

BIRMINGHAM CITY COUNCIL

SUSTAINABILITY AND TRANSPORT OVERVIEW AND SCRUTINY COMMITTEE

THURSDAY, 14 MARCH 2019 AT 10:00 HOURS
IN COMMITTEE ROOM 2, COUNCIL HOUSE, VICTORIA SQUARE,
BIRMINGHAM, B1 1BB

A G E N D A

1 NOTICE OF RECORDING/WEBCAST

The Chairman to advise/meeting to note that this meeting will be webcast for live or subsequent broadcast via the Council's Internet site (www.civico.net/birmingham) and that members of the press/public may record and take photographs except where there are confidential or exempt items.

2 APOLOGIES

To receive any apologies.

3 DECLARATIONS OF INTERESTS

Members are reminded that they must declare all relevant pecuniary and non pecuniary interests arising from any business to be discussed at this meeting. If a disclosable pecuniary interest is declared a Member must not speak or take part in that agenda item. Any declarations will be recorded in the minutes of the meeting.

3 - 16

4 SUSTAINABILITY & TRANSPORT O&S COMMITTEE ACTION NOTES

To confirm and sign the Action Notes of the meetings held on the 14th February 2019 and 22nd February 2019.

17 - 34

5 FLOOD RISK AND MANAGEMENT ANNUAL REPORT

Kevin Hicks, Assistant Director, Highways & Infrastructure.

35 - 44

6 TRACKING REPORT - BIRMINGHAM TREE POLICY INQUIRY

Simon Needle, Principal Arboriculturist/ Principal Ecologist

7 **SUSTAINABILITY & TRANSPORT O&S COMMITTEE WORK PROGRAMME**

For consideration.

8 **DATE OF FUTURE MEETINGS**

To note the dates of future meetings on the following Thursdays at 1000 hours in the Council House, Committee Room 2 as follows:-

11 April, 2019

9 **REQUEST(S) FOR CALL IN/COUNCILLOR CALL FOR ACTION/PETITIONS RECEIVED (IF ANY)**

To consider any request for call in/councillor call for action/petitions (if received).

10 **OTHER URGENT BUSINESS**

To consider any items of business by reason of special circumstances (to be specified) that in the opinion of the Chairman are matters of urgency.

11 **AUTHORITY TO CHAIRMAN AND OFFICERS**

Chairman to move:-

'In an urgent situation between meetings, the Chairman jointly with the relevant Chief Officer has authority to act on behalf of the Committee'.

BIRMINGHAM CITY COUNCIL

SUSTAINABILITY AND TRANSPORT O&S COMMITTEE

1000 hours on 14th February 2019, Committee Room 2 – Actions

Present:

Councillor Liz Clements (Chair)

Councillors David Barrie, Kath Hartley, Chaman Lal, and Hendrina Quinnen.

Also Present:

Michael Addison, ecobirmingham

Haydn Brown, Procurement

Neil Carney, Programme Director - Birmingham 2022 Commonwealth Games

Libby Harris, Birmingham Friends of the Earth (BFOE)

Ben Lee, Plastic Free Moseley

Tom Pell, The Clean Kilo Supermarket

Chris Neville, Acting Director, Regulation & Enforcement

John Newson, Birmingham Friends of the Earth (BFOE)

Darren Share, Assistant Director, Waste Management

Jeanette Wong, The Clean Kilo Supermarket

Baseema Begum, Scrutiny Officer

Rose Kiely, Overview & Scrutiny Manager

1. NOTICE OF RECORDING/WEBCAST

The Chair advised those present that the meeting would be webcast for live and subsequent broadcast via the Council's Internet site and that members of the press/public may record and take photographs except where there are confidential or exempt items.

2. APOLOGIES

Councillors Timothy Huxtable and Zaker Choudhry.

3. DECLARATIONS OF INTERESTS

None.

4. SUSTAINABILITY & TRANSPORT O&S ACTION NOTES

The action notes of 8th and 10th January 2018 were agreed.

5. PLASTIC FREE BIRMINGHAM INQUIRY

(see document pack)

The Chair, Cllr Liz Clements welcomed attendees to the second evidence gathering session and outlined the background and purpose of the Inquiry. Attendees were invited to talk to the Committee about the work that they are involved in in reducing the use of plastic materials and specifically any initiative to reduce the use of (SUPs). Invitees were encouraged to take part in and add to the wider discussion with Members.

John Newson, BFOE explained that the main source of plastic waste is through food and drinks packaging. Fast food outlets in particular are a big user of SUPs and this creates a huge waste management problem. Businesses are not paying for the additional burden placed on local authorities to collect. He added that it would be better to regulate in the manufacturing of packaging so that it stops the problem from arising in the first place. There is also a need to provide packaging alternatives that in the past were used and worked well.

It was highlighted that Birmingham has one the lowest recycling rates in the country in comparison with other local authority areas meaning that more is being put into residual waste bins.

He added that recycling facilities need to be improved for all properties to encourage people to recycle their waste. Currently 79% of household refuse is incinerated or sent to landfill which in turn means higher costs to the Council in disposal. It was highlighted that some residents do not understand what to put in the recycling bins and what happens to it after and so don't bother to recycle their waste. Previously the Council ran a 'nectar points' scheme to encourage people to recycle. An incentive scheme would help to increase recycling levels. There is also a need for the Council to look to introduce a household food waste scheme.

Darren Share, Waste Management clarified that food waste is a significant proportion of the waste collected by the Council and is approximately in the region of 38-48%. There are many local authorities that do collect food waste. There is a government consultation paper on the collection of food waste with a number of options including a separate weekly collection. However cost is the key issue and it will require funding if the Council considers any possible schemes in the future.

John Newson added that there are some good examples of sustainable businesses and those actively reducing plastic waste in the city for example the Clean Kilo supermarket the first zero waste supermarket in the city; the University of

Birmingham has a re-useable coffee cup scheme, Boston Tea Party café was the first café to ban SUP cups and also only provide paper straws on request.

Ben Lee, Plastic Free Moseley (PFM) spoke to the Committee about the work that his organisation is involved in with businesses in Moseley. He explained that the 'plastic free' project was started in spring 2018 and that they are working with businesses and community groups to get them to reduce SUPs and waste and move towards achieving 'plastic free' status. There are 5 objectives that have to be worked through to achieve the status. Café 'Saparo de Sole' in Moseley has achieved 'plastic free' status and is given as an example of good practice on the Surfers Against Sewage website.

He confirmed that many of the businesses in the area have already started initiatives to reduce the use of plastic and with some encouragement can take the next few steps. The barriers that some are facing is the cost in providing alternatives however PFM recommend that as a first step businesses reduce the amount they use, educate their staff on reducing the use of plastic and promote re-use where possible. In terms of alternatives promoted caution was given on the use of bio-plastics (instead of SUPs). There is a lack of awareness on how bio-plastics are made (differently as plant made rather than oil made as normal plastics are) however if the resource is not available to recycle these then they can end up in landfill and have the same timeframe as normal plastics in terms of the time it takes for them to decompose.

It is important to note that as individuals within communities become more sustainably aware there are the opportunities to take action to effect change such as setting up 'plastic free communities' and demand changes as consumers in the use of plastic packaging that businesses will act on and take note. The key is if enough businesses make change it encourages others to follow suit.

Jeanette Wong and Tom Pell founders of the Clean Kilo supermarket addressed the Committee on the work of eliminating SUPs in their business. They explained that their business ethos is to eliminate the use of plastic packaging/SUPs not only in the sale of goods but in how they are delivered by suppliers SUP's (where possible). Furthermore they also source goods as locally as possible in keeping with their sustainable philosophy.

To date the supermarket has carried out 11,000 transactions and has received a 25% increase in the number of visitors since November 2018. Local support has been good and shoppers have commented on the 'interactive and fun' nature of the shop. This was described as a 'feel good' factor and increased the footfall on the high street where it is located in Digbeth. Media coverage has also been positive and has increased the awareness of plastic pollution. They further commented on the two major threats to the environment as global warming and plastic pollution.

It was noted that in 2017 there was only 1 zero waste shop and there are now 50 shops in the country in addition to on-line shops offering pantry goods. The demand and supply nature of zero waste shopping was highlighted and that as people change their shopping behaviour and it becomes the norm it allows them to be more prepared to shop in this way (for example in bringing re-useable containers to purchase goods).

To support this further there is a need for the Government and Council to support zero waste supermarkets to flourish and this could be through introducing financial incentives such as money off shopping if re-usable containers are used thereby encouraging customers to shop there.

Further suggestions of good practice that the Council could incorporate were shared with the Committee including:

- undertaking an audit of its buildings to assess items that can be eliminated to reduce plastic waste;
- providing information in schools on plastic containers and cutlery to raise awareness of the pollution issue; and
- undertaking an audit of specific bins on the public highway to help identify problems of escaping litter on footways that makeup much of the plastic in the waste stream. This would enable more targeting to be done in specific areas and with businesses where appropriate.

Michael Addison, ecobirmingham spoke to Members about the role of his organisation in promoting sustainability and outlined its priorities as:-

- reducing air pollution;
- reducing the use of fossil fuels; and
- reducing the impact on the planet.

He outlined the 'Refill' Birmingham project as a national initiative to reduce the number of plastic bottles in the waste stream. Currently the UK uses about 13 billion plastic bottles per year and 7 billion of these are bottled water.

Ecobirmingham are the local champion for the 'Refill Birmingham' campaign working with a number of partners on the initiative to help bring about systemic change. The initiative aims to reduce plastic pollution at source by making it easier for people to reuse and refill their bottles with free tap water 'on the go' therefore reducing the number of plastic bottles in the waste stream.

They are working with Severn Trent and a Memorandum of Understanding with Birmingham City Council is in place to get refill water stations in the city in 2019. A phone 'app' is also being made available so that people can navigate places nearest to them to fill up their containers whilst 'on the go'. There are 145 water stations planned in Birmingham. An action day will take place on 19th March where volunteers will be present in Business Improvement Districts (BIDs) areas across the city, signing up businesses to become 'Refill' stations on the 'Refill app'.

Further ideas were shared with the Committee aimed at involving communities and residents in eliminating and reducing plastic waste. The key issue to be tackled was noted as stopping waste at source and educating residents. It was highlighted that the Council's procurement, planning, licensing and enforcement areas can help support this. For example shoe covers made from plastic used in Council run or owned leisure centres could be eliminated and the Council could use its influence and move towards a more zero tolerance approach on this. There are various ways to tackle such issues and local ideas can be 'scaled up' to be used across the city to affect the pace of change.

Darren Share, Waste Management clarified the work that the Council is doing in respect of the collection and disposal of plastic waste. Currently plastics are not collected separately and they are collected alongside paper, cardboard and glass items. There has been a year on year increase in the amount of recycling that is being collected. Figures for the amount of plastic collected show that in the first two quarters of 2018/19 the total amount collected was equal to the amount collected for the whole of the 2017/18 municipal year. However contamination of items is an issue and so does affect the total amount actually recycled. Another issue is the confusion that residents are experiencing in terms of what can and cannot be recycled and the facilities that the Council has access to to recycle.

The Council has a contract with Veolia so that when recycled waste is collected it is sent to Veolia's facility at Tyseley for further sorting. Veolia then take plastic waste that can be recycled and it is used in the formation of new plastic items.

WRAP are working with the Council on best practice and making improvements to Household Recycling Centres (HRCs) and are also lobbying the Government to ensure that there is a set recycling standard that can be used by all local authorities.

The Council does need to engage with residents and communicate better on what can and cannot be recycled. There is an issue with getting adequate sized facilities to deal with trade waste in the available space. There is also the issue of high levels of contamination in containers adjacent to high and low rise flats that are accessible from the public highway. The Council is working with housing tenant associations and BIDs who are promoting the issue of reducing plastic waste to help eliminate plastic related waste issues in those areas.

This year's Chelsea Flower Show display will be themed around plastic waste with graphics and videos displaying the journey of plastic waste to remind people to recycle more and reduce their plastic waste.

Haydn Brown, Procurement spoke to the Committee about what the Councils Procurement team are doing in respect of the social value policy implemented through the Birmingham Charter for Social Responsibility (BCSR).

He explained that the BCSR has been in place for 5 years and has been recently updated (December 2018) with changes coming into effect from April 2019. As part of this update the BCSR notes that 'contractors and their supply chains should support the banning of SUPS in their place of work and in the goods and services they provide'.

The BCSR promotes good practice however it cannot enforce what contractors do for instance in their workplaces. Contracts are enforceable and that is where stipulations can be made with regards to the procuring new goods and services in respect of SUPs.

