



Equality Impact Analysis: (EqIA)

See
Appendix A



Current
decision rating

Section 1: Introduction

Name of Proposal **Liveable Streets Bow**

For the purpose of this document, 'proposal' refers to a policy, function, strategy or project)

Service area & Directorate responsible **Public Realm**

Name of completing officer **Mehmet Mazhar and Chris Harrison**

Approved by Director/Head of Service **Dan Jones**

Date of approval **23/02/2021**

Conclusion

When considering these proposals for the Bow area, the aims of the Liveable Streets programme and final scheme proposals have been taken into consideration. The programme aims are to improve the look and feel of public spaces in neighbourhoods across the borough and make it easier, safer, and more convenient to get around by foot, bike and public transport. Also, to reduce the number of people making 'rat runs' and shortcuts through residential streets to encourage more sustainable journeys and to improve air quality and road safety. The proposal includes traffic changes, calming measures and public realm improvements to make local streets safer and more pleasant for everyone.

These proposals are also in line with the Transport Strategy, Climate Emergency declaration, and Public Health campaigns within the borough.

The recommendations for the Bow Liveable Streets scheme as part of the March 2021 Cabinet report are:

- 1. Note the content in the Cabinet report and in particular the alternative options considered in section 2.*
- 2. Agree the hours of operation for the Roman Road bus gateway to be 6.30am to 9.30am and 3.30pm to 7pm, Monday to Friday.*
- 3. Agree the hours of operation for the Coborn Road timed closure to be 6.30am to 7pm, Monday to Friday.*
- 4. Agree the following exemptions during the hours of operation for both the Roman Road bus gateway and Coborn Road timed closure: local buses, emergency services, blue badge holders, carers, Local GPs on-call, Taxicard users and Royal Mail vehicles while fulfilling their Universal Service Obligation as defined in 3.16 onwards within the Cabinet report.*
- 5. Agree to charge a £20 annual fee for exemptions to cover the cost of administration.*



6. *Agree that in line with the experimental traffic order procedures any necessary alterations are made within 6 months and the hours of operation and exemptions are reviewed between 6 and 18 months after implementation.*
7. *Note the Equalities impacts as set out in section 4 of the Cabinet report and this full Equalities impact Analysis (EqIA) (appendix A to the Cabinet report).*

Two key features of the scheme that will impact differently for all road users are the recommended hours of operation and the level of exemption. Evidence has been drawn upon through existing studies, data sets, as well as data and evidence collected as part of this programme through each engagement stage, consultation, and surveys in order to make the assessment.

Positive impacts

This EqIA assessment has highlighted the potential for positive impacts on the protected groups. The final proposals for the Bow area provide overall improvements for the environment. A key component of the measures are the full road closures, and part time closures such as the bus gateway (at peak hours) and timed closure (during the day) which help in reducing through-traffic during the day or at peak hours to offer improved safety and a better environment (improved air quality and noise reduction) for vulnerable road users, including those who walk and cycle and those within the protect groups identified within this assessment.

For example, the borough's Transport Strategy showed a disproportionately low take up of cycling amongst women, often in relation to fear of traffic/roads which this scheme would help to resolve by creating a safer network of cyclable roads. BAME groups are identified as more likely to be a casualty in a road collision, particularly as a pedestrian which this scheme would help improve by removing the conflict with motor vehicles and improvements to crossings and accessibility through the area. Those who are BAME and elderly are also more likely to have a respiratory condition, as outlined in the Transport Strategy³. The elderly and young are also the most likely groups to be involved in a collision⁷, as well as being impacted by the poor air quality, walking environment and outdoor space.

For those using a motor vehicle, all properties will remain accessible via alternative routes even with the full time and part time road closures in place. The associated benefits of the road closures relate to the opportunity it creates for further measures in the area to be implemented which would not otherwise be possible without the reduction in traffic levels. This includes improvements such as continuous crossings, dropped kerbs, public spaces, additional planting and trees, bus stop upgrades and disabled parking provision in key locations. Overall, these measures provide greater accessibility for those who walk, cycle and use public transport across the area as well as improving the look, feel and safety of the area. Furthermore, this is likely to provide health benefits and mental wellbeing in relation to an increase in physical activity as recommended by NHS to help us continue to be independent and healthier for longer in our lives.

Negative impacts

This EqIA assessment did highlight some potential negative impacts on the protected groups.

