016, "Transportation Capital Programme – 2016/17 and future years".

## APPENDIX A

### Projects undertaken during 2016/17

Programme/Scheme Title	Ward	Estimated Outturn 2016/17 £000
<b>Network Development</b>		
<b>Wolverhampton &amp; West Midlands Major Projects</b>		
Wolverhampton Interchange (highway improvements)	St Peter's	25
i54 Access	N/A	140
UTC Major Scheme	Various	9
<b>LGF Access to Growth</b>		
Coach Link	St Peter's	93
Bilston Urban Village Access	Bilston East	2,186
Springfield Campus to Interchange connectivity	Heath Town	650
City North Gateway (Stafford Road Corridor) modelling and scheme development	Bushbury Nth/ Oxley/ Bushbury Sth & Low Hill/St Peter's	160
City East Gateway (Willenhall Road Corridor) modelling and scheme development	Heath Town, East Park	140
A4123 Birmingham Road Corridor modelling and scheme development	Blakenhall, Spring Vale, Ettingshall	30
Pinfold Bridge, Wednesfield	W'field South	600
<b>LGF Managing Short Trips</b>		
National Cycle Network 81 route enhancements	St Peter's, Park, Tett Regis, Oxley	650
City Centre and Ring Road cycling improvements	St Peter's	625
i54 to Science Park cycle route	Bushbury Sth & Low Hill, Bushbury North	450
<b>Highway Improvement Programme</b>		
City Centre Transport and Movement Enhancements	St Peter's	229
Wobaston Road Corridor	Bushbury N/Oxley	67
UTC Wireless Telecommunications	Various	54
Raglan St Sainsburys s278 works	St Peter's	3
Birmingham New Road/Shaw Road	Spring Vale	1,450
Compton Park access road and cycle route	Park	14
Bus infrastructure improvements	Various	34
New Cross area parking management	Heath Town, W'field South	14
Roadworks information	Various	18
Alfred Squire Road/Neachells Lane traffic signals upgrade	W'field South	135
Ring Road/Snow Hill traffic signals upgrade	Blakenhall/St Peter's/Ettingshall	80
Elgin CCTV application	All	15
Common database software upgrade	All	21

Advance design of future projects	Various	110
<b>Local Safety Programme</b>		
Perton Road area	Tett Wightwick	8
Penn Road/Manor Road	Penn	51
Linden Lea	Tett Wightwick	2
Wolverhampton Road East crossing	Blakenhall	3
Stafford Street toucan crossing	Bushbury Sth & Low Hill, St Peter's	15
Darlington St pedestrian & cycle improvements	St Peter's	5
Stafford Road Five Ways Island	Bushbury Sth & Low Hill, St Peter's	19
Great Hampton Street	St Peter's	2
Urgent Works/TRO's/Signs/Guardrails/Markings	Various	60
<b>Cycling Programme</b>		
Cycle Route Improvements	Various	20
Cycle Parking	Various	6
<b>Safer Routes to School</b>		
School gate parking	Various	30
Windmill Crescent	Tett Wightwick	31
<b>Total</b>		<b>8,254</b>

<b>Capital Maintenance</b>		
<b>Capital Maintenance of Classified Roads</b>		
Bath Road	Park	83
Bridgnorth Road	Tettenhall Wightwick	94
Bushbury Lane	Bushbury South & Low Hill	172
Bushbury Road	Heath Town	59
Penn Road	Penn	43
Ring Road St. Andrews and St. Peters	St. Peters	219
Waddensbrook Lane	Wednesfield South	132
Warstones Road	Merry Hill	52
Stafford Road	Bushbury South & Low Hill	1,650
Wednesfield High Street	Wednesfield South	86
Birmingham New Road	Springvale	218
Oxford Street	Bilston East	34
Pothole Fund	Various	110
<b>Capital Maintenance of Unclassified Roads</b>		
Brooklands Parade and roads off	East park	680
Baker Avenue	Springvale	15
Newhampton Road East	Park	46
Little Brickkiln Street	St. Peters	7
Dudley Street	St. Peters	40
Bilston Street	St. Peters	165
Darlington Street	St. Peter's	42

Thin surface treatment	Various	660
<b>Highway Structures</b>		
Highway structures, strengthening and maintenance (rolling programme)	Various	120
Hordern Road Bridge strengthening	Tett Regis/Park/St Peter's	120
Tettenhall Road Bridge parapet repairs	Tett Wightwick	27
<b>Other Capital Maintenance Programmes</b>		
Disabled access	Various	60
Street lighting replacements	Various	120
<b>Total</b>		<b>5,054</b>

## APPENDIX B

### Projects for Implementation in 2017/18

#### Key to 'Approval' column

Prior: Projects that have been previously approved for implementation  
 Approve: Cabinet is requested to approve these projects for implementation in this report  
 IEDN: Cabinet is requested to delegate authority to the Cabinet Member for City Environment and the Service Director for City Environment to approve these projects for implementation following the consultation process