EU legislation stipulates the need for reduce/eliminate 10 different SUPs as a high priority. The Councils Procurement team are looking to identify in current contracts and see what can be done differently to encourage supplier to eliminate and reduce plastic waste where practical, possible and appropriate. The intention is to speak to suppliers however the Council does need to consider that there may be additional costs that suppliers could be open to so therefore the conversation would be to reduce and use alternatives where possible. There is an opportunity for the Council (through the core scope of contract) with suppliers for example catering contracts to

put in a clause about the social value aspect (minimum of 10% weighting for those signed up to the BCSR) on contracts over £200k for services (higher on goods). In future this could form part of the requirements of a contract as the Council moves to a commissioning based model for outcomes (so will not be specifying a way of doing things). The Council's social value policy will be working with contractors to achieve based on better outcomes for citizens.

Officer guidance is being refreshed in terms of the updates to the BCSR to take effect from April. Mandatory training will be available for commissioners, contractors and contract managers and this will be based on the Council's policies that will be incorporated in the BCSR and from part of the social value weighting.

In terms of changing the weighting of social value within a contract this can be discussed by commissioners and procurers to determine the element of social value.

Chris Neville, Regulation & Enforcement clarified that there are different types of licenses that businesses can apply for but there is no one single or generic license that businesses need to allow them to start trading.

In respect to regulation and enforcement the Council can only regulate as it is set out in law. There is no scope to apply condition on recycling for example. Conditions of a license can be put in place based on 4 licensing objectives:

- Prevention of crime and disorder;
- Prevention of public nuisance;
- Prevention of children from harm; and
- Public safety

In respect of good example of sustainable shopping shared he added that the Council will be bidding for funding from the 'Future High Streets Fund' (a Government fund of £675m available for local authorities) to regenerate high streets and encourage footfall. The Council needs to identify one location that is currently a failing area and the opportunity to encourage sustainable types of businesses such as the clean kilo supermarket can be included as part of the bid.

Work is also happening with the Market Traders Committee in the Bull Ring market to encourage non-use of SUPs (in cafes and on stalls using disposable plastic bags).

The Council's Events section provides an events guide with a useful section on sustainability in events management. It is not a requirement for businesses to comply however examples are given to encourage uptake. Furthermore if events are held on Council land then the Council can make it mandatory on the use of SUPs and other environmentally friendly practices.

Neil Carney, Birmingham 2022 Commonwealth Games confirmed that planning for the Games is in the very early stages. The last year has been mobilisation of staffing and clarity of roles and responsibilities.

There are 8 key themes and sustainability is one of the themes. A key outcome of the Games is to leave a positive legacy. The Organising Committee (OC) are leading on the

sustainability theme and are recruiting a post to lead on this agenda to ensure that it integrated throughout the planning and delivery of the Games.

A consultant has been enlisted to report on best practice from previous Games so that Birmingham can include this into the planning. Alongside this there have been workshops with partners and stakeholders to look at shaping the discussion on what the ambition and shaping discussion on what is achievable. This includes messages on sustainability and promoting prevention as well as reuse and recycling and ensuring that facilities are in place to meet demand. This includes promoting active travel and the possibility of a 'green map' as a legacy.

RESOLVED:-

The Chair, Cllr Clements thanked the attendees for their input and outlined the timetable for drafting of the report and it's presentation to all Councillors at a meeting of the full Council in June 2019.

6. SUSTAINABILITY & TRANSPORT O&S COMMITTEE WORK PROGRAMME

The Chair outlined future meeting dates and agenda items and noted that the Clean Air Strategy was out for consultation and encouraged members to feedback any comments they may have.

7. DATE OF FUTURE MEETINGS

Noted.

8. REQUEST(S) FOR CALL IN/COUNCILLOR CALL FOR ACTION/PETITIONS (IF ANY)

None.

9. OTHER URGENT BUSINESS

None.

10. AUTHORITY TO CHAIRMAN AND OFFICERS

Agreed.

RESOLVED:-

That in an urgent situation between meetings the Chair, jointly with the relevant Chief Officer, has authority to act on behalf of the Committee.

The meeting ended at 12:12 hours.

BIRMINGHAM CITY COUNCIL

SUSTAINABILITY AND TRANSPORT O&S COMMITTEE

0930 hours on 22nd February 2019, Committee Room 6 – Actions

Present:

Councillor Liz Clements (Chair)

Councillors Zaker Choudhry, Kath Hartley, Tim Huxtable, Josh Jones and Chaman Lal.

Also Present:

Councillor Waseem Zaffar, Cabinet Member for Transport & Environment

Councillor Jon Hunt, Perry Barr ward

Councillor Morriam Jan, Perry Barr ward

Andy Child, Consultant

Andy Everest, Highways Lead

Phil Edwards, Assistant Director, Transport & Connectivity

Doug Lee, Development Planning Manager

Peter Parker, Head of Infrastructure Delivery

Baseema Begum, Scrutiny Officer

Rose Kiely, Overview & Scrutiny Manager

1. NOTICE OF RECORDING/WEBCAST

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2. APOLOGIES

Councillors Hendrina Quinnen and David Barrie.

An apology was also received from Councillor Gary Sambrook.

3. DECLARATIONS OF INTERESTS

Cllr Lal declared that he is a cabinet advisor to the Cabinet Member for Transport & Environment.

Cllrs Hartley, Huxtable and Lal confirmed their roles as members of the West Midlands Combined Authority's Transport Delivery Committee.

4. COMMONWEALTH (CWG) PERRY BARR HIGHWAY INFRASTRUCTURE - OPTIONS APPRAISAL REPORT CALL-IN

The Chair, Cllr Clements welcomed attendees and requested Cllr Hunt to give the Committee the reasons for his call-in request.

Cllr Hunt clarified the reasons for the call-in as set out in the form (reasons for call-in) and made the following specific points:

- Residents and businesses concerns have been underestimated. There is no evidence from Highways England of the impact on the motorways and furthermore there is no indication of the additional traffic that will be diverted onto other nearby roads. From the modelling done it is expected that there will be additional 4% increase in traffic on the rest of the road network.
- The flyover is the major arterial route into the city centre and its retention would mean traffic flowing easily during the period when other works are happening in the area.
- The cost-benefit analysis done for major schemes is not accounted for in the report. This is significant if the work is carried out over 2 years.
- Residents signed a number of petitions and these have been discharged without reply – these views should be included as part of the consultation.
- The proposed consultation is on option 2 only and no other options or choices are given. Will the proposed consultation be meaningful? What will happen if the first option is unworkable?
- The approval given at Planning Committee for the traffic plan submission retains the flyover. Therefore what has happened to this?
- On 1st February the Cabinet Member was sent an alternative option as agreed with residents of Perry Barr. This was referred to at City Council on 5th February by Cllr Morriam Jan.
- Businesses in the area have serious concerns about the disruption and the impact of the proposed traffic light junction to replace the flyover.
- There is inadequate information on the period of disruption for residents, commuters and businesses.
- Area nearby that is currently a lorry park and purchased by the Council and will be part of a housing development after the Games. Can this be used to mitigate some of the traffic management?

- Perception that flyover is an ‘eyesore’ and removal needed is more for aesthetic reasons rather than what residents and local businesses actually want.

Cllr Jan added the following points:

- The impact on the local area has been underestimated and residents & businesses views have not been taken on board. 6,000 residents have signed a petition against removing the flyover.
- There is a need to consider commuters, school children and others who travel through the area and will be negatively impacted by the additional time to their journeys.
- Discussions also need to take place with neighbouring Councils to assess the impact of additional traffic in their areas.

Cllr Zaffar responded to the issues raised as follows:

- 2 options were ruled out by cabinet so the Council will only be consulting on the option as set out in the Cabinet report and agreed.
- Council officers have been working with residents and speaking to stakeholders and businesses as part of the options appraisal. Ward Councillors for the ward and adjoining wards and the MPs for the area have been offered briefings, some of which have been taken up. The OneStop shopping centre has also been engaged with and the Council will continue to do so with all stakeholders.
- The Games are a catalyst for the wider regeneration and the economic development of Perry Barr and the legacy that is left behind is important. All infrastructure improvements both transport and housing are transformational with the introduction of cycling lanes, SPRINT and better walking route for pedestrians. The long term impact of the changes is also favourable to private sector businesses in the area.
- There is work to be done in the short term on mitigations to support residents and businesses.
- The information submitted by Cllr Hunt was not technical information and did not factor in cycle lanes or the SPRINT route. Plot 10 of the Athletes Village will bring 239 homes to the area and has been granted planning permission. These homes will be built after the Games and will serve as a legacy.
- If the flyover is kept then it will mean longer delays as the flow of traffic would be constrained with the development of housing in the same area.
- Consultation and engagement has been misunderstood. Currently the Council has been engaging with agencies, stakeholders and others including Highways England, the MP for Perry Barr, neighbouring local authorities and Councillors in neighbouring wards. Engagement has been wide range and positive.
- Consultation and engagement will take place moving forward with additional wards in north-west Birmingham.

- It takes time to create an integrated transport scheme and 1500 homes and the flyover is a barrier to achieving this. There is also a need to make changes to improve public transport.
- The petitions received were signed before the modelling was completed and so were discharged.
- Plain language will be used in the consultation to help resident, businesses and stakeholder understanding.
- That he would like to extend an invitation to the Committee and Perry Barr ward Councillors to be involved in the co-designing of the consultation before proceeding with the full business case. It is anticipated that this will be prior to September 2019.

Phil Edwards added further clarification:

- A CPO follows a set procedure. This includes engaging with landowners on various options.
- Further detailed information has been received from OneStop and this will be looked at in detail. Officers have been engaging with OneStop.
- The Planning Committee approved an appraisal on base options including an adequate housing level.
- Aesthetics of Perry Barr is a secondary issue. Key objectives are to be transformational.
- A number of tiers of modelling have been undertaken. A West Midlands strategic model has been used to model the changes and the impact on neighbouring authorities. The Council has been speaking to contractors with regards to using Plot 10 to manage traffic (a key travel demand as listed in Birmingham Connected).
- Disruption could be longer than 2 years. Consultation to take place followed by a report to Cabinet to receive authority to go forward with a full business case. Consultation will include CGI graphics and use of social media to reach people and help their understanding.
- Work is expected to start in early 2020 with an expected finish in December 2021.
- Schemes do change as part of a consultation exercise so all feedback will be considered as part of the final case put forward to Cabinet.

In response to a query about the CPO process and the possibility of a delay due to a public inquiry Doug Lee confirmed that any public inquiry hearing would be estimated to be held in early July 2019.

Peter Parker explained in respect of the impact of longer journey times that the modelling done indicated with option 2 that there would an additional 1 minute added. Option 3 indicated an additional 2 minutes and was better than the result for option 1. He added that an engagement and consultation plan including a letter drop from the city centre to the M6 motorway would include businesses and residents that

travel through the area. In addition drop-in sessions will be held during the week and weekends to engage with residents, businesses and other stakeholders.

Cllr Hartley requested that the Committee keeps an overview of the transport work in relation to the Games on the Committee's future work programme.

Following further discussion with the Committee the Chair, Cllr Clements confirmed that she would write to the Cabinet Member and officers with the concerns raised including a framework setting out the expectation on consultation and engagement and how the Committee and ward Councillors would be engaged going forward.

It was also agreed that the Committee should receive regular updates on the transport aspect of the work happening in relation to the Games.

A vote was then taken in respect of the request for call-in and the votes were cast as 3 (For), 2 (Against) and 1 (Abstention).

The report was therefore not 'called-in' and the Cabinet Member and officers were advised accordingly.

5. REQUEST(S) FOR CALL IN/COUNCILLOR CALL FOR ACTION/PETITIONS (IF ANY)

None.

6. OTHER URGENT BUSINESS

None.

7. AUTHORITY TO CHAIRMAN AND OFFICERS

Agreed.

RESOLVED:-

That in an urgent situation between meetings the Chair, jointly with the relevant Chief Officer, has authority to act on behalf of the Committee.

The meeting ended at 11:40 hours.

Flood Risk Management Annual Report

Report of the Assistant Director Highways and Infrastructure - March 2019

1. Introduction

A scrutiny review of Flood Risk Management and Response was published in June 2010. This set out 12 recommendations which were completed in 2010. In June 2010, The Flood and Water Management Act 2010 passed into law conveying new responsibilities and making Birmingham City Council a Lead Local Flood Authority (LLFA). This report highlights progress in addressing these statutory responsibilities and provides an update on other flood risk management related issues.

This report also provides an update into areas for improvement identified in the review of the May 2018 flooding conducted by members of the Sustainability & Transport O&S Committee on 19th July 2018.