The negative impacts are related to the requirement for those using a motor vehicle to use alternative routes to reach their destination in the area. The greatest increase has been estimated to be 9-12mins for the bus gateway and Coborn Road timed closure alternative routes. The negative impact is associated with the increased time, distance and cost for those



using a motor vehicle to reach their destination. It should be noted that all properties remain accessible by motor vehicle and there are other travel methods which will be improved by the proposals such as access to public transport, the environment for those who walk and cycle. The main negative impact therefore lies with those that must use motor vehicle to travel across the area to reach their destination.

As part of this assessment, it is recognised this could be those that are disabled, elderly, mobility impaired, and care for a relative or friend that need to use a motor vehicle to travel across Bow.

Specifically, this assessment recognises there are a number of old age-related conditions or diseases which will mean persons travelling through or around the area will be negatively impacted when using a motor vehicle. This is also the case for the elderly who have mobility impairments and are more likely to be reliant on a motor vehicle for essential journeys. Those supporting or caring for an elderly relative or friend, would also likely be impacted by the longer alternative routes, during the hours of operation or where full-time road closures are proposed. The impacts are those persons using a motor vehicle will have to use alternative routes, which will take more time to reach their destination, increase their journey distance and overall journey cost when using a private or hired (taxi/PHV) vehicle to travel.

Further to this, people with a disability, or those supporting or caring for a relative or friend with a disability, who require a vehicle to travel will have to use alternative routes, which will take more time to reach their destination, increase their journey distance and overall journey cost when using a private or hired (taxi/PHV) vehicle to travel.

Sections which are pedestrianised or have no motor vehicle access will mean longer travel distances, times and increases in cost to reach their destination, this may be more demanding or difficult for those with mobility impairments or conditions where these impacts cause additional stress.

Mitigation

In order to reduce and limit the negative impacts that have been identified a number of key recommendations have been made. This includes the reduction of hours of operation for the bus gateway from the supported 24 hours a day, Monday to Sunday restriction to only 6.5 hours a day. The recommendation is for peak times of the day, 6.30am to 9.30am and 3.30pm to 7pm, Monday to Friday. This reduction in hours of operation reduces the overall positive impacts outlined in this assessment but also reduces the negative impacts on the groups identified which are likely to be disproportionately impacted. Outside of these hours there is no restriction on using this point of the road.

The Coborn Road timed closure was proposed and supported for a 24-hour restriction (58% of respondents within the consultation area supported, 51 % for 24 hours a day) however this restriction is to be only 12.5 hours (during the day 6.30am to 7pm, Monday to Friday), outside of these hours there is no restriction on using this point of the road. There is some reduction in the benefits by reducing the hours, but still provides a good level of improvement to those walking and cycling.

In addition, to this to reduce the negative impacts identified further, number of exemptions have been recommended. These are:

- Emergency services
- Local buses (where required on existing routes)



- School buses, dial a ride, local buses (all ability Bow services, community and passenger transport)
- Blue badge holders who reside in the Bow area – up to 2 nominated vehicles
- Carers (those receiving care allowance, DLA, PIP who reside in the Bow area) – up to 2 nominated vehicles
- Local GPs on call
- Taxicard users who reside in the Bow area
- Royal Mail vehicle while fulfilling their Universal Service Obligation

The chosen exemptions will enable those to travel through the area at all times and therefore limit or remove the negative impacts related to the requirement for those using a motor vehicle to use alternative routes to reach their destination in the area.

Review

As part of the scheme implementation, it has been recommended that this is undertaken on an experimental basis to ensure a review of the scheme is carried out. This will include the monitoring of the potential positive and negative impacts identified through the assessment and where necessary alterations made to the scheme. As part of this review the EqlA will be updated with results from any surveys and feedback provided from all road users and the local community.

Further engagement with the community will monitor this impact and it is recommended that any necessary alterations are made within 6 months, and the hours of operation and exemptions are reviewed between 6 and 18 months after implementation.

A further consideration is on the surrounding road network, whilst the Bow Road has been a reduction in traffic over the last decade, the impact of removing cut-through traffic will be monitored in partnership with Transport for London, who are the governing body for this road.

A Health Impact Assessment is being developed as part of the Liveable Streets programme and will assist in the development of schemes.

The ongoing review of detailed designs and subsequent engagement sessions, where applicable, will continue to understand and mitigate any additional unforeseen adverse impacts. Actions to mitigate and monitor these impacts have been outlined in section 5 of this assessment.