Programme/Scheme Title	Ward	Estimated scheme total £000	Estimated spend 2017/18 £000	Approval
<b>Network Development Projects</b>				
<b>LGF Access to Growth</b>				
City North Gateway (Stafford Road Corridor) modelling and scheme development	Bushbury Nth/Oxley/ Bushbury Sth & Low Hill/St Peter's	270	110	Prior
City East Gateway (Willenhall Road Corridor) modelling and scheme development	Heath Town, East Park	680	250	Prior
A4123 Birmingham Road Corridor modelling and scheme development	Blakenhall, Spring Vale, Ettingshall	150	120	Approve
Pinfold Bridge, Wednesfield	W'field South	800	200	Prior
Wolverhampton to Willenhall Metro study	Heath Town, W'field South	150	150	Approve
Stafford Road M54 to Springfield Lane	Bushbury North	6,000	2,500	IEDN
<b>LGF Managing Short Trips</b>				
i54 to Science Park cycle route	Bushbury Sth & Low Hill, Bushbury North	500	50	Prior
<b>Highway Improvement Programme</b>				
Birmingham New Rd/Shaw Rd junction improvement	Spring Vale	1,550	100	Prior
Ring Road St John's widening	St Peter's	370	250	Prior
UTC wireless communications	Various	500	50	Prior
Sainsbury's development highway improvements	Graiseley	350	30	Prior
New Cross area parking management	Heath Town	150	70	Prior
Advance design of future projects (rolling programme)	Various	80 /year	80	Approve
Bus infrastructure improvements (rolling programme)	Various	30 /year	30	Approve
Traffic signs replacement (rolling programme)	Various	30/year	30	Approve
Ring road and city centre signage review	St Peter's	400	100	Prior
Ring Road environmental and safety improvements	Various	250		IEDN

Bus lane enforcement, Phase 4	Various	60	60	IEDN
Arterial routes improvements	All	2,000	1,000	IEDN
Cannock Road/Raynor Road CCTV	Bushbury Sth & Low Hill	30	30	Approve
Ring Road/Snow Hill traffic signals upgrade	Blakenhall/St Peter's/Ettingshall	110	30	Prior
Newhampton Road West/Hunter Street traffic signals upgrade	Park/St Peter's	80	80	Approve
A4124 traffic signal upgrades (NPIF)	Heath Town / W'field South	550	550	Approve
<b>Local Safety Programme</b>				
Urgent Works/ TRO's/Signs/Guardrails/ Markings (rolling programme)	Various	50/year	50	Approve
Great Hampton Street	St Peter's	20	20	Prior
Wolverhampton Road East crossing	Blakenhall	70	70	IEDN
Malthouse Lane/Stockwell Road area	Tett Regis	20	20	IEDN
High Street, Tettenhall (s106 funding)	Tett Wightwick	20	20	IEDN
Wergs Road/Yew Tree Lane	Tett Regis	10	10	IEDN
Mill Lane	Tett Wightwick/ Regis	10	10	Approve
Hilton Road 20mph zone	Spring Vale	20	20	IEDN
Vehicle actuated speed warning signs	All	30	30	Approve
Stafford Street toucan crossing	Bushbury Sth & Low Hill, St Peter's	120	110	Approve
Pinfold Street/Dudley Street/Nettlefold Way tiger crossings	Bilston East	100	100	Approve
Sun Street guard railing	Heath Town	10	10	Approve
<b>Cycling Programme</b>				
Cycle Route Improvements (rolling programme)	Various	30/year	30	Approve
Cycle Parking (rolling programme)	Various	10/year	10	Approve
<b>Safer Routes to Schools</b>				
School gate parking (rolling programme)	Various	10 /year	10	Approve
Castlecroft Road zebra crossing (between Bhylls Lane & The Avenue)	Tettenhall Wightwick/ Merry Hill	30	30	IEDN
Woden Avenue	Heath Town	20	20	IEDN
Bushbury Hill School, Old Fallings Lane	Bushbury Sth & Low Hill, Fallings Park	10	10	IEDN
<b>Capital Maintenance Projects</b>				
<b>Classified Roads</b>				
Bilston Road (Ring Road to Cullwick Street)	Ettingshall/East Park	690	690	IEDN
Birmingham New Road (Parkfield Rd to Spring Rd)	Ettingshall/Spring Vale/Blakenhall	540	540	Approve
Black Country Route (Coseley Road to Oxford St)	Bilston East	320	320	IEDN

This report is PUBLIC  
[NOT PROTECTIVELY MARKED]