2. Flood and Water Management Act Duties

The following work has been undertaken to fulfil the LLFA duties under the Flood and Water Management Act.

2.1 Local Flood Risk Management Strategy

The Local Flood Risk Management Strategy for Birmingham, October 2017 continues set out the objectives for managing local flood risk and the measures proposed to achieve those objectives.

2.2 Cooperation with other Flood Risk Management Authorities

The LLFA continues to cooperate extensively with other risk management authorities (RMAs) at various levels as established in the 3 tiered flood risk management governance structure.

2.2.1 Strategic Flood Risk Management Board

The Strategic Board last met in December 2017 and due to the loss of a number of Flood Risk Management staff it was not possible to convene a meeting during 2018. The Strategic Board will meet again in April 2019. The Strategic Board acts as the focus and political driver for partnership activity.

2.2.2 Birmingham Water Group

The Birmingham Water Group met in June 2018 and December 2018 and will meet again in June 2019. The Birmingham Water Group is the officer led partnership working to deliver flood risk management improvements across the City.

2.2.3 Project Groups

The LLFA has worked with partners on a number of projects as follows:

River Rea Partnership

The River Rea Partnership, led by the Environment Agency is currently delivering two flood risk management schemes in the City:

- **Selly Park North Flood Risk Management Scheme:**

Work continues on the Selly Park North Flood Risk Management Scheme. The Environment Agency has worked in partnership with Calthorpe Estates, Birmingham City Council and other organisations to develop the Selly Park Flood Risk Management Scheme to help reduce the risk of flooding.

The area of Selly Park North has a history of flooding from the Bourn Brook severely affecting the area in 2008 and more recently in June 2016. This scheme will help reduce flood risk to 150 properties in the area.

The scheme involves deepening and widening an existing flood water storage area near the Bourn Brook Walkway on Harborne Lane, Harborne. This will increase the capacity of the storage area and offer wildlife and ecology improvements. Flow improvement works are also being carried out at the Pebble Mill development site creating an overland flow route to direct flows into a new bypass culvert running underneath the Pershore Road. This will reduce the risk of fluvial flood water getting onto the highway and into properties. The Environment Agency, Severn Trent Water and Birmingham City council are continuing to look at the residual risk of surface water flooding.

Construction of the scheme is due to be completed March 2019 with landscaping due for completion in the late spring 2019.

- **Selly Park South Flood Risk Management Scheme**

Construction has been completed on the Environment Agency's £2.4 million flood risk management scheme in Selly Park South, with landscaping due to be completed April 2019. The Environment Agency has worked in partnership with St Andrew's Healthcare, Birmingham City Council and other organisations to develop the Selly Park Flood Risk Management Scheme to help reduce the risk of flooding.

The area of Selly Park South has a history of flooding from the River Rea, most notably in 2008 when some residents were forced to move out of their homes as a result of flood damage. This scheme will help protect more than 200 properties in the area from fluvial flooding. The Environment Agency, Severn Trent Water and Birmingham City council are looking at the residual risk of surface water flooding.

The scheme included the construction of an embankment on public open space, immediately upstream of Dogpool Lane bridge to help hold water during extreme heavy rainfall events. Bank levels were also raised downstream of the bridge to reduce the risk of flood water getting into properties.

The River Rea Partnership is currently undertaking the following strategic study:

- **Upper Bourn Brook Study**

The Environment Agency, Severn Trent Water and Birmingham City Council are working together on a catchment wide study to understand the flood risk and develop flood mitigation options for the upper Bourn Brook catchment. The study covers the catchment upstream of Harborne Lane, Selly Oak, taking in Quinton, Woodgate, Bartley Green and Harborne. The study is at an early stage, initial modelling has been undertaken and high level options are being investigated. Once this is complete the Environment Agency will prepare a Strategic Business Case on behalf of the partnership with a view to securing funding to further develop the options.

River Tame Strategy

A key part of the River Tame Strategy is the implementation of the Perry Barr and Witton flood alleviation scheme which is to be delivered over 2 phases. Phase 1 has been completed which increases the level of protection to Perry Barr and Witton but not to the design standard. Phase 2 will increase flood storage in Sandwell Valley, the Environment Agency have begun temporary works to Phase 2 with permanent works due to start in the Summer 2019. The anticipated completion date is late 2020. Birmingham City Council has made a contribution of £600k to this scheme in early 2019.

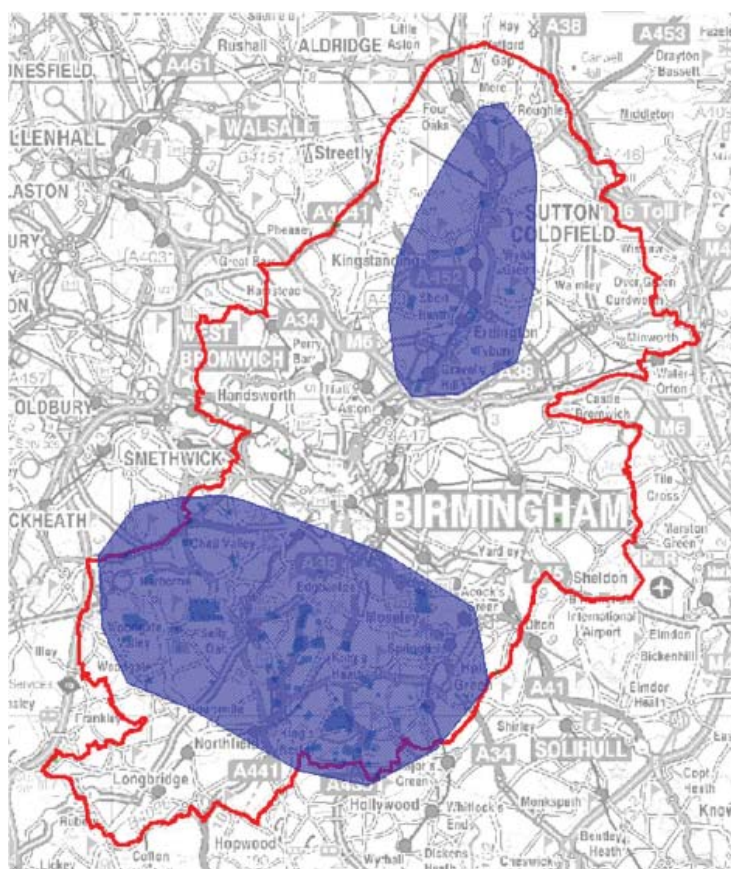
The Bromford reach of the River Tame is subject to ongoing discussion to seek to align budgets for flood risk management and housing development on the Bromford Estate. Discussions also continue with the EA and HS2 to ensure any opportunities in this area are not missed.

2.3 Investigation and Publication of Reports of Flooding Incidents

2.3.1 Significant Flood Events

A significant storm event occurred in Birmingham on 27th May 2018. This storm caused widespread flooding across Birmingham, most notably affecting Bournbrook, Selly Park, Brandwood, Kings Heath, Druids Heath, Harborne, Highters Heath, Sparkhill and Sutton Coldfield.

The main areas affected by the May 2018 storms are shown below.



During the Flood Event

Birmingham City Council received a high number of calls during the event, which reported flooding of properties, gardens and highways.

During the flood events, the LLFA coordinated with multiple Risk Management Authorities (RMAs) to ensure that the impact of flooding was managed effectively and the risk to people and properties was mitigated as far as reasonably practicable

Initial Investigations

As a result of this storm, a significant number of flooding incidents were reported to Birmingham City Council. Immediately following the events, Birmingham City Council distributed approximately 2,000 'Flood Surveys' to all residents within, or in close proximity to, all areas where flooding was reported.

494 responses were received, providing accounts of duration and depth of flooding along with any other pertinent information. These responses reported flood incidents which included internal property flooding, flooding to gardens and flooding to highways and surrounding areas. In total, 39 areas and 170 incidents of internal flooding were reported.

Detailed Investigation and Analysis

The LLFA conducted detailed investigation and individual location analysis of each of the 39 areas where a property experienced internal flooding.

These investigations typically included a review of existing infrastructure and topography, identification of predominant flow paths, site visits and local knowledge gathering

Through a detailed analysis, the LLFA have identified the types of flooding that occurred at each location during the events of May 2018.

Step 4: Recommended Actions

Following the analysis of the 39 affected areas, the LLFA have worked in collaboration with other RMAs to identify opportunities and options to mitigate the potential that a similar rainfall event will result in similar outcomes.

2.3.2 Section 19 Flooding Investigation Report

The Flood and Water Management Act places a duty on LLFAs to investigate incidents of flooding. This is set out in Section 19 of the act and the investigations are therefore typically termed '*Section 19 Reports*.' A draft report has been prepared and is currently subject to consultation with other RMAs. It is anticipated that the final report will be published in late spring 2019 following sign off by the Strategic Flood Risk Management Board as per the previous Section 19 report into the May 2016 flooding.

Birmingham City Council and other RMAs continue to progress the actions identified in the May 2016 Section 19 Report

2.3.3 Flooded Sites Action Tracker

Flood events are tracked in a Flooded Sites Action Tracker. A copy of the most recent tracker is attached in Appendix A. As a result of the May 2018 flooding the number of locations on the tracker has increased substantially. However plans are in place for the majority of locations, but solutions range from works in the current year, through to proposals for longer term national and regional grant funding.

2.4 Register of Flood Risk Management Assets

Birmingham City Council continues to maintain a register of structures or features which, in the opinion of the authority, are likely to have a significant effect on a flood risk in its area. This register can be viewed online.

A number of assets have been inspected over the last 12 months in line with the inspection frequency set out in the asset register. Where an issue with an asset has been identified the asset owner has been notified and asked to undertake the necessary maintenance works.

2.5 Consenting Works on Ordinary Watercourses

Birmingham City Council as LLFA is the Authority responsible for regulating activities on ordinary watercourses in Birmingham. As a result Birmingham City Council is legally responsible for dealing with applications for ordinary watercourse land drainage consents.

In 2018, 11 applications were received.

2.6 Works to Manage Flood Risk

The LLFA has delivered a number of capital and revenue schemes. These works are funded from a variety of funding mechanisms and a considerable number of flood risk management works have been delivered internally on behalf of other BCC service areas. Most notably the Flood Risk Management Team works routinely with our Leisure services team to provide consultancy services for drainage and environmental improvement works as well as arranging statutory inspections under the Reservoir Act 1975 in order that the Council's large raised reservoirs are managed in accordance with the Act.

The following works have been progressed since January 2018.

2.6.1 Grant Funded: Flood Defence Grant in Aid and/or Local Levey

Property level resilience measures: (e.g. fitting of flood doors to properties)

- **Slade Road, Erdington** - currently on site
- **Fisher Close, Frankley** - currently on site
- **Billesley Lane, Moseley** - currently on site

2.6.2 Works Funded by Flood Risk Management Revenue Budget

Routine clearance to all strategic grill structures (frequencies vary from weekly to 6-monthly depending on the criticality of the asset) and additional grill clearance following severe weather:

2.6.3 City Wide

Sandbag distribution to Flood Action Groups.

- **Selly Park South**
- **Selly park North**
- **Northfield**
- **Sparkhill**

Restoring flood channel/culvert capacity by excavation, cutting back vegetation and removing major blockages:

- **Kingswood Road, Longbridge**
- **Sir Johns Road, Selly Park**
- **River Cole, Nethercote Road to Formans Road**
- **Beaumont Road to Arosa Drive, Harborne**
- **Inspecting strategic culvert structures:**

- **Quinton Road, Harts Green**
- **Tyburn Road, Tyburn**
- **Yateley Road Relief culvert, Harborne**
- **Brook Road, Harborne**
- **Park Lane, Castle Vale**
- **Eachlehurst Road, Walmley Ash**
- **Harborne Road, Harborne**
- **Hassop Road, Perry Beeches**

2.6.4 Inspection & maintenance work to flood defence assets:

- **Reynolds Road, Hockley Brook**
- **Overdale Road, Quinton**
- **Pensby Close, Springfield**
- **Mellors Close, Harborne**
- **Eachlehurst Road, Walmley Ash**
- **Hassop Road, Perry Beeches**

2.6.5 Works provided for other BCC Departments

On behalf of Housing:

- **Beaumont Drive, Harborne** - inspection & maintenance of flood assets
- **Fisher Close, Frankley** - inspection & maintenance of flood assets
- **Wheeler's lane, Kings Heath** – overland flow management
- **Glenside, Bartley Green** – overland flow management
- **Olton Boulevard West, Acoc's Green** - Restoring flood channel/culvert capacity
- **Perry Common Brook, Perry Common** - Restoring flood channel capacity and maintenance SuDS features

On behalf of Education:

- **Skills School, Redditch** – investigation works resolve localised flooding
- **Broadmeadow School, Kings Norton** – Bunding and associated drainage work
- **Sundridge School, Kingstanding** – Overland flow management and attenuation work.