Overall

It is recognised that for some protect groups that have to take journeys by motor vehicle, they will be disproportionately negatively impacted, however, the impact of longer journey times is deemed to have been reduced by the improvements for the opportunity for independent travel provided by the proposals and the expected improvements to air quality, safety, noise and wellbeing benefits to these group. This has further been reduced by the changes to the scheme in recommendations to the operational hours and the exemptions tailored to those impacted groups.



The Equality Act 2010 places a ‘General Duty’ on all public bodies to have ‘due regard’ to:

- Eliminating discrimination, harassment and victimisation and any other conduct prohibited under the Act
- Advancing equality of opportunity between those with ‘protected characteristics’ and those without them
- Fostering good relations between those with ‘protected characteristics’ and those without them

Where a proposal is being taken to a Committee, please append the completed equality analysis to the cover report.

This Equality Impact Assessment provides evidence for meeting the Council’s commitment to equality and the responsibilities outlined above, for more information about the Councils commitment to equality; please visit the Council’s website.

Section 2 – General information about the proposal

COVID-19:

At the time of writing (February 2021), England is in the third national lockdown due to the spread of Covid-19. Restrictions and social distancing guidance apply at this time. Coronavirus has given a new urgency to the question of how we share our public spaces and how we can champion walking, cycling and the safe use of public transport. For these reasons, there has never been a more important time to move forward with this project.

We are passionate about maintaining an ongoing and robust engagement programme at this time to ensure the public is aware and fully informed of the Liveable Streets objectives. With this in mind given the current situation, face-to-face public meetings and drop-in sessions are not possible. Therefore, virtual online sessions and phone calls were held during the consultation period.

The programme has simultaneous benefits for the health of our residents and the sustainability of the borough in the face of both the COVID-19 pandemic and the climate emergency declared by the borough in March 2019.

Liveable Streets programme:

The Liveable Streets programme is part of the Council’s Love Your Neighbourhood portfolio which aims to improve the look and feel of public spaces in neighbourhoods across Tower Hamlets and make it easier, safer, and more convenient to get around by foot and bike.

The programme also looks to reduce the number of people cutting through residential streets, to encourage more sustainable journeys and to improve air quality and road safety. These are some key priorities outlined in the Tower Hamlets Transport Strategy which the Liveable Streets programme will address across 17 different neighbourhoods in the borough which have been selected for interventions. Further council campaigns such as Breathe Clean, anti-idling, school streets also align with this programme and where possible measures are included as part of the overall project. These programmes are informed by evidence showing adverse impact of air pollution on particular groups such as children, unborn children, elderly, those with respiratory conditions.



Climate Emergency²:

As mentioned above, the programme's aims also align with the climate emergency declared in March 2019.

Tower Hamlets Transport Strategy³:

The Transport Strategy, 2019-2041, outlines a number of key issues within the borough, data and future steps to improve transport and the environment for all who live, work and study. This consultation highlighted the need for inclusive cycling, safe infrastructure to encourage more walking, cycling and the use of public transport in the borough.

The programme's aim is to reduce short car journeys, make it safer and more convenient to get around by foot, bike and public transport for all residents and visitors to the area (for assessment of a similar programme: see University of Westminster's article on Mini-Holland programme⁴). Measures such as the widening of footways and pedestrianisation, ensuring an accessible public realm for all, is critical to meet the needs of our children, elderly and disabled – our most vulnerable residents. The wellbeing of residents is our priority and inclusivity is at the heart of that priority. With 49% of NOx emissions in London coming from road transport, a reduction in unnecessary car journeys through infrastructural change is imperative as this will have positive environmental effects on air quality and therefore positive impacts on human health³.

Key Objectives:

- Improve the look and feel of public spaces
- Improve the environment to encourage more walking, cycling and use of public transport
- Significantly reduce through traffic on local residential streets to improve air quality and road safety.

The Liveable Streets programme will be delivered over four years. Work in each of the 17 areas will take approximately 12 months from initiation to the start of construction. The areas chosen have been identified as areas with existing traffic and road safety issues and having not received recent substantial funding and improvements. The areas cover approximately 60 per cent of the borough, shown in figure 1.

The Liveable Streets project in Bow will make fundamental changes to the infrastructure on the street as well as the travel behaviour of residents, businesses, and visitors to Tower Hamlets. This will be achieved by the variety of on-street infrastructure proposed across the area, such as changes to road layouts to give priority to walking, cycling and public transport.