Penn Road (Stubbs Rd to Coalway Rd)	Graiseley/Blakenhall	70	70	Approve
Coalway Road	Penn/Graiseley	430	430	Approve
Ring Road St John's	St Peter's/Blakenhall	110	110	Approve
Three Tuns Lane	Bushbury North	160	160	Approve
Waterloo Road	St Peter's	110	110	IEDN
Chapel Ash/ Compton Rd (Part)	Graiseley/Park	220	220	IEDN
Lower Street	Tettenhall Regis	90	90	IEDN
Neachells Lane/ Alfred Squire Road Junction	W'field South	50	50	IEDN
Millfields Road	Ettingshall	190	190	IEDN
<b>Unclassified Roads - Carriageways</b>				
Thin surface treatment (rolling programme)	Various	660/year	660	Approve
Red Lion Street	St Peter's	50	50	IEDN
<b>Unclassified Roads - Footways</b>				
Dudley Street	St Peter's	880	300	Prior
Queen Square	St Peter's	310	50	Prior
Lich Gates	St Peter's	120	120	IEDN
Exchange Street	St Peter's	140	140	IEDN
Brooklands Parade and roads off	East Park	580	50	Prior
Bushbury Lane	Bushbury South & Low Hill	350	350	Approve
Hall Park Street	Ettingshall	50	50	IEDN
Uplands Avenue and roads off	Merry Hill	100	100	IEDN
Woodhouse Road	Tettenhall Regis	50	50	IEDN
Grove Lane	Tettenhall Wightwick	170	170	IEDN
Warstones Road and Oxbarn Avenue	Graiseley/Penn/ Merry Hill	720	720	IEDN
<b>Highway Structures</b>				
Highway structures, strengthening and maintenance (rolling programme)	Various	100/year	100	Approve
Compton Bridge resurfacing	Tett Wightwick	30	30	Approve
Tettenhall Road Bridge parapet repairs	Tett Wightwick	120	90	Approve
Arthur Street Bridge	Bilston East	660	660	Approve
Wightwick Bridge strengthening	Tett Wightwick	30	30	Approve
<b>Other Capital Maintenance Programmes</b>				
Disabled Access (rolling programme)	Various	60 /year	60	Approve
Street lighting replacements (rolling programme)	Various	350 /year	100	Approve
Non highway structures	Various	480	150	Approve
Waterhead Brook flood alleviation	Fallings Park	80	80	Approve