On behalf of Bereavement:

- **Brandwood End Cemetery, Brandwood** – investigation and report with recommendations, asset improvement and maintenance works to resolve localised flooding

On behalf of Leisure:

- **Bleakhill Recreational Ground, Erdington**- Restoring flood channel capacity and stabilising embankment
- **Westley Brook, Sheldon** – Restoring flood channel capacity
- **Ward End Pool, Washwood Heath** – Water quality improvement works

- **Handsworth Park, Handsworth Wood** – Water quality improvement works
- **Queens Park, Harborne** – Major storm water attenuation basin
- **Marsh Hill, Erdington** - Restoring flood channel capacity
- **Formans Road, Spaxhill** - Restoring off-line flood storage capacity
- **Calthorpe Park, Edgbaston** – Overland flow management
- **Perry Hall Playing Fields, Perry Barr** - Emergency repair work to existing drainage system.
- **Scribblers lane, Billesley**- Restoring flood channel capacity
- **Knightlow Road, Harborne**, - Restoring flood channel capacity, bank stabilisation works and bridge replacement works.
- **Sarehole Mill, Springfield** - Restoring flood channel capacity
- **Park Lane, Castle vale** - Restoring flood channel capacity
- **Ackers culvert, Tyseley** – Asset management and restoring flood channel capacity of culvert.

On behalf of Transportation:

- **Plants Brook, Upper Holland Road, Sutton Coldfield** - Restoring flood channel/culvert capacity

On behalf of Highways

- **A38 Sutton Coldfield By-Pass** – routine maintenance of gullies, drainage system and ditch clearances

On behalf of external organisations

- **River Cole Formans Road to Acker site** – Restoring flood channel/culvert capacity by excavation, cutting back vegetation and removing major blockages (Environment Agency)
- **Stephens Pool, Sutton Coldfield** – Restoring flood capacity and environmental improvement works (Kingstanding Regeneration Trust)

2.6.6 Major Reservoir Works provided for BCC Leisure Services

- **Ward End Pool, Washwood Heath** – Safety works to dam walls and environmental improvement works
- **Witton Reservoir, Erdington**- Maintenance work to penstock, outfall, emergency spillway and Dam
- **Lifford Reservoir, Kings Norton** - Maintenance work to spillway and Dam
- **Trittford Reservoir, Yardley Wood** – Safety maintenance work auxiliary spillway & weir structure
- **Swanshurst Reservoir, Wake Green** – Maintenance work to Dam, outlet and spillway structure
- **Salford Reservoir, Aston**- Maintenance work to Dam, headwalls and installing additional monitoring stations to check structural movement
- **Bracebridge Reservoir, Sutton Coldfield** – Safety works to Dam wall
- **Longmoor Reservoir, Sutton Coldfield** – Safety works to spillway and refurbishment works to existing penstock

- **Powells Reservoir, Sutton Coldfield** – Safety works to dam walls ,existing penstock and spillway
- **Wyndley Reservoir, Sutton Coldfield** - Safety works to weir spillway and maintenance work to penstock

3. Flood Risk Regulations Duties

The Flood Risk Regulations implement the EU Floods Directive in England. They provide a framework for managing flood risk over a 6 year cycle, comprising:

- preliminary flood risk assessment (PFRA)
- identification of areas of potential significant risk, referred to as flood risk areas (FRAs)
- mapping of flood hazards and risk and
- Flood Risk Management Plans (FRMPs), setting out measures and actions to reduce the risk

LLFAs worked with the Environment Agency to publish the first set of FRMPs, covering the 10 river basin districts in England, on 17 March 2016. These plans set out how RMAs are working together, and with communities, to manage flood and coastal risk over the next 6 years up to December 2021.

The second round of the cycle commenced in 2017, with an updated PFRA produced in June 2017. In 2019 the Environment Agency will prepare flood hazard maps and flood risk maps for each Flood Risk Area to meet the deadline of June 2019.

4. Statutory Consultee Role for Planning

The LLFA is a statutory consultee for surface water on major developments (10 dwellings or more; or equivalent non-residential or mixed development). Local planning decisions are expected to ensure that SuDS for the management of runoff are put in place unless demonstrated to be inappropriate and that the sustainable drainage system should be designed to ensure that the maintenance and operation requirements are economically proportionate.

The number of applications, discharge of conditions and pre-app enquiries in between 2016 and 2018 is as follows:

Year	Total No. of Applications	Major Planning Applications	Pre-App/General Enquiries	Discharge of Condition
2016	380	156	72	152
2017	405	185	94	126
2018	392	140	83	169

5. Funding

5.1 Funding Streams

Funding for Lead Local Flood Authority

Funding for LLFAs to meet the duties under the Flood Water Management Act is provided to Birmingham City Council as part of its annual settlement.

Revenue Budget

A small budget is provided to support flood management responsibilities, these include land drainage, maintenance of ordinary watercourses and emergency response. This budget has reduced over recent years in line with City Council budget cuts.

Flood Defence Grant in Aid - Partnership Funding

In the past, flood risk management schemes were generally funded by central government through the Flood Defence Grant in Aid (FDGIA) process which allocated funding to projects nationally based on cost/benefit prioritisation. This led to only schemes that scored highly in terms of benefits outweighing costs being taken forward.

From 2012 a revised approach has been undertaken. Funding levels for each scheme, paid by central government as FDGIA, relate directly to the benefits the scheme delivers, including number of households protected, damages prevented, deprivation, environmental benefits and amenity improvement. If the FDGIA does not cover the cost of the scheme, in order to proceed the scheme cost can be reduced and/or local contributions would need to be found.

Local Levy

The City Council pays levies to the Environment Agency as Local Levy, in 2017/18 the Local Levy contribution was £283,000. The Local Levy is raised by the Regional Flood and Coastal Committee (Birmingham sits within the Trent Committee area) and is used as a locally-raised source of income to fund projects within the Trent region. It can be used to fund projects that might not be eligible for national funding or as a regional contribution to scheme costs under the partnership funding approach.

5.2 Funding Pressures

Historic reductions in budget due to savings requirements have made it increasingly difficult to fulfil the duties under the Flood and Water Management Act, carry out the statutory consultee role for planning and undertake maintenance of flood risk management assets and provide emergency response.

The Partnership Funding process has resulted in a range of funding sources being required to promote and deliver flood risk management schemes. For some schemes this includes an element of FDGiA together with an element of Local Levy but for many schemes this still leaves a shortfall which needs to be provided as third party contributions. This approach puts significant pressure on limited resources to foster agreements and collaborations to facilitate schemes. In order for these schemes to progress local contributions or contributions from beneficiaries of the schemes need to be sought.

Aligning funding sources and facilitating the promotion of projects as well as seeking new funding opportunities continues to be a major priority for the Strategic Flood Risk Management Board going forward.

6. Scrutiny: Areas for Improvement

Subsequent to the flooding on 27th May 2018, Councillors Jon Hunt and Roger Harmer took a motion for debate to the Birmingham City Council meeting on 12th June 2018 calling for an inquiry into the floods of May 2018, to be carried out promptly. The motion called for the inquiry to include strong resident input and for the report to be debated as a main agenda item at a future Full City Council meeting. The review was conducted by members of the Sustainability & Transport O&S Committee on 19th July 2018. A number of areas for improvement were noted in the subsequent investigation report. Progress against each area for improvement is outlined below.

6.1 Emergency Response Procedures

Area for Improvement: *This flood was significant and although not classified as a Major Incident and no triggers to activate the Emergency Arrangements were met, the impact was significant for all those concerned. The lack of notification and alerting by strategic partners resulted in the City Council not being able to establish the level of coordinated support it would wish. As part of a wider review, the City Council is enhancing its response and emergency arrangements, lowering the triggers to alert the Resilience team and ensuring their involvement. It is also working with strategic partners to ensure that more robust notification of incidents occurs. These changes are needed to provide residents and businesses with a more coordinated support package both during and after such flood events which meet the changing needs of residents during the recovery cycle.*

Update: The Council's Emergency Plan has been reviewed and an interim update has been issued with the latest version due to be published early March 2019. All core council roles within the plan have been identified and training provided and activation of the duty officer (Council) remains key to activating any of our arrangements. The proactivity of the duty officer has been increased and we are actively promoting the notification of Birmingham City Council from partners (and following up any missed notifications) by partners.

6.2 Model Constitution or Model Template for Flood Action Groups

Area for Improvement: *During the evidence gathering there was an offer of support from Paul Cobbing on behalf of the National Flood Forum to liaise with the City Council and to provide advice, mentoring and support to local residents wishing to set up a FLAG. It is hoped that Birmingham City Council will respond positively to this offer and that a model constitution or model template for FLAGS can be produced which can be made available as a resource to support local people to set up and run FLAGS in their area. However, as with any potential provision of support from the NFF to supplement the Birmingham City Council functions (either through establishing FLAGS or supporting citizens in recovery following an incident), funding will need to be identified and a clear understanding of what will be delivered for that funding will have to be agreed with the NFF and potentially other partner organisations.*

Update: The BCC Resilience team have been supporting FLAGS as much as it can alongside their other duties, since the floods in May 2018. Birmingham City Council working in partnership with the Environment Agency intends to promote the existing FLAG template prepared by the NFF. Flood Risk Management and Resilience will be considering how the NFF can support Birmingham City Council in the future.

6.3 Traffic Management during flood events

Area for Improvement: *The issue of Traffic Management during flood events needs to be followed up with both West Midlands Police and National Express West Midlands and other bus operators to make sure that a mechanism is put in place to ensure that traffic is re-routed and diverted away from flooded areas during a major incident.*

Update: Whilst it remains an operational consideration of all transport providers as to their routing, when activated, there are links and mechanisms in place to engage transport providers by Birmingham City Council as part of all our arrangements, the duty officer is able to contact transport providers and will endeavour to in a prioritised way (e.g. after dealing with risk to life and similar resident issues).

6.4 River Cole Valley Partnership

Area for Improvement: *A River Cole Valley Partnership arrangement should be pursued by the Environment Agency along the lines of the arrangements already in existence for the*

rivers Rea and Tame, to facilitate the provision of flood defence and flood alleviation measures along the River Cole Valley.

Update: The Environment Agency and Birmingham City Council have been working together since the floods of 2007 to develop flood alleviation measures along the River Cole valley. Over this time a number of partnerships have been developed including a joint study with Severn Trent Water and Solihull Metropolitan Borough Council. A number of options have been examined all of which failed to meet the central government cost benefit ratio for flood defence schemes.

The Environment Agency and Birmingham City Council have worked in partnership to undertake a debris removal along the River Cole since the flood event in May 2018. This work will reduce the risk of channel blockages and improve the conveyance of flows through the river.

In addition to this, the Environment Agency has been undertaking a programme of removing Japanese knotweed along the River Cole since 2018 as part of a 5 year eradication programme. This work will reduce the risk of damage to essential flood risk infrastructure.

The Environment Agency and Birmingham City Council have had further discussions since the 2018 flooding about developing a flood risk management scheme to offer protection to properties along the River Cole corridor including reviewing the risk status of the river and potential emainment to identify funding opportunities.

The Environment Agency has suggested that a catchment wide approach to managing flood risk needs to be taken to develop a programme for the next central government funding cycle (2021 - 2026). It has been agreed to invite Solihull LLFA and Worcestershire LLFA to form a catchment Partnership with Birmingham City Council and the Environment Agency to undertake an optioneering exercise to identify potential options for reducing flood risk.

Solihull LLFA are currently completing their Section 19 Report into the May 2018 storm event and flooding, and Worcestershire has completed into investigation into the flooding experienced in Hollywood in the upper reaches of the River Cole catchment. This information will be used to assess the number of properties at risk of flooding within the catchment and to assess funding opportunities.