The project will be supported by soft measures (complementary measures) to promote and encourage active travel. Tower Hamlets' streets will be healthier, and more residents and visitors will travel actively. This will be achieved through events, community engagement and involvement and behaviour change led by creating the infrastructure for safer active travel in the area.



Figure 1 - Liveable Streets programme map

The roads within these areas are predominately residential roads or roads which are not built to carry thousands of vehicles per day. These roads often have schools, community centres, care homes, day centres on them which is why they are the focus of this programme.

It is important to note that while this project looks to address cut-through traffic, access to all properties (excluding pedestrianised areas during restricted times) has been maintained. This also includes access for emergency services. Other measures include removable features, which emergency services can gain access through. Throughout all Liveable Streets programmes, the emergency services are kept up to date, involved and input into the proposals.

Project to date:

The Bow project started in April 2019 and since then has undergone rigorous engagement and consultation with residents, businesses and other local stakeholders.

The scheme is expected to run for approximately 18-36 months depending on the approved measures and associated volume of works required to achieve the scheme outcomes. The timescale has been updated due to the impact of Covid-19 on the construction timetable.

Prior to the early engagement phase of the project, background data is gathered for the project, including key places of interest, venues, organisations and stakeholders.

Engagement process and steps

Below is the Liveable Streets programme design process which was followed for the project.



Figure 2 - Liveable Streets design process

Engagement and consultation

A four-stage engagement process is followed which broadly involves an early engagement period, co-design workshops, and a formal public consultation, shown in figure 2. Throughout these stages the team engages with a number of stakeholders such as community groups, schools, businesses, tenants and residents’ associations, local organisations, market traders, places of worship. Hard-copy information has been delivered to every property in the project area and to key stakeholders throughout the project, at each engagement stage (on request these were made available to those outside the area).

Prior to the Covid-19 pandemic all engagement and consultation was carried out face-to-face, the team held and attended events. During the Covid-19 pandemic it has also been possible to contact the team on the phone, or by writing to us. Where sessions were not able to take place face-to-face they have been held online, these relate to co-design sessions following consultation.



1. Early engagement

A perception survey was carried out from 21 April to 23 May 2019. This was using an online survey, interactive map and feedback gathered from meetings and drop-in sessions.

There were 306 respondents to the survey. 304 people answered this question '*are you responding as...*', 91% of respondents identified as residents.

Of those who provided the information (this was not mandatory so not everyone provided an answer):

- 21 were 65 years or older
- 21 have a health problem or disability which limit their day-to-day activities.

Of those who states they has a health problem or disability (Respondents could select more than one health problem or disability):

- 8 have a physical impairment
- 3 had a sensory impairment
- 3 had a mental health condition
- 3 had a long-standing illness or health condition
- 2 prefer to self-describe
- 131 were male
- 145 female
- 12 were pregnant
- 93 stated they have caring or parenting responsibilities

294 people gave answers as to what would encourage them to walk, cycle or use public transport more, the top five answers were (note respondents could pick more than one option):

- Less traffic – 194 respondents selected this option
- Better driver behaviour – 158 respondents selected this option
- More trees and planting – 158 respondents selected this option
- Cycle lanes – 153 respondents selected this option
- Cleaner streets – 149 respondents selected this option

Feedback, suggestions and issues could also be plotted on an interactive map. 998 suggestions/comments were plotted, by more than 196 respondents who gave their name and 254 were anonymous.

The top suggestions were:

- Other – 113 suggestions plotted across the area
- Improve public realm – 113 suggestions plotted across the area
- Cycle lane – 77 suggestions plotted across the area
- Road closure – 71 suggestions plotted across the area
- Reduce vehicle numbers – 70 suggestions plotted across the area

*other included a variety of comments

Respondents were able to ask queries or make their views on the proposals via a number of ways:

- Completing the online survey at <https://www.pclconsult.co.uk/liveablestreetsbow>



- Attending the drop-in sessions to share feedback (two took place during the early engagement period)
- Writing to the team at Liveable Streets, 6th Floor Mulberry Place, PO Box 55739, 5 Clove Crescent, E14 2BG
- Emailing the team at Liveablestreets@towerhamlets.gov.uk
- Calling the team on **0203 092 0401**

A number of channels were used to raise awareness and encourage people to respond:

- Door knocking was also carried out by the team
- Social media posts
- Emails from the Liveable Streets team
- Through ward councillors
- Discussions with local stakeholders, schools, community groups
- Delivery of flyers to market traders
- Flyering at key locations such as schools, transport hubs and key walking/cycling routes

A report detailing the findings of the early engagement stage can be found at <https://talk.towerhamlets.gov.uk/lbow>

3. Trial

A trial of changes to the road layout in the centre of Bow was proposed to run from Saturday 13 July to Sunday 21 July 2019. A drop-in session to address community questions was held in advance on Tuesday 9 July 2019.