## APPENDIX C

### Projects for Development for Future Years

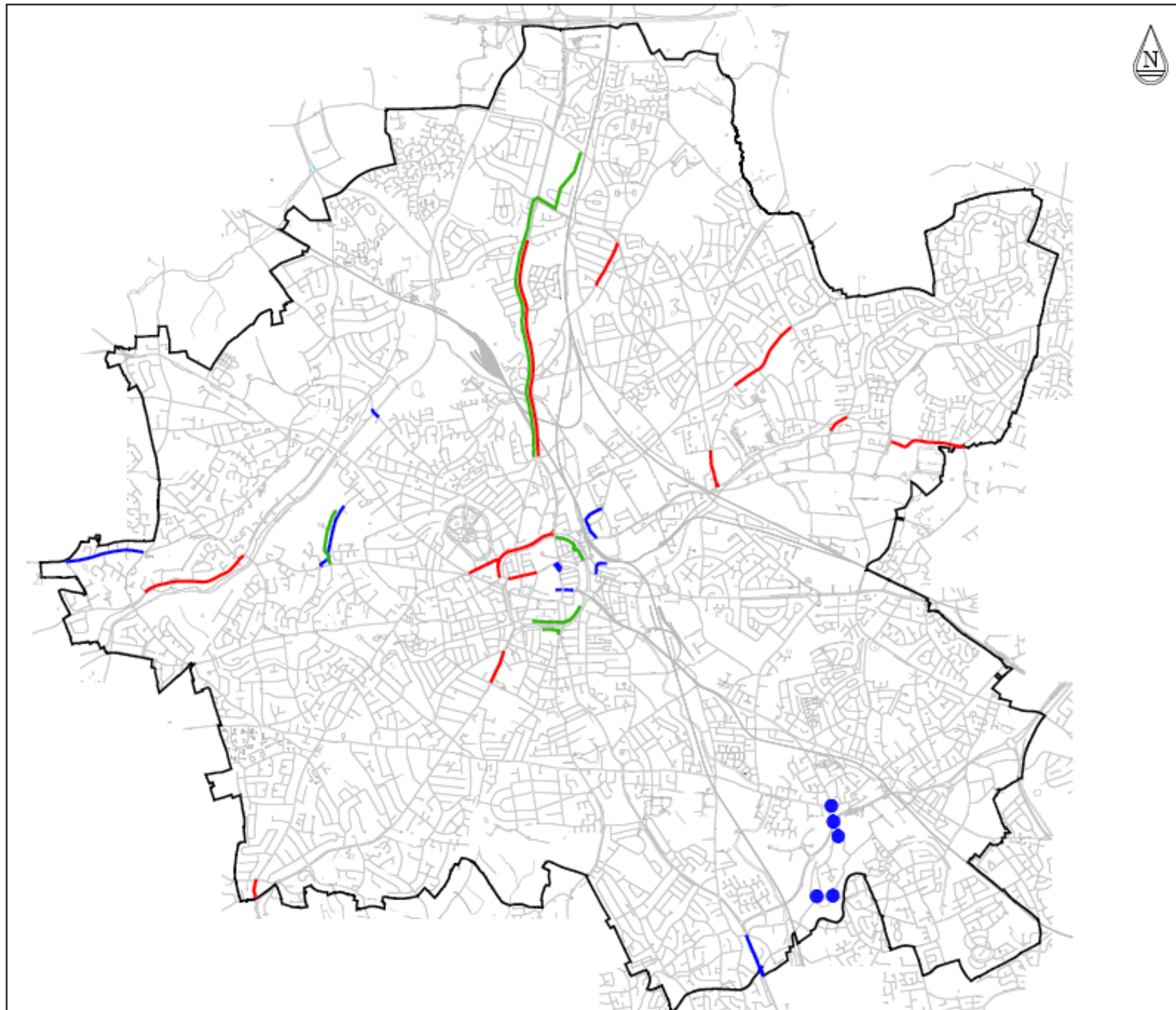
Programme/Scheme Title	Ward	Estimate £000
<b>Network Development Projects</b>		
<b>LGF Access to Growth</b>		
Cannock Road/Cross Street North junction improvement	Bushbury Sth & Low Hill/ Heath Town	2,000
Wolverhampton Science Park access	Bushbury Sth & Low Hill	1,500
<b>Highway Improvement Programme</b>		
City Centre wayfinding	St Peter's	60
Cannock Road/Raynor Road CCTV	Bushbury Sth & Low Hill, Fallings Park	30
Birmingham New Rd/Lawnswood Av junction improvement	Spring Vale/ Blakenhall	800
Birmingham New Road/Spring Road junction widening	Spring Vale	1,500
Ring Road/ Snow Hill traffic signals upgrade	Blakenhall/St Peter's/ Ettingshall	110
New Hampton Road/Hunter Street traffic signals upgrade	Park/St Peter's	80
<b>Local Safety Programme</b>		
Lunt Road	Bilston East	60
Penn Road/Marston Road junction	Graiseley/Blakenhall	90
Amos Lane	W'field South/ Heath Town	20
Stafford Road/Oxley Moor Road junction	Oxley	60
Third Avenue/Raynor Road	Bushbury Sth & Low Hill	30
Northycote Lane	Bushbury North	150
Safety cameras upgrade	Various	90
Henwood Road	Tett Wightwick	30
Spring Road/Manor Road	Ettingshall/Spring Vale	10
Kitchen Lane	W'field North	40
White Oak Drive	Tett Wightwick	40
Mill Lane	Fallings Park	30
Lonsdale Road	Graiseley	20
Wood Road	Tett Wightwick	20
Greenfield Lane	Bushbury North	20
Legs Lane	Bushbury North	20
Barnard Road	W'field North	40
<b>Cycling Programme</b>		
Wednesfield Road/Wednesfield Way	Wednesfield South	100
A4123 Birmingham Road/Birmingham New Road	Blakenhall/Spring Vale/ Ettingshall	800
Oxbarn Avenue/Warstones Road	Graiseley/Penn/Merry Hill	120
Kempthorne Avenue/Third Avenue	Bushbury Sth & Low Hill	140
<b>Safer Routes to Schools</b>		
Bushbury Lane/Collingwood Road	Bushbury North	30
Griffiths Drive/Peacock Avenue	W'field North	20
The Lunt/Holy Trinity	Bilston East	40



This report is PUBLIC  
[NOT PROTECTIVELY MARKED]

Ripon Road	Bushbury Sth & Low Hill	50
Walter Road	Bilston East	30
Bradley Lane	Bilston East	20
<b>Capital Maintenance Projects</b>		
<b>Classified Roads</b>		
Anchor Road/ Biddings Lane/Shaw Road	Bilston East	170
Birches Barn Road	Graiseley	250
Birmingham New Road (Parkfield Rd to Spring Rd)	Spring Vale/ Blakenhall	790
Black Country Route (Coseley Road to Oxford Street, eastbound)	Ettingshall/Bilston East	450
Blackhalve Lane	Fallings Park	180
Broad Lane	Park/Merry Hill	210
Cannock Road (Park Lane to Blackhalve Lane)	Fallings Park	250
Chapel Ash	Park/Graiseley	120
Coalway Road	Graiseley/Penn/Merry Hill	580
Henwood Road (Service Road)	Tett Wightwick	20
High Street, Wednesfield (Alfred Squire Road To Well Lane)	W'field South	40
Lower Street (Aldersley Road to Tettenhall Road)	Tett Regis	80
Millfields Road (Coseley Rd to Village Way)	Ettingshall	130
Mount Pleasant	Bilston East	170
Ring Road footways	St Peter's	710
Rookery Street/Wolverhampton Road	Heath Town/W'field South	250
Springhill Lane	Merry Hill/Penn	60
Stafford Road (Vine Island to M54)	Bushbury North	530
Stafford Street (Cannock Rd to Ring Road, Inbound)	Heath Town	120
Stowheath Lane (part)	East Park	70
Tettenhall Road	Park	550
Willenhall Road, Bilston	Bilston North/Bilston East	190
Wobaston Road	Bushbury North/ Oxley	220
<b>Unclassified Roads - Carriageways</b>		
Fern Leys	Tett Wightwick	10
Merridale St West	Graiseley	70
Hilton Street	Heath Town	60
Highfields Road, Bilston	Bilston East	90
Moseley Rd (part)	Bilston North	30
Dunstall Road (part)	St Peter's	170
The Crescent	Bilston East	30
Barnhurst Lane/Pendeford Avenue	Oxley/Tett Regis	430
Broad Lanes	Bilston East	180
Bushbury Lane (Elston Hall Lane to Legs Lane)	Bushbury North	400
Hordern Road	St Peter's/Park	330
Hunter Street	St Peter's/Park	30
Kitchen Lane	W'field North	280
Northycote Lane/Legs Lane/Underhill Lane	Bushbury North/ Fallings Park	650
Old Fallings Lane (Cannock Road to Ruskin Road)	Bushbury Sth & Low Hill/ Fallings Park	230
Vicarage Road	Penn	180