Ref	Linked event	Date	Street	Area	Detail	Responsible Organisation			Progress	Action Undertaken to date:	Action to be undertaken next 6 months
2012-019	2016-015	28-Jun-12	Elford Road	Harborne	Flooding to front and rear of properties	EA				Potential scheme identifies incorporating storage on Stonehouse Brook in Senneleys Park . Modelling undertaken to explore opportunities as part of catchment wide study of Bourn Brook	EA to submit bid for 2021 six year programme
2012-023		28-Jun-12	Greenacres	Bartley Green	Call from EA to say watercourse had broke its banks, garden of property was flooded and may enter property	EA				Potential scheme identifies incorporating storage on Stonehouse Brook in Senneleys Park . Modelling undertaken to explore opportunities as part of catchment wide study of Bourn Brook	EA to submit bid for 2021 six year programme
2012-024	2016-012	28-Jun-12	Middleacre Road	Bartley Green	Flooding from Mill Lane grills.	EA				Potential scheme identifies incorporating storage on Stonehouse Brook in Senneleys Park . Modelling undertaken to explore opportunities as part of catchment wide study of Bourn Brook	EA to submit bid for 2021 six year programme
			Middleacre Road	Bartley Green	Internal flooding 4 feet deep.					Potential scheme identifies incorporating storage on Stonehouse Brook in Senneleys Park . Modelling undertaken to explore opportunities as part of catchment wide study of Bourn Brook	EA to submit bid for 2021 six year programme
2012-025	2016-012	28-Jun-12	Rush Green	Bartley Green	Internal flooding, 4" - 5"	EA				Potential scheme identifies incorporating storage on Stonehouse Brook in Senneleys Park . Modelling undertaken to explore opportunities as part of catchment wide study of Bourn Brook	EA to submit bid for 2021 six year programme
2012-026	2016-012	28-Jun-12	Mill Lane	Bartley Green	Internal flooding, depth not given.	EA				Potential scheme identifies incorporating storage on Stonehouse Brook in Senneleys Park . Modelling undertaken to explore opportunities as part of catchment wide study of Bourn Brook	EA to submit bid for 2021 six year programme
2012-031	2016-023	28-Jun-12	Overdale Road	Quinton	Combined flooding, partly from storm sewers, foul sewers and potentially a culverted watercourse. Properties are in a depression below road level.	BCC - LLFA	STW			PLR scheme completed March 16, however during 2016 there was ingress of water into the properties. Funding bid for additional PLR works unsuccessful. Modelling undertaken to explore opportunities as part of catchment wide study of Bourn Brook. Further ingress of water during May 2018 event. BCC surveyed existing PLR	BCC to undertake repairs to doors/pointing from original scheme. STW to commission survey to understand what additional measures are required.
2012-041	2016-019	24-Sep-12	Selly Park North	Selly Park	Flooding from blocked gullies	STW	EA	Amey		STW cleansing complete. Potential scheme identified. Amey looking at possible highway realignment to direct runoff towards River Rea. "Wall Removed, new fencing in place," EA working to establish FLAG Dropped Kerbs and additional gullies installed	STW to send questionnaire to understand residual risk.
2012-006		24-Sep-12	Brookvale Road/Tame Road	Witton	EA warning received for gauge at Brookvale Road reached 2.6m and rising.	EA				Phase 1 complete (raised walls at Witton).	Phase 2, storage in Sandwell Valley, under construction
2012-046		25-Nov-12	Foremans Road/Percy Road	Sparkhill	River burst its banks, Allotments flooded, Properties at risk of flooding	EA	STW	BCC - LLFA		EA study has concluded that a fluvial only scheme isn't cost beneficial. BCC undertaking river clearance Channel / debris Amey cleared gullies and replaced two sunken collapsed Gullies STW have not identified any issues with opumong station in May 2018 event.	Meeting to be held with EA, BCC, Solihull DC and Worcestershire CC to discuss way forward.
2013-001		23-Jul-13	Slade Road	Erdington	Internal flooding to property (1-2 inches), neighbour at 5 Hillside Road also affected.	BCC - LLFA	STW			Work commenced on site	Completion of work on site
2013-012		23-Jul-13	Slade Road	Erdington	Internal flooding to property and neighbouring properties.	BCC - LLFA	STW			Work commenced on site	Completion of work on site
2013-013		29-Jul-13	Glover Road	Sutton Coldfield	Flooding of highway	STW				STW have investigated and found blockages.mh 1210 up/s 2252 = 70% mass roots. mh 1210 d/s 1211 = 75% roots / debris at 17m. mh 1211 – 2255 – 3252 – 5255 swo = 1050mm sws all ok.	STW to clear blockages Need update fro mSTW
2016-002		08-Jun-16	Sivercroft Avenue	Handsworth Wood	Internal flooding to 6 properties with further floding to gardens and highways	BCC - LLFA & Leisure	STW			Removal of sediment and vegetation from sections of Hilltop Brook. Submerged outfalls cleared. STW intital investigation undertaken. Scheme submitted by BCC into E.A. 2021 six year programme	Awaiting confirmation of scheme acceptance into programme SNC501E/000A/042A
2016-003		08-Jun-16	Grestone Avenue and Sunningdale Close	Handsworth Wood	Internal flooding to 3 properties in Grestone Avenue and Sunningdale close, garden and highway flooding in Craythorne Avenue	BCC - LLFA & Leisure	STW			Removal of localised blockages and accumulations of silt in Hilltop Brook. STW intital investigation undertaken.BCC have given information for STW to update their records and hydraulic model. Scheme submitted by BCC into E.A. 2021 six year programme	Awaiting confirmation of scheme acceptance into programme SNC501E/000A/041A

Ref	Linked event	Date	Street	Area	Detail	Responsible Organisation			Progress	Action Undertaken to date:	Action to be undertaken next 6 months
2016-004		08-Jun-16	Beeches Road, Bradfield Road, , Curbar Road, Grindleford Road, Haddon Road, Hassop Road, Sterndale Road, Thornbridge Avenue, Trehurst Avenue and Turnberry Road	Perry Beeches	Internal flooding to 44 properties, extensive garden and highway flooding affecting 20 roads	BCC - LLFA & Leisure	STW	Highways England		Silt removed from culvert between Beeches Road and Hassop Road. Feasibility study undertaken to understand flooding mechanism and develop mitigation options. Drainage issues with M6 drainage corrected. All highway drainage cleansed and checked. STW initial investigation undertaken. Focus group meeting was held with community to assess how representative modelling was and update them of Actions taken and plans for schemes . Discussed with STW potential Partnership schemes.	Awaiting confirmation of scheme acceptance into programme. SNC501E/000A/098A. STW to run Model with rain guage data for June 2016 flood to compare with observed flood depths.
2016-005		08-Jun-16	Old Walsall Road	Hamstead	Internal flooding to 1 property, including highway and garden flooding.	BCC - LLFA & Housing				Combined with Dainton Grove as a PLR Scheme. Not taken forawrd due to lack of evidence of flooding in high return periods - Passed to Housig ti ssee if they can fund.	Folow up with Housing
2016-010		16-Jun-16	Dainton Grove	Bartley Green	Internal flooding to 1 property	BCC - Housing				Combined with Old Walsall Road properties for PLR Doesn't qualify for FDGiA & PLR - passed to Housing to see if they can fund.	Folow up with Housing
2016-006		08-Jun-16	Highcroft Drive	Four Oaks	Internal flooding to 1 property. Additional highway and garden flooding in Knighton Drive and Park View Road	Amey				STW initial investigation undertaken Amey to install two additional highway gullies in Highcroft Drive.	Amey to confirm if Additional gullies have been instaled
2016-007		08-Jun-16	Willmott Road, Marlpit Lane and Slade Road	Roughley	Internal flooding to 8 properties. Flooding to highway and gardens near Weaver Court.	STW				All highway drainage cleansed and checked. STW initial investigation undertaken.	STW to commence investigation
2016-008		08-Jun-16	Church Road	Perry Barr	Internal flooding to 2 properties.	BCC - LLFA & Leisure	STW	EA		All highway drainage cleansed and checked. STW initial investigation undertaken. BCC met with E.A. to discuss potential bid.	EA to undertake additional modelling.
2016-009		10-Jun-16	Cremorne Road and Mere Green Road	Mere Green	Internal flooding to 5 properties	STW				All highway drainage cleansed and checked. STW initial investigation undertaken.	STW to keep in programme for next AMP
2016-011		16-Jun-16	Plough Avenue, Bean Croft, Square Close, Tibbats Close, Ox Leasow, Warston Avenue, County Close, Sommerfield Road, Rush Piece and Gravel Bank	Woodgate	Internal; property flooding to 38 properties.	BCC - LLFA	STW			Feasibility study undertaken to understand flooding mechanism and develop mitigation options. All highway drainage cleansed and checked. STW initial investigation undertaken.Modelling undertaken to explore opportunities as part of catchment wide study of Bourn Brook	EA to submit bid for 2021 six year programme Need confirmation
2016-012	2012-024 2012-025	16-Jun-16	Middle Acre Road Rush Green	Bartley Green	Internal property flooding to 4 properties	BCC - LLFA & Leisure	EA			Bartley Brook culvert inspected Bartley Brook suveyed and incorporated into river model . Modelling undertaken to explore opportunities as part of catchment wide study of Bourn Brook	EA to submit bid for 2021 six year programme Need confirmation
2016-013		16-Jun-16	Carhampton Road	Falcon Lodge	Internal flooding to 2 properties	BCC - LLFA & Housing	STW			Gullies cleared and inspected. Trash screen on Churchill Brook Cleared STW initial investigation undertaken. Scheme submitted by BCC into E.A. 2021 six year programme	Awaiting confirmation of scheme acceptance into programme. SNC501E/000A/036A
2016-014		16-Jun-16	Bristol Road	Selly Oak	Internal flooding to 2 properties	BCC - LLFA	EA	Amey	STW	Environment Agency potential scheme identified. Amey and STW investigation undertaken. Amey have identified cross connection issues between sewers and highway drainage.	Continue to explore options for funding towards Bourn Brook Scheme. STW to undertake initial investigation to look at effects of river levels on sewers
2016-015	2012-019	16-Jun-16	Osmaston Road Swinford Road Elford Road Reservoir Road Quinton Road Lismore Drive	Harborne	Internal flooding to 33 properties	BCC - LLFA	EA	Amey	STW	Highway drainge checked, cleared and jetted Harts Green Brook culverted checked and cleared Debris Clearance on bridges and weir structures on Bourn Brook. Modelling undertaken to explore opportunities as part of catchment wide study of Bourn Brook	EA to submit bid for 2021 six year programme Confirmation required EA have undertaken
2016-017		16-Jul-16	Pretoria Road	Bordesley Green	Internal flooding to 2 properties	BCC - LLFA		Amey		All highway drainage cleansed and checked. Scheme submitted by BCC into E.A. 2021 six year programme	Awaiting confirmation of scheme acceptance into programme SNC501E/000A/040A
2016-018		16-Jun-16	Alum Rock Road	Alum Rock	Internal flooding to 2 properties	Amey				Amey cleansed gullies. Siltation issues identified with STW pumping station. Amey report that one gully lead is blocked, and they will arrange a road closure and clear the blockage. It is believed that this will alleviate the flooding problems.	Road closure to clear blocked gully