The purpose of the trial road changes was to investigate the impact of proposed closures on modes of transport and residential roads and to demonstrate the opportunities low traffic streets provides.

A number of channels were used to raise awareness:

- Delivery of a booklet to every property in the area
- Social media posts
- Emails from the Liveable Streets team
- Through ward councillors
- Discussions with local stakeholders, schools
- Delivery of information to market traders

People were able to contact the team via the below channels:

- Attending the drop-in session at the Idea Store, 9 July 2019
- Writing to the team at Liveable Streets, 6th Floor Mulberry Place, PO Box 55739, 5 Clove Crescent, E14 2BG
- Emailing the team at Liveablestreets@towerhamlets.gov.uk
- Calling the team on **0203 092 0401**

The trial ran for 11 hours from 7am – 6pm on Saturday 13 July. The decision to suspend the trial was for two reasons:

- The plan to re-route the traffic flow away from the road closures needed to be revised.



- The bus gate on Tredegar Road was opposed by some groups and residents. Some aggressive behaviour was experienced by staff on the site.

Despite the suspension, some aims of the trial were still achieved. Many people who were previously unaware of the scheme became aware and numerous residents also reported they enjoyed the benefits of a low-traffic environment on their street.

5. Co-design workshops

Co-design workshops were held on 26, 28, 30 November 2019, 4 December 2019, and 3 February 2020. Attendees sat together in groups around tables and were presented with a map for each exercise so that they could provide their opinions / suggestions on the current suggestions or ideas by writing notes, highlighting suggestions or drawing on the map as they wished. Two exercises were carried out:

- Exercise 1 - The first exercise concentrated on traffic management and possible measures to improve the area for pedestrians and cyclists.
- Exercise 2 - The second exercise looked at improving the pedestrian environment.

Overall, there was high levels of support for ideas to reduce traffic cutting through the area, improving safety, and creating more space for pedestrians and cyclists.

There were some recurring themes and points of discussion that came up throughout the two workshops which will be a point of focus during the next stage of design. These included the following:

- Pedestrianisation of Roman Road was a popular idea.
- Closure on Old Ford Road at the narrow bridge was widely supported and it was acknowledged a safety issue is present on this road. There is strong support for also reducing traffic volumes on this road and creating an alternative east-west cycle route to the park and the canal path. Attendees queried if a potential closure should be closer to the roundabout junction with Grove Road.
- Mixed support for the proposed closure of Coborn Road between Tredegar Road and Malmesbury Road.
- Some attendees would like to see the proposed bus gates operating only at peak times. Some attendees advocated for full closure to gain maximum reduction of rat-running through the area. Some attendees didn't want to have a bus gate at all.
- The proposed turning restrictions in Option 2 at the Roman Road and St Stephen's Road junction seemed complex for many and there was some confusion as to how this would operate. Commonly, those who supported the closures, Option 1 and Option 3 were preferred. If Option 1 were to proceed, there was strong opinion that the closures should be timed during the peak hour only and that bus gates should consider resident access. Some attendees also commented that tidal movement restrictions at closure points would be confusing for drivers. For Option 3, there were some concerns raised about the diversion required for residents of Cherrywood Close, and that they would only be able to access the area via Jodrell Road, Fairfield Road or the A12.
- Improvements to the public realm on Roman Road were supported with requests for more seating, street art, trees and planting. There was general support to turn the carpark on the corner of St Stephen's Road junction into a town square.