Brooklands Parade	East Park	90
Woodstock Road	East Park	30
Laburnum Road (part)	East Park	20
Mountford Lane	Bilston North	70
Waterhead Drive highway drainage	Fallings Park	30
Thornley Street	St Peter's	30
Westbury Street	St Peter's	30
Waterloo Road	St Peter's/Park	320
Ranelagh Road	Blakenhall	20
Trysull Rd/Oxbarn Avenue junction	Merry Hill/Graiseley	40
Ward Street	Ettingshall	10
<b>Unclassified Roads - Footways</b>		
Queen Square	St Peter's	310
Exchange Street	St Peter's	140
Victoria Street	St Peter's	510
Wenlock Avenue/Minsterley Close	Merry Hill	50
Ruskin Road	Fallings Park	160
Pinfold Lane	Penn	280
Finchdene Grove	Tett Wightwick	40
Planetary Road (part)	W'field South	70
Woodhouse Road, Tettenhall (part)	Tett Regis	30
Braden Road	Penn	200
Rosemary Avenue	Blakenhall	30
Spondon Road	Wednesfield North	30
Woodstock Road/Hurstbourne Cres and roads off	East Park	140
Silverton Way/Coleman Avenue	W'field South	20
Darlington Street	St Peter's	170
Lichfield St (Princes Sq – Railway Dr)	St Peter's	350
<b>Highway Structures</b>		
Barnhurst Lane Bridge strengthening	Tett Regis/Oxley	500



**KEY:**

- NEW WORKS / ROAD SAFETY / BRIDGES
- CYCLE SCHEMES
- CAPITAL MAINTENANCE

HIGHWAY IMPROVEMENTS  
2016/17  
PLAN A

DATE: 13.04.17

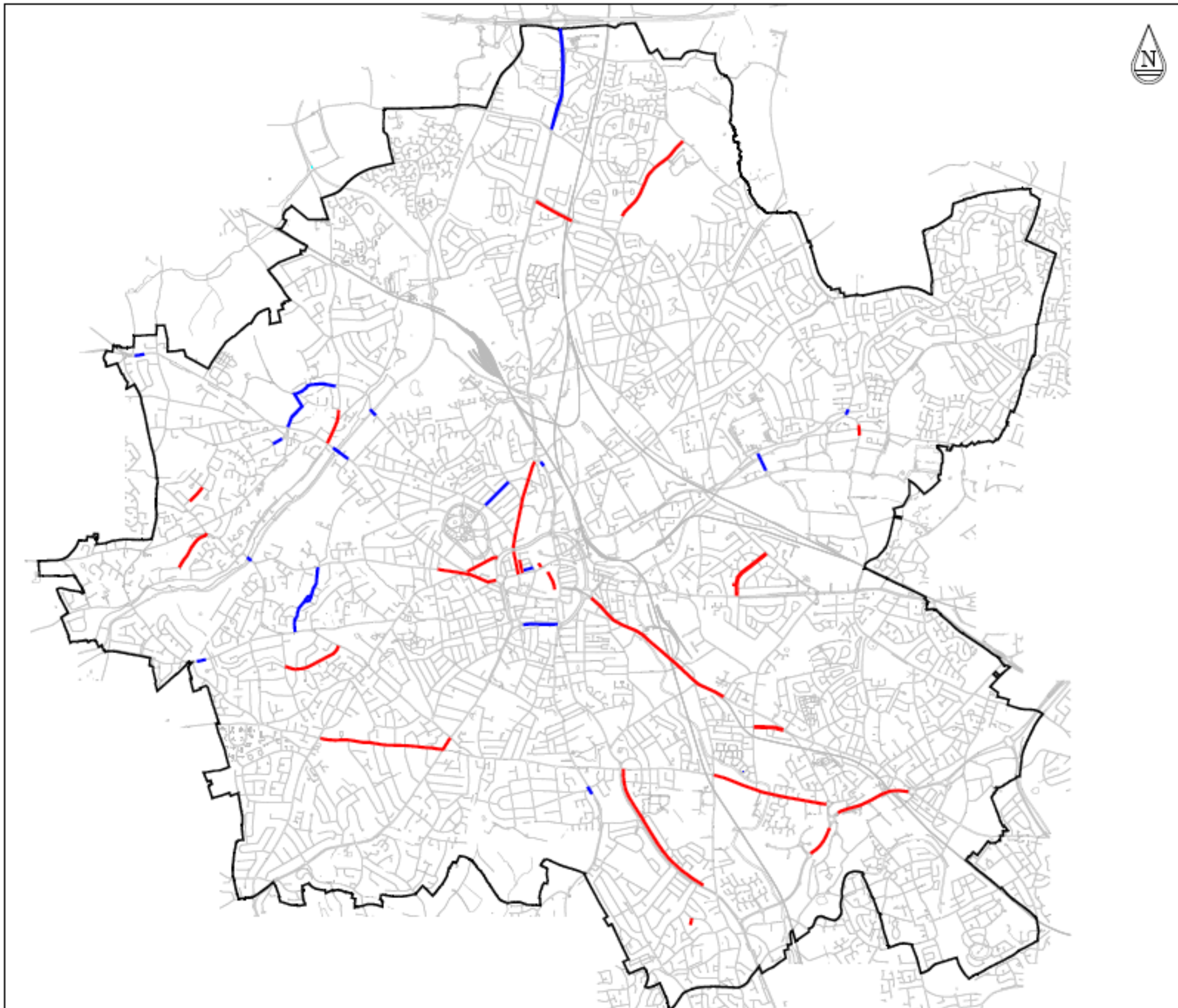
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DWG No. PLAN A