Ref	Linked event	Date	Street	Area	Detail	Responsible Organisation			Progress	Action Undertaken to date:	Action to be undertaken next 6 months	
2016-019	2012-041	16-Jun-16	Pershore Road Riverside Drive Sir Johns Road Third Avenue Fourth Avenue	Selly Park North	Internal flooding to 33 properties.	BCC - LLFA	STW	EA		Boundary wall modified. Flood alleviation scheme commenced by Environment Agency. STW cleansing complete. Potential scheme identified. EA working with community on re-establishment of FLAG Amey looking at possible highway realignment to direct runoff towards River Rea.	EA scheme due to complete Christmas 2018 STW to send questionnaire to understand residual risk.	
2016-020		16-Jun-16	Fredas Grove	Harborne	Internal flooding to 1 property	EA		Harborne Golf Club		Discussions held with Harbone Golf Club. Scheme submitted by BCC into E.A. 2021 six year programme	EA to submit scheme with bornbrook project	
2016-022		16-Jun-16	Eastern Road	Selly Oak	Internal Flooding to 2 properties	BCC - LLFA				Scheme submitted by BCC into E.A. 2021 six year programme	Awaiting confirmation of scheme acceptance into programme SNC501E/000A/043A	
2016-023	2012-031	16-Jun-16	Ridgemont Croft Overdale Road Firsby Road	Quniton	Internal Flooding to 5 properties	BCC - LLFA	EA	Amey	STW	Reviewed PLR scheme at Overdale Road, unable to secure further funding STW initial investigation undertaken.	Explore opportunities as part of catchment wide study of Bourn Brook	
2016-025		16-Jun-16	Billesley Road	Kings Heath	Internal Flooding to 2 Properties with + 4 at High Risk	BCC - LLFA				Work commenced on site	Completion of work on site	
2018- 001		27- May- 18.	Broom Hall Crescent	Acocks Green - Broom Hall Crescent	Internal flooding to 1 property	Amey		STW		Weir gullies getting blocked with litter, removed and replaced with standrd gullies.	STW to check capacity of sewer network	
2018- 003		27- May- 18.	Ardencote Road	Billesley - Ardencote	Internal flooding to 3 properties	BCC- Housing		BCC- LLFA			Draft Section 19 Report completed and shared with partners for comment	Progress S19 Investigation Actions
2018- 005		27- May- 18.	Hubert Road	Bournbrook & Selly Park - Hubert	Internal flooding to 1 properties	BCC- LLFA		Amey	Property Owners		Draft Section 19 Report completed and shared with partners for comment	Progress S19 Investigation Actions
2018- 006		27- May- 18.	Oakfield Road	Bournbrook & Selly Park - Oakfield	Internal flooding to 1 property	BCC- LLFA		Property Owners			Draft Section 19 Report completed and shared with partners for comment	Progress S19 Investigation Actions
2018- 007	2012-041 2016-019	27- May- 18.	Fourth Avenue Pershore Road Nr Sir Johns Riverside Drive Sir Johns Road Third Avenue	Bournbrook & Selly Park - Selly Park North	Internal flooding to 23 property	EA		Amey	STW			
2018- 008		27- May- 18.	Fashoda Road	Bournbrook & Selly Park - Selly Park South	Internal flooding to 1 property	EA		Property Owners			Draft Section 19 Report completed and shared with partners for comment	Progress S19 Investigation Actions
2018- 009		27- May- 18.	Pershore Avenue	Bournbrook & Selly Park - The Avenues	Internal flooding to 4 properties	EA		STW	Property Owners		Draft Section 19 Report completed and shared with partners for comment	Progress S19 Investigation Actions
2018- 010		27- May- 18.	Laburnum Road	Bournville & Cotteridge - Laburnum	Internal flooding to 1 property	BCC - LLFA				Draft Section 19 Report completed and shared with partners for comment	Progress S19 Investigation Actions	
2018- 011		27- May- 18.	Greenwood Close Sunderton Road Broad Lane	Brandwood & Kings Heath - Brandwood Cemetery	Internal flooding to 5 properties	BCC - Bereavement				Draft Section 19 Report completed and shared with partners for comment	Progress S19 Investigation Actions	
2018- 012		27- May- 18.	Brandwood Park Road	Brandwood & Kings Heath - Brandwood Park Road	Internal flooding to 3 properties	BCC- Housing		Amey			Draft Section 19 Report completed and shared with partners for comment	Progress S19 Investigation Actions
2018- 013		27- May- 18.	High Street	Brandwood & Kings Heath - High Street	Internal flooding to 2 commercial properties	BCC- LLFA		Amey	Property Owners		Draft Section 19 Report completed and shared with partners for comment	Progress S19 Investigation Actions
2018- 014		27- May- 18.	Newick Grove Bryndale Avenue	Brandwood & Kings Heath - Newick/Bryndale	Internal flooding to 2 properties	BCC - LLFA		Amey			Draft Section 19 Report completed and shared with partners for comment	Progress S19 Investigation Actions
2018- 015		27- May- 18.	Bayston Road Kinsey Grove	Druids Heath & Monyhull - Bayston/Kinsey	Internal flooding to 2 properties	BCC - Lesisure				Draft Section 19 Report completed and shared with partners for comment	Progress S19 Investigation Actions	

Ref	Linked event	Date	Street	Area	Detail	Responsible Organisation			Progress	Action Undertaken to date:	Action to be undertaken next 6 months	
2018- 016		27- May- 18.	Bicknell Croft Saxelby Close	Druids Heath & Monyhull - Bicknell/Saxelby	Internal flooding to 11 properties	BCC - LLFA	BCC - Housing			Draft Section 19 Report completed and shared with partners for comment	Progress S19 Investigation Actions	
2018- 018		27- May- 18.	Rowcroft Covert	Druids Heath & Monyhull - Rowcroft	Internal flooding to 2 properties	BCC - LLFA	BCC - Housing			Draft Section 19 Report completed and shared with partners for comment	Progress S19 Investigation Actions	
2018- 019		27- May- 18.	Sherston Covert	Druids Heath & Monyhull - Sherston	Internal flooding to 1 property	BCC - LLFA	BCC - Housing			Draft Section 19 Report completed and shared with partners for comment	Progress S19 Investigation Actions	
2018- 020		27- May- 18.	Barsham Close	Edgbaston - Barsham	Internal flooding to 2 properties	BCC - Hosuing				Blocked gullies cleansed by Housing	Progress S19 Investigation Actions	
2018- 022		27- May- 18.	Spring Lane	Erdington - Spring Lane	Internal flooding to 1 property	STW				Draft Section 19 Report completed and shared with partners for comment	Progress S19 Investigation Actions	
2018- 023		27- May- 18.	Brookwood Avenue	Hall Green South - Brookwood	Internal flooding to 1 property	BCC - LLFA				Debris clearance of River Cole undertaken	Progress S19 Investigation Actions	
2018- 024	2012-019 2016-015	27- May- 18.	Beaumont Drive Quinton road Reservoir Road	Harborne - Bourn Brook	Internal flooding to 8 properties	BCC - LLFA, Hosuing&Leisure	STW	EA				
2018- 025		27- May- 18.	Clarence Road	Harborne - Clarence	Internal flooding to 4 properties	BCC - LLFA	Amey	Midland Heart		Draft Section 19 Report completed and shared with partners for comment	Progress S19 Investigation Actions	
2018- 026		27- May- 18.	Cadleigh Gardens Mill Farm Road	Harborne - Mill Farm/Cadleigh	Internal flooding to 8 properties	BCC - LLFA, Hosuing & Leisure	Amey	STW	EA		Defective highway gully gratings replaced	Progress S19 Investigation Actions
2018- 027		27- May- 18.	Weather Oaks	Harborne - Weather Oaks	Internal flooding to 2 properties	BCC- Housing		Private Owners via Metro PM			Gullies cleansed and road swept	Progress S19 Investigation Actions
2018- 028		27- May- 18.	Arundel Road	Highters Heath - Arundel	Internal flooding to 2 properties	BCC - LLFA	Private Owner	Amey			Gullies checked and cleansed	Progress S19 Investigation Actions
2018- 030		27- May- 18.	Henlow Road	Highters Heath - Henlow + Sladepool Farm Road	Internal flooding to 5 properties	BCC - LLFA	BCC - Leisure	Private Owner	Amey		Draft Section 19 Report completed and shared with partners for comment	Progress S19 Investigation Actions
2018- 031		27- May- 18.	Mountfield Close	Highters Heath - Mountford	Internal flooding to 2 properties	Amey				Gullies checked and cleansed	Progress S19 Investigation Actions	
2018- 032		27- May- 18.	Warstock Road	Highters Heath - Warstock	Internal flooding to 3 properties (1 commercial)	STW				Amey cleansed gullies. Siltation issues identified with STW pumping station.	Progress S19 Investigation	
2018- 033		27- May- 18.	Moor Green Lane Cadine Gardens Seaton Grove Shutlock Lane	Moseley - Moor Green	Internal flooding to 9 properties	BCC - Leisure	Amey			Draft Section 19 Report completed and shared with partners for comment	Progress S19 Investigation Actions	
2018- 035		27- May- 18.	Wadhurst Road	North Edgbaston - Wadhurst	Internal flooding to 11 properties	BCC - Planning	Avery Fields Community Sports Trust			Gullies checked and cleansed. Meeting held with developer to discuss issues and explore options	Progress S19 Investigation Actions	
2018- 036		27- May- 18.	Queslett Road	Oscott - Queslett	Internal flooding to 1 properties	BCC - Education				Existing site drainage cleansed. Additional drainage and wall installed.	Progress S19 Investigation	
2018- 038		27- May- 18.	Tyburn Road	Pype Hayes - Tyburn	Internal flooding to 1 property (commercial)	BCC - LLFA	BCC- Leisure	Property Owners			Draft Section 19 Report completed and shared with partners for comment	Progress S19 Investigation Actions
2018- 039		27- May- 18.	Amersham Close	Quinton - Amersham	Internal flooding to 2 properties	BCC - Housing				Draft Section 19 Report completed and shared with partners for comment	Progress S19 Investigation Actions	

Ref	Linked event	Date	Street	Area	Detail	Responsible Organisation			Progress	Action Undertaken to date:	Action to be undertaken next 6 months
2018- 040	2012-046	27- May- 18.	Avondale Road Formans Road Pentos Drive Percy Road	Sparkhill	Internal flooding to 31 properties (3 commercial)	EA				Draft Section 19 Report completed and shared with partners for comment	Progress S19 Investigation Actions
2018- 041		27- May- 18.	Dell Road	Stirchley - Dell	Internal flooding to 1 property	BCC - LLFA	Amey	Severn Trent Water		Draft Section 19 Report completed and shared with partners for comment	Progress S19 Investigation Actions
2018- 042		27- May- 18.	Pitcairn Close	Stirchley - Pitcairn	Internal flooding to 3 properties	BCC - LLFA				Outline scheme developed and funding bid submitted	Progress S19 Investigation
2018- 043		27- May- 18.	Wyndley Lane	Sutton Trinity - Wyndley Lane	Internal flooding to 2 properties	Leisure Centre Management				Blocked gullies cleaned by land manager	
2018- 044		27- May- 18.	Boldmere Road	Sutton Vesey - Boldmere	Internal flooding to 2 properties (commercial)	BCC - LLFA	Private Owner	Severn Trent Water		Draft Section 19 Report completed and shared with partners for comment	Progress S19 Investigation Actions
2018- 045		27- May- 18.	Wakefield Close	Sutton Vesey - Wakefield	Internal flooding to 3 properties	BCC - LLFA	Private Owner	Severn Trent Water		Severn Trent Water sewer in Wakefield Road has been completed	Progress Scetion 19 Investigation

Organisation

	BCC
	STW
	EA
	Amey
	Other

Progress

	Mechanism or organisation not identified or no plan in place.
	Initial action complete, plan in place for long term action. Investigation underway or complete but works not started.
	Complete or no further action required or ongoing maintenance
	Location already covered on previous action tracker

Report of:	Cabinet Member for Transport & Environment - Cllr Waseem Zaffar
To:	Sustainability & Transport Overview & Scrutiny Committee
Date:	14 March 2019

Progress Report on Implementation: Birmingham Tree Policy

Review Information

Date approved at City Council:	06 February 2018
Member who led the original review:	Councillor Fiona Williams
Lead Officer for the review:	Rose Kiely, Group Overview & Scrutiny Manager
Date progress last tracked:	9 th November 2018

1. In approving this Review the City Council asked me, as the appropriate Cabinet Member, to report on progress towards these recommendations to this Overview and Scrutiny Committee.
2. Details of progress with the remaining recommendations are shown in Appendix 2.
3. Members are therefore asked to consider progress against the recommendations and give their view as to how progress is categorized for each.

Appendices

1	Scrutiny Office guidance on the tracking process
2	Recommendations you are tracking today
3	Recommendations tracked previously and concluded

For more information about this report, please contact

Contact Officer:	Simon Needle
Title:	Principal Arboriculturist/ Principal Ecologist
Telephone:	0121 675 0938
E-Mail:	simon.needle@birmingham.gov.uk