CITY OF  
WOLVERHAMPTON  
COUNCIL





**KEY:**

- NEW WORKS / ROAD SAFETY / BRIDGES
- CYCLE SCHEMES
- CAPITAL MAINTENANCE

HIGHWAY IMPROVEMENTS  
2017/18  
PLAN B

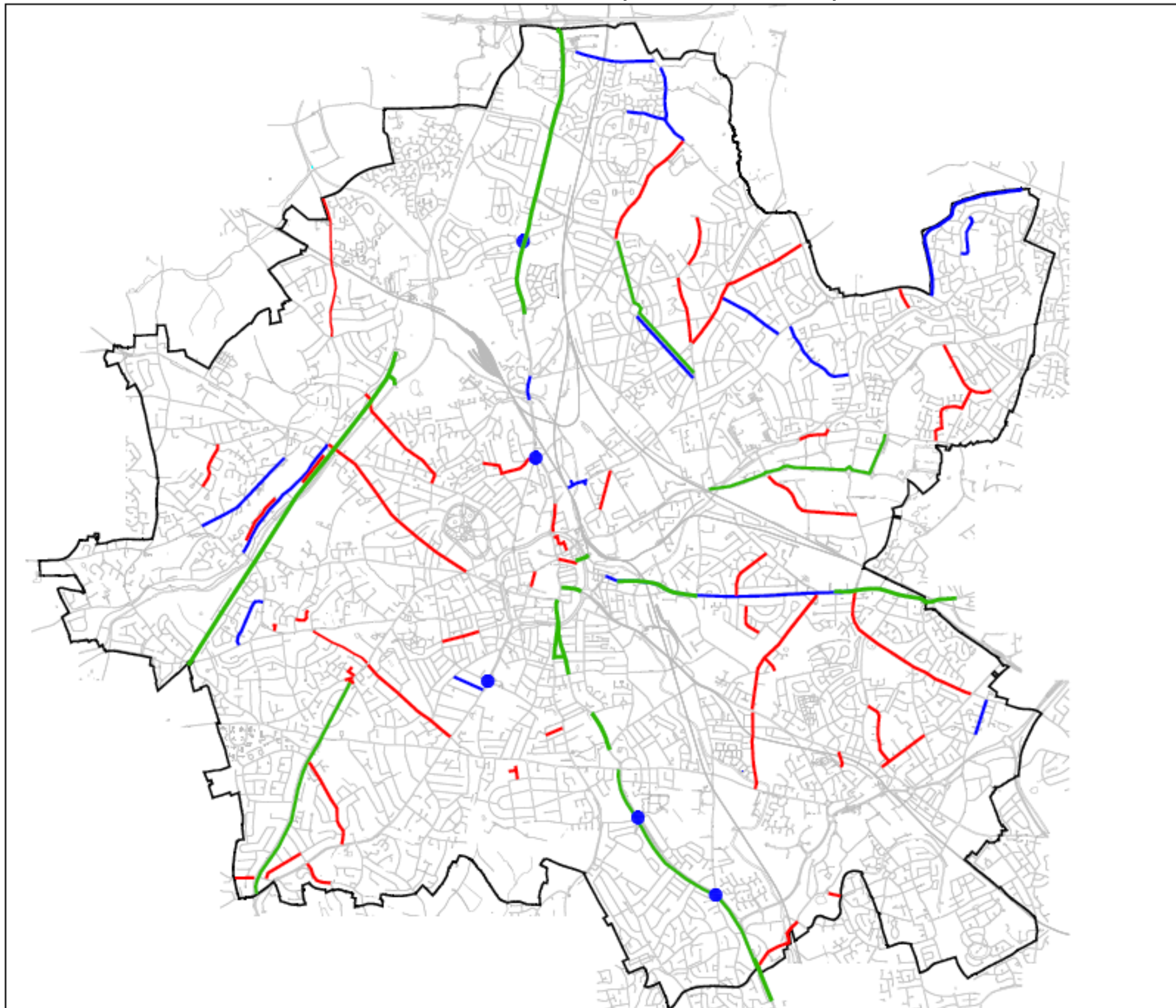
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DWG No. PLAN B

CITY OF  
WOLVERHAMPTON  
COUNCIL



**KEY:**

- NEW WORKS / ROAD SAFETY / BRIDGES
- CYCLE SCHEMES
- CAPITAL MAINTENANCE

HIGHWAY IMPROVEMENTS  
FUTURE YEARS  
PLAN C

DATE: 13.04.17

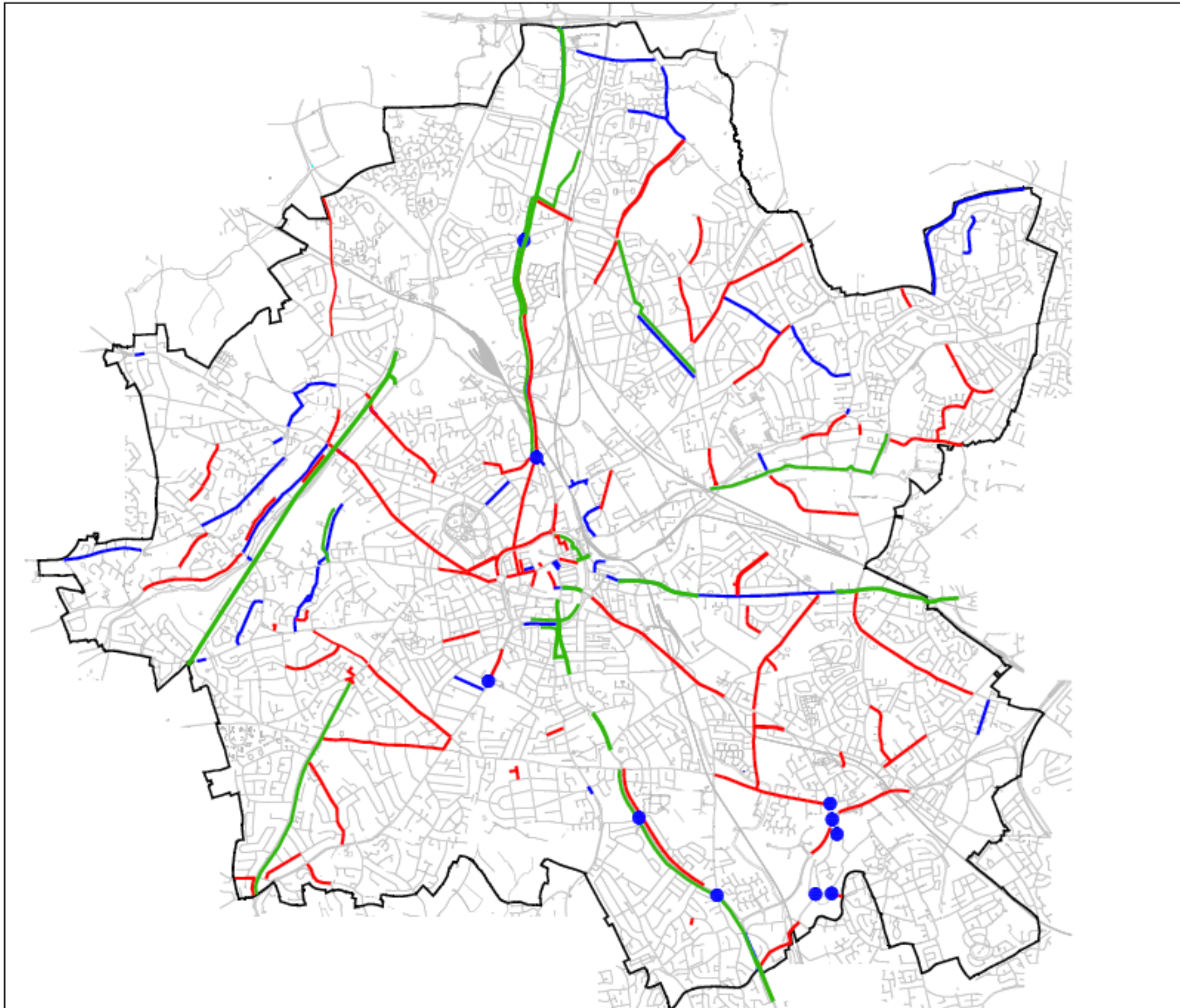
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DWG No. PLAN C