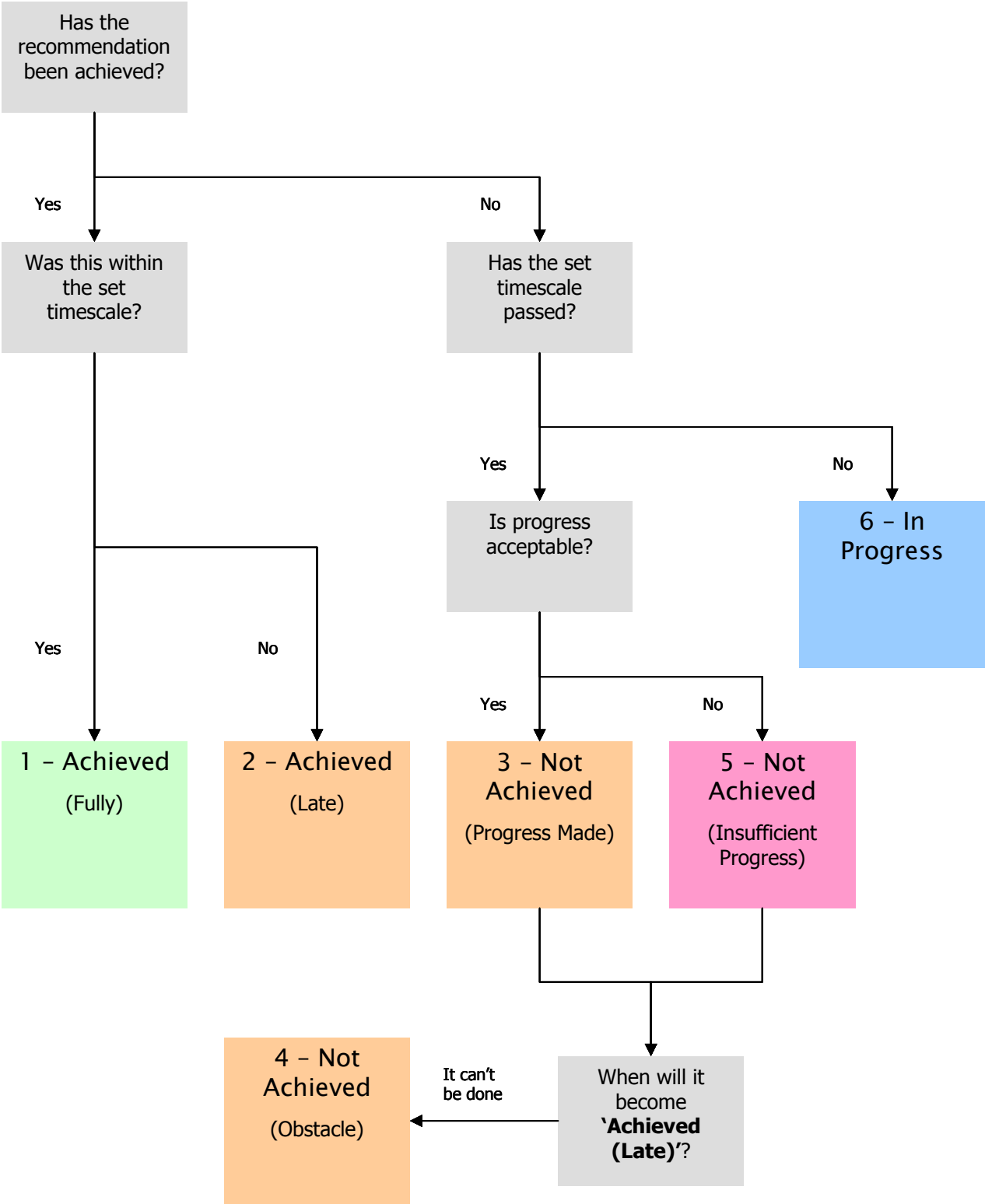
Appendix 1: The Tracking Process

In making its assessment, the Committee may wish to consider:

- What progress/ key actions have been made against each recommendation?
- Are these actions pertinent to the measures required in the recommendation?
- Have the actions been undertaken within the time scale allocated?
- Are there any matters in the recommendation where progress is outstanding?
- Is the Committee satisfied that sufficient progress has been made and that the recommendation has been achieved?

Category	Criteria
1: Achieved (Fully)	The evidence provided shows that the recommendation has been fully implemented within the timescale specified.
2: Achieved (Late)	The evidence provided shows that the recommendation has been fully implemented but not within the timescale specified.
3: Not Achieved (Progress Made)	The evidence provided shows that the recommendation has not been fully achieved, but there has been significant progress made towards full achievement. An anticipated date by which the recommendation is expected to become achieved must be advised.
4: Not Achieved (Obstacle)	The evidence provided shows that the recommendation has not been fully achieved, but all possible action has been taken. Outstanding actions are prevented by obstacles beyond the control of the Council (such as passage of enabling legislation).
5: Not Achieved (Insufficient Progress)	The evidence provided shows that the recommendation has not been fully achieved and there has been insufficient progress made towards full achievement. An anticipated date by which the recommendation is expected to become achieved must be advised.
6: In Progress	It is not appropriate to monitor achievement of the recommendation at this time because the timescale specified has not yet expired.

The Tracking Process



Appendix 2: Progress with Recommendations

No.	Recommendation	Responsibility	Original Date For Completion	Cabinet Member's Assessment
R01	That clearer guidance on a range of tree-related matters be included in the Birmingham Design Guide to help applicants with the design process. This should include the matters raised in this review about establishing an aspirational desirable city tree canopy cover increase, trees and health, air quality, Water Sensitive Urban Design, recommended future species and reductions in over-represented species, planting pit design, soils and specifications. These should be produced within appendices to the Birmingham Design Guide or via the City Council website where details should be periodically updated.	Leader in liaison with Members of the Executive where appropriate	Dec 18	6: In Progress

Evidence of Progress (and Anticipated Completion Date if 'Not Achieved')

September 2018: The Birmingham Design Guide is currently in draft format and undergoing final editing before internal and external consultation (expected spring 2019). Within the Landscape and Green Infrastructure Chapter a significant amount of detail has been included in relation to trees which include valuation and protection of existing trees, designing with trees, tree species, planting and maintenance requirements etc. Consideration is also given to increasing canopy coverage and an assessment of base levels of canopy by land use category have been included with a desire for these to be improved upon within new developments of each type.

The draft text relating to trees is available upon request.

March 2019 update: As September – still waiting for date for public consultation on draft text.

No.	Recommendation	Responsibility	Original Date For Completion	Cabinet Member's Assessment
R02	That every major planning application should incorporate consideration of how to improve the natural environment with particular reference to maximising opportunities for greening in a dense urban environment through the use of suitable types of green infrastructure wherever appropriate.	Leader in liaison with Members of the Executive where appropriate	Dec 18	1: Achieved

Evidence of Progress (and Anticipated Completion Date if 'Not Achieved')

March 2019 update: The Design Review Panel has been agreed and several meetings have taken place. This DRP (led by Simon Delahunty-Forrest/ Andrew Fuller) assess the initial proposals against the 5 main themes of the design guide which includes Green Infrastructure and Landscape. Internal expertise (Landscape, Ecology and Arboriculture officers) will be called upon for advice and guidance.

No.	Recommendation	Responsibility	Original Date For Completion	Cabinet Member's Assessment
R03	That an urgent review takes place of the new assessment criteria for the evaluation of Planning Conservation Areas - to ensure that any discrepancies around tree protection are properly addressed; in the event of de-designation.	Leader in liaison with Members of the Executive where appropriate	Sept 18	3: Not Achieved (Progress Made)

Evidence of Progress (and Anticipated Completion Date if 'Not Achieved')

September 2018: Currently two areas are under consideration for de-designation; these are Austin Village and Ideal Village. Within both of these conservation areas have a significant public realm treescape for which the City is responsible.

Therefore there is already increased control over the long term management of these trees.

No date or timescale was available for this process at the time of this report.

De-designation is not something that has occurred before and a formalised process flow/check list has not yet been arrived at. However as part of the consultation and notification process it has been agreed that the city's Principal Arboriculturists will be given prior notification and opportunity to assess any trees not in the public realm against the Tree Evaluation Method for Protection Orders (TEMPO) and where these meet the requirements for issuing TPO's these will be raised to run consecutively from the cessation of the Conservation Area status.

No time scale has been given for the commencement of de-designation as yet. A clearer idea of timescales is hoped to be available by Feb 2019

March 2019 update: no further progress made but while CA's are in place tree protection is still in force.

No.	Recommendation	Responsibility	Original Date For Completion	Cabinet Member's Assessment
R04	<p>That in relation to permitted development in highways, a process be developed to ensure that appropriate consultation takes place prior to any highways improvement or design development where trees are likely to be affected.</p> <p>This will include:</p> <ul style="list-style-type: none"> • A condition survey and/or a tree survey compliant with BS 5837 2012 (Trees in relation to design, demolition and construction) to identify tree constraints; • A valuation of affected trees against the adopted Birmingham City Council process; • Appropriate consideration of retention, mitigation, replacement and compensation for trees; and recommendation(s) by the appropriate City Council arboricultural officer. 	Cabinet Member for Transport & Roads	Feb 19	1: Achieved

Evidence of Progress (and Anticipated Completion Date if 'Not Achieved')

March 2019 update: The consultation which took place with Highways Infrastructure Delivery in relation to their design and build schemes resulted in a process for consideration of trees within Design Development and Installation/ implementation.

This process covers all aspects of the recommendation in sequential order from options appraisal through to implementation.

Two training sessions were delivered to Highways Infrastructure Delivery colleagues covering the tree policy review process, recommendations and draft process. These sessions were well received and the overall feeling was that clearer information/ guidance on the expectations and requirements were welcome.

Follow up sessions have been delivered to the constituency engineers specifically relating to the use of tree valuation and how this is used in the determining of mitigation and compensation.

Monitoring of the implementation of this will for part of the remit of the Birmingham Forest Group and could form a KPI within the tree strategy monitoring.

No.	Recommendation	Responsibility	Original Date For Completion	Cabinet Member's Assessment
No5				
Evidence of Progress (and Anticipated Completion Date if 'Not Achieved')				
Concluded September 2018				

No.	Recommendation	Responsibility	Original Date For Completion	Cabinet Member's Assessment
R06	That the feasibility of managing a percentage of tree cover on a citywide basis be explored with Amey to establish a mechanism so that, where options for replacing trees in a ward are limited and prior consultation with relevant ward members, replacement trees can be planted in those areas where an increase in tree cover would be most beneficial. Matters of viability and environmental constraint will need to be investigated.	Cabinet Member for Transport & Roads Cabinet Member for Commercialism, Commissioning & Contract Management	February 2019	6: In Progress
Evidence of Progress (and Anticipated Completion Date if 'Not Achieved')				
<p>September 2018: This will be investigated as part of that process and the development of a city wide tree strategy as this ties in with the valuation of tree stock and replacement planting values. Where full replacement value cannot be achieved within a given site this presents an opportunity to divert the remaining planting to new locations. This needs to be overseen by the Birmingham Forest Group as part of its remit.</p> <p>March 2019 update: Partly ties in with R04 and R09. Will be considered fully as part of the development of a city wide tree strategy – target date June/July 2019</p>				

No.	Recommendation	Responsibility	Original Date For Completion	Cabinet Member's Assessment
R07	That additional, clear and comprehensive information should be provided to the public about trees incorporating a review of the way that material is presented on the City Council website. This should include improving cross-referencing, making the information easier to navigate and using the available data to improve the promotion of the value of the City's collective tree stock and the role it plays in delivering benefits across the health and well-being agenda and ecosystem services. The over-sight of this information in future could be the responsibility of the new Birmingham Forest Group. (R11)	Leader in liaison with Members of the Executive where appropriate	September 18	3: Not Achieved (Progress Made)
Evidence of Progress (and Anticipated Completion Date if 'Not Achieved')				
<p>September 2018: This recommendation ties in to the production of the Birmingham Design Guide. The details on trees contained within the guide will be available via the council web pages once published. A considerable amount of time has been invested in developing this information however as it forms part of a much larger information document publication has been delayed.</p>				

Work still needs to be undertaken to cross reference the tree related web pages but this is yet to be commenced. Lack of time due to changes in staff has been a mitigating circumstance.

Cross referencing should be completed by February 2019 with the additional information being tied in to the finalisation of the Design Guide text.

March 2019: No date yet for the consultation on the draft design guide but this should follow on from the DPD consultation and adoption later this year. Once this is approved this information will be made available via the web pages. Cross referencing will be implemented at the same time.

No.	Recommendation	Responsibility	Original Date For Completion	Cabinet Member's Assessment
R08	That the City Council should raise awareness about and promote the fact that Birmingham has committed to becoming one of the world's most environmentally friendly cities by being a member of the Biophilic Cities network and the role that trees play in this.	Cabinet Member for Clean Streets, Recycling & the Environment	September 18	3: Not Achieved (Progress Made)

Evidence of Progress (and Anticipated Completion Date if 'Not Achieved')

Currently a number of partner organisations together with some council officers promote the fact that Birmingham is a member of the Biophilic Cities Network these organisations and individuals work hard to explain what this means in terms of how this relates to individuals and the development of the city as a whole. However this status is still not widely known or understood. For this recommendation to be fully delivered it requires it to be championed at a strategic level with significant political buy in. Therefore it requires promotion through, for example, the executive management team and Cabinet. The Cabinet member for Transportation and the Environment is best placed to champion this.

No.	Recommendation	Responsibility	Original Date For Completion	Cabinet Member's Assessment
R09	That a new supplementary funding system utilising a grading system which places a monetary value on the visual amenity of trees as well as their replacement cost (such as CAVAT) be adopted; and that in addition the recommendation to establish a Birmingham Tree Bank be urgently explored. Together these would provide an additional source of finance to support the proactive management and development of new planting opportunities and green infrastructure in Birmingham; something that could be overseen by the new Birmingham Forest Group (R11). The tree valuation process agreed on shall be considered for adoption within the Development Plan Document (DPD) and the research undertaken be considered as the evidence base for that emerging policy.	Leader in liaison with Members of the Executive where appropriate	February 19	6: In Progress

Evidence of Progress (and Anticipated Completion Date if 'Not Achieved')

September 2018: Discussion between the various sections of the city's arboricultural specialists has taken place to review the various methodologies available to quantify the financial value of individual trees and tree groups. The Capital Asset Valuation of Amenity Trees (CAVAT) has recently undergone a full review and reassessment by an expert panel and the finding published for peer review.

The revised CAVAT process was determined to be the most appropriate valuation system to be used (alongside the BS 5837 classification) to guide design process and indicate those trees that should be retained, show where engineering solutions should be deployed as cost effective and set an expectation for the level of compensatory

planting required from the loss of assessed trees.

Discussions are still to be had with the appropriate finance officers to determine the exact mechanisms for accrual of funds into the Birmingham Tree Bank.

March 2019: The valuation process has been included into the planning departments Development Management Policy Document that is currently out for public consultation.

CAVAT is being utilised by BMHT and a number of other departments as part of their working practices.

An S106 fund dedicated to tree planting and management has been agreed to take mitigation/ compensation funds allocated through the planning system.

A formal meeting with representative of highways finance has taken place to commence the process of creating a budgetary code to hold funds allocated for tree planting from new highways projects where full replacement is not possible within the project area.

Similar meetings are to be held with Pace / Parks Finance officers.

No.	Recommendation	Responsibility	Original Date For Completion	Cabinet Member's Assessment
R10	That an Urban Tree Management Strategy which reflects the latest evidence from research and current best practice be developed and that adequate safeguards and monitoring measures are put in place for the Birmingham Forest. This could then be used to inform 5 year management plans with each tree related service area deriving annual operating plans from these. Once developed the Tree Management Strategy should be presented to Council for adoption to ensure adherence across all council functions. Progress against agreed targets should be reported to the appropriate Cabinet Member on a 4 yearly basis.	Leader in liaison with Members of the Executive where appropriate	February 19	6: In Progress

Evidence of Progress (and Anticipated Completion Date if 'Not Achieved')

September 2018: Much of the basic information required for the development of a city wide tree strategy is available in current adopted documentation and the development of new guidance for other BCC departments such as highways will feed into this proposed overarching document.

However a strategy document such as this should be co designed through engagement with appropriate stakeholders such as those that would form the Birmingham, Forest Group.

It is therefore proposed that this target date be extended to June 2019 allow full and proper consultation and design to take place once the stakeholder group is in place.

March 2019 update: Target date of June 2019 still expected.

No.	Recommendation	Responsibility	Original Date For Completion	Cabinet Member's Assessment
R11	That Terms of Reference for a representative, region-wide, independent-led Birmingham Forest Group be explored. This should comprise experts and interest groups with a focus on trees in the urban landscape with a view to informing the development of an urban tree management strategy and strategic tree related matters across the sub-region.	Leader in liaison with Members of the Executive where appropriate	Step one September 2018 Step two February 2019	1: Achieved (Fully) 3: Not Achieved (Progress Made)

Evidence of Progress (and Anticipated Completion Date if 'Not Achieved')

September 2018: Terms of reference are being gathered from a number of sources to act as a guide for the development of the Birmingham Forest Group ToR's.

Discussion has been had with members of a number of similar organisations such as the White Rose Forest steering Group, The Tree Council, Woodland Trust and the West Midlands Forest and Woods Advisory Council – all of which provide strategic guidance and oversight on a number of tree related matters via a board of interested parties and stakeholders.

A provisional list of stakeholders has been drawn up and will be added to over the coming months and a draft ToR should be available for consideration by the Feb 2019 review period.

March 2019 Update: TOR drafted but needs some further work. It should initially be a city wide group used to formalise our tree strategy before seeking to expand to a more region wide remit although some of the group members will have a wider remit as part of their portfolio. Expected that draft TOR is completed by start of April 2019.

No.	Recommendation	Responsibility	Original Date For Completion	Cabinet Member's Assessment
R12	That an assessment of progress against the recommendations in this report be presented to the appropriate Overview & Scrutiny Committee.	Leader	February 19	6: In Progress

Evidence of Progress (and Anticipated Completion Date if 'Not Achieved')

September 2018: This document is part of the process for assessment of progress.

March 2019 update: Given the expected run over of some target dates a further report will be required around July 2019

Appendix ③: Concluded Recommendations

These recommendations have been tracked previously and concluded. They are presented here for information only.

concluded

No.	Recommendation	Responsibility	Date Concluded by Overview and Scrutiny Committee	Tracking Assessment
R05	That a clear standardised tree impact evaluation process for all footway crossings requests should be urgently developed and agreed. The process should set out a clear methodology for assessing both the value (monetary and/or public amenity) of any removed or affected tree and the levels of demand for parking within any given street. This should be put in place as a new working practice within 6 months but formally adopted as part of a wider urban tree management strategy.	Cabinet Member for Transport & Roads	Step one September 2018; Step two February 2019	1: Achieved (Fully) 1: Achieved (Fully)



Sustainability & Transport O&S Committee: Work Programme 2018/19

Chair: Cllr Liz Clements

Committee Members: Cllrs David Barrie, Zaker Choudhry, Kath Hartley, Tim Huxtable, Chaman Lal and Hendrina Quinnen and Cllr TBC

Officer Support: Scrutiny Officers: Rose Kiely (303 1730) & Baseema Begum (303 1668)
Committee Manager: Louisa Nisbett (303 9844)

1 Meeting Schedule

Date	What	Officer Contact / Attendees
14th June 2018 (informal) 1000 hours Room 335, Scrutiny Office	Informal meeting to discuss the Work Programme with input from Officers (where possible) on key Sustainability and Transportation issues	Scrutiny Office
19th July 2018 1000 hours Committee Room 2	Inquiry: Managing the Risk of Flooding in Birmingham	Kevin Hicks, Assistant Director, Highways Michael Enderby, Head of Resilience, BCC Representatives and Ward Councillors of flood affected areas Mike Grimes, Director and Ian Jones, FCRM Manager, Environment Agency (West Midlands) Tim Smith, Severn Trent Water Richard Cowell, Assistant Director, Development and Jacob Bonehill, Principal Planning Policy Officer, BCC
2nd August 2018 1000 hours Committee Room 6	Clean Air Zone - Consultation	David Harris, Transportation Policy Manager
13th September 2018 1000 hours Committee Room 6	Cabinet Member for Transport & Environment: Portfolio priorities & upcoming work areas Highway Maintenance and Management PFI Contract	Chris Brockie, Cabinet Support Officer Kevin Hicks, Assistant Director, Highways



Date	What	Officer Contact / Attendees
11th October 2018 1000 hours Committee Room 6	Bus franchising changes, changes to bus routes, bus fares, smart ticketing and way current system operates. Interface between TfWM/ Mayor/ SPRINT/ with deregulated bus market Update on Bus Stop Rationalisation Pilot Quarterly update on the Midland Metro Extension and Bus Rapid Transit	Steve McAleavy, Director of Customer Experience; Pete Bond, Director of Integrated Transport Services and Matt Lewis, Head of Swift, Transport for West Midlands Jon Hayes, Head of Network Delivery, Transport for West Midlands Ali Bell, National Express West Midlands Phil Hewitt, Director - West Midlands Metro and Chris Haworth, Head of Metro Project, Transport for West Midlands
8th November 2018 1000 hours Committee Room 2	Tracking – Birmingham Tree Policy Inquiry Report 20mph limits in pilot areas Birmingham Cordon Survey – Results and Trends	Simon Needle, Principle Ecologist – City Design Team Mel Jones, Head of Transportation and Traffic Services Andrew Radford, Principal Infrastructure Delivery Officer
13th December 2018 1000 hours Committee Room 6	Budget Consultation – Cabinet Member for Transport & Environment Session on Rail with partners	Chris Brockie, Cabinet Support Officer West Midlands Rail/West Midlands Trains, Network Rail/Virgin Trains/Midlands Connect/ Rail Passenger Groups /University of B'ham/B'ham City Council/ Hon. Alderman Stewart Stacey
10th January 2019 1000 hours Committee Room 6	Inquiry: Plastic Free Birmingham	Cllr Majid Mahmood, Cabinet Member for Clean Streets, Waste & Recycling/Louise Bessant, Interim Head of Operations (Waste Management)/Soho BID/Colmore BID/Veolia/WRAP
14th February 2019 1000 hours Committee Room 2	Inquiry: Plastic Free Birmingham	B'ham Friends of the Earth/Plastic Free Moseley/The Clean Kilo Supermarket/ecobirmingham/Darren Share, Waste Management/Haydn Brown, Procurement/Chris Neville, Regulation & Enforcement/Neil Carney, Bham 2022 Commonwealth Games



Date	What	Officer Contact / Attendees
14th March 2019 1000 hours Committee Room 2	Flood Risk and Management Annual Report Tracking – Birmingham Tree Policy Inquiry Report	Kevin Hicks and Iqbal Sangha, Highways Simon Needle, Principal Arboriculturist/ Principal Ecologist
11th April 2019 1000 hours Committee Room 2	Cabinet Member for Transport & Environment: Annual Report Update on Birmingham Cycle Revolution (BCR)	Rose Horsfall, Cabinet Support Officer TBC

2 Further work areas of interest/Work to be programmed

2.1 The following items could be scheduled into the work programme if members wish to investigate further:

- Transportation aspects of Commonwealth Games
- HS2 Connectivity Package – regional strategy
- Parking Standards and role of parking within the transport system
- Policy on dropped kerbs (link to grass verges/green infrastructure)
- Way local highway engineers interact with local residents
- Birmingham Design Guide – Draft for consultation
- Birmingham Energy Company
- Visit the Safer Travel Suite based at Transport for West Midlands, Summer Lane including a presentation on the work that is undertaken.
- Member Development Training session on 'Transport for West Midlands'.
- Report on the latest position regarding hydrogen buses.
- Findings of the Transport Delivery Committee study on the 45/47 bus route on Pershore Road when it is available.
- A further update report on the outcome of the SPRINT consultation.
- A further report on the Integrated Transport System at a future meeting in 2019.

3 Other Meetings

3.1 Members have received regular private briefing sessions on the Highways PFI contract. These will be scheduled as agreed by Members at regular intervals.



Call in Meetings

'Birmingham Clean Air Zone Submission of Full Business Case and Request to Proceed with Implementation', Tuesday 10th January, 1430 hours, Committee Room 2, Council House

'Commonwealth Games (CWG) Perry Barr Highway Infrastructure – Options Appraisal', Friday 22nd February 0930 hours, Committee Room 6, Council House

Petitions

*None
scheduled*

Councillor Call for Action requests

*None
scheduled*

It is suggested that the Committee approve Thursday at 1400 hours as a suitable day and time each week for any additional meetings required to consider 'requests for call in' which may be lodged in respect of Executive decisions.

Contact Officers

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4 Forward Plan for Cabinet Decisions

The following decisions, extracted from the Cabinet Office Forward Plan of Decisions, are likely to be relevant to the Sustainability & Transport O&S Committee's remit. **Please note this is correct at the time of publication. Highlighted rows show a change to the previously listed cabinet proposed date.**

Reference	Title	Portfolio	Proposed Date of Decision
006071/2019	Pershore Road/Priory Road - Pedestrian and Cycle Safety Measures	Transport & Environment	05 Mar 2019
005708/2019	A38(M) Tame Valley Viaduct Strengthening Works – Procurement Strategy	Transport & Environment	26 Mar 2019
006018/2019	Highway Maintenance and Management PFI Contract	Transport & Environment	26 Mar 2019
005623/2019	Adoption of Supplementary Planning Documents for Langley Sustainable Urban Extension and Peddimore Employment Site	Leader	16 Apr 2019



003385/2017	BCC Energy Company - FBC	Transport & Environment	14 May 2019
005708/2019	A38(M) Tame Valley Viaduct Strengthening Works – Procurement Strategy	Transport & Environment	14 May 2019
006138/2019	Options Appraisal for a Water Company	Transport & Environment	14 May 2019
005052/2018	Birmingham to Airport Sprint – Project Definition Document (PDD)	Transport & Environment	23 Jul 2019
005053/2018	Sutton Coldfield to Birmingham via Langley Sprint – Project Definition Document (PDD)	Transport & Environment	23 Jul 2019
005054/2018	Walsall to Birmingham Sprint – Project Definition Document (PDD)	Transport & Environment	23 Jul 2019
005491/2018	Digbeth Public Realm Improvements Full Business Case	Transport & Environment	01 Sep 2019
005048/2018	Moor Street Queensway Public Realm Improvements Outline Business Case	Transport & Environment	01 Nov 2019