CITY OF  
WOLVERHAMPTON  
COUNCIL





**KEY:**

- NEW WORKS / ROAD SAFETY / BRIDGES
- CYCLE SCHEMES
- CAPITAL MAINTENANCE

**HIGHWAY IMPROVEMENTS  
ALL YEARS  
PLAN D**

DATE: 13.04.17

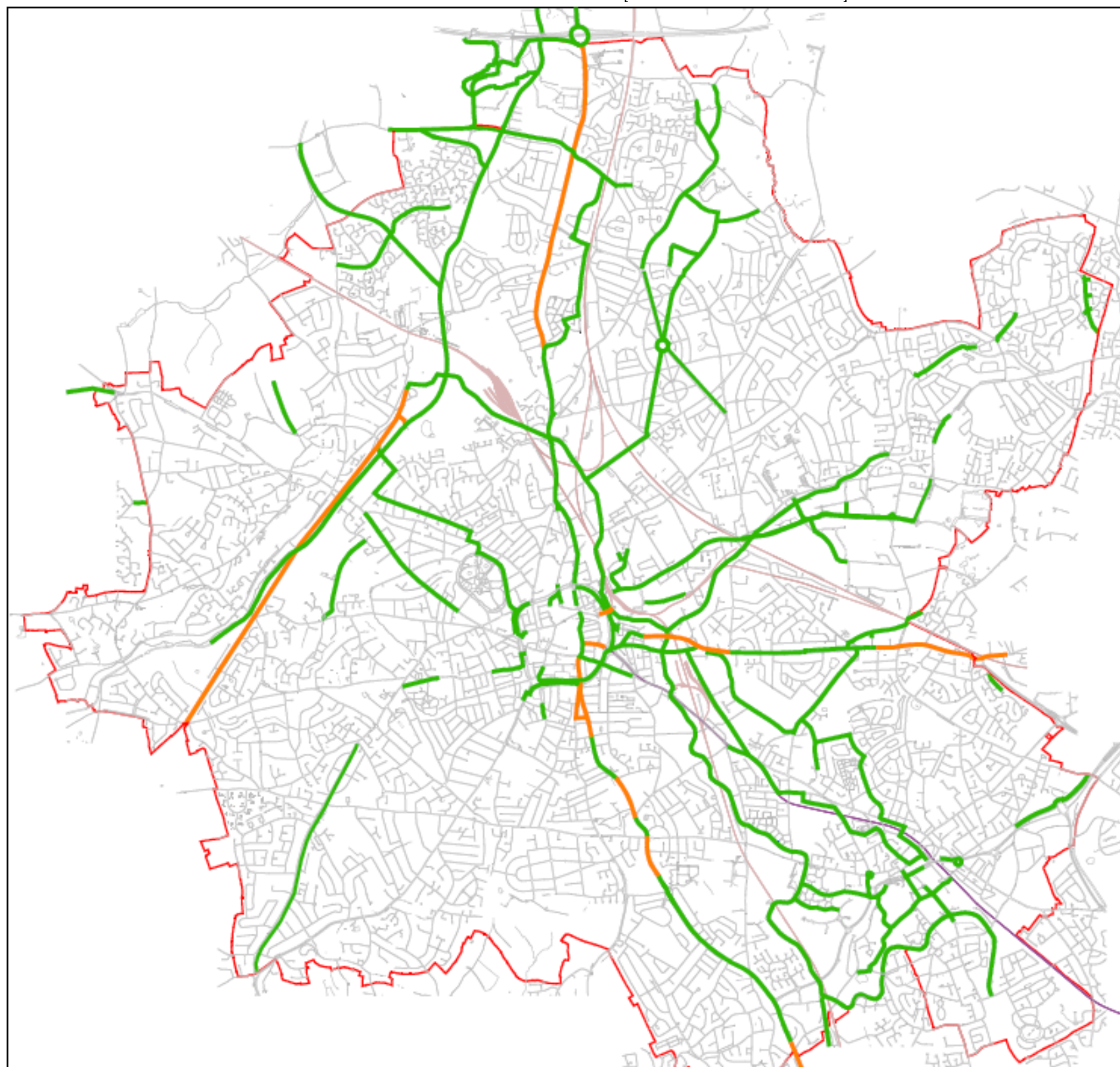
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DRAWN BY: MN

DWG No. PLAN D

**CITY OF  
WOLVERHAMPTON  
COUNCIL**





Key

- Existing Cycle Route
- Proposed Cycle Route

**CYCLE STRATEGY**

Author: N.T.S. Date: Feb. 2017 Drawn by: AJP App. No.: Wolverhampton Cycle map.dwg

City of Wolverhampton Council

Map Data: Ordnance Survey  
Data: Ordnance Survey, St. Peter's Square, Wolverhampton