- Improve the cycle facilities throughout the area, but especially on Antill Road by increasing the number of cycle hangars.
- Improving street lighting on Coborn Road under the bridge between Tredegar Road and Malmesbury Road to make it safer for pedestrians.
- The proposed school streets scheme was popular, with some suggesting more roads be included
- Disruption and interference to deliveries on Roman Road is a concern for traders. Traders are concerned the introduction of pedestrianisation and proposed road closures, will mean delivery companies may not have access and may not be willing to continue their deliveries. Deliveries appeared to be the major concern for traders and business owners as it is already a contentious issue for those located on or near Roman Road. Attendees suggested timed closures of the proposed bus gates to allow for delivery vehicles and supported the idea of delivery-only short-term parking bays.
- Business owners are concerned a change in route layout could affect their businesses by impacting customer access and supplier deliveries.
- Attendees were supportive of dedicated infrastructure for cyclists along Roman Road to increase safety for both cyclists and pedestrians. Suggestions included contraflow, clear signage and more bike stands.

A report detailing the findings of the workshop stage can be found at <https://talk.towerhamlets.gov.uk/lbrow>

7. Public consultation

Designs developed using resident and stakeholder suggestions and were put out to formal public consultation from Monday 29 June to Wednesday 29 July 2020. The proposals presented at public consultation were based on solving ongoing issues, suggestions and feedback received throughout the project, with the majority being received at the engagement phases.

Respondents were able to ask queries or make their views on the proposals via a number of ways:

- Completing the online survey at <https://talk.towerhamlets.gov.uk/lbrow>
- Completing the paper survey provided to all properties in the project area (over 14,400)
- Attending a 'chat with the team' drop-in sessions, respondents were able to book a sessions and talk 1-1 with a member of the team, via phone, or virtually, held on 8,11 and 15 July 2020.
- Writing to the team at Liveable Streets, 6th Floor Mulberry Place, PO Box 55739, 5 Clove Crescent, E14 2BG
- Emailing the team at Liveablestreets@towerhamlets.gov.uk
- Calling the team on **0203 092 0401**
- Q&A function on the Talk Tower Hamlets page

A number of channels were used to raise awareness and encourage people to respond:

- Discussions with businesses and market traders on Roman Road door to door
- Social media posts
- Emails from the Liveable Streets team
- Through ward councillors
- Discussions with local stakeholders



- Meeting with schools within the area
- Delivery of packs and information to market traders and businesses
- Posters and banners at key locations such as schools, market area and key walking/cycling routes
- Reminder postcard was sent to every property on 20 July 2020

Decision by Cabinet

Feedback and alternative suggestions presented to the team from the consultation was reviewed and the proposals were further amended to reflect the feedback. Alternative suggestions which aligned with the aims of the project were included.

The final design proposals were presented, and recommendations were amended and then agreed by the Mayor in Cabinet in November 2020 are listed below. The supporting appendices presented to Cabinet as part of the Cabinet Pack, are available at:

<https://talk.towerhamlets.gov.uk/LSBow> and

<https://democracy.towerhamlets.gov.uk/ieDecisionDetails.aspx?AllId=115688>

This includes:

- Appendix A – consultation document
- Appendix B – final proposals plan
- Appendix C – engagement and consultation summary
- Appendix D – consultation results
- Appendix E – alternatives considered
- Appendix F – EqIA (superseded by this version)

DECISION

1. *To note and conscientiously consider the results of the engagement to date and public consultation of Bow Liveable Streets (Appendix C & D to the report)*
2. *To approve the final scheme design for the Bow area as part of the Liveable Streets programme (Appendix B to the report) and summarised in section 3.3 of the Cabinet report*
3. *To devise an exemption scheme for consideration in respect of vehicles belonging to designated blue badge holders.*
4. *To agree that a further report be brought to Cabinet for approval setting out the options for the operation of the Roman Road and Coborn Road bus gate and timed closure including hours of operation and potential exemptions for local blue badge holders, carers and potentially other local groups. The report will additionally explain how changes to exemptions might be made, in a way that is both transparent but responsive, to these or other timed closures.*

With reference to decision 3 and 4 by the Mayor in Cabinet, this EqIA accompanies the Cabinet report for March 2021. Further options for approval in relation to the operation of the bus gateway and timed closure are presented as recommendations, these are:

- *Roman Road bus gateway should operate from 6.30am to 9.30am and 3.30pm to 7pm.*
- *Coborn Road timed closure should operate from 6.30am to 7pm.*

- *Exemptions should be applicable to the below groups (further details are in the cabinet report):*
 - *Emergency services*
 - *Local buses (where required on existing routes)*
 - *School buses, dial a ride, local buses (all ability Bow services, community and passenger transport)*
 - *Blue badge holders who reside in the Bow area – up to 2 nominated vehicles*
 - *Carers (those receiving care allowance, DLA, PIP who reside in the Bow area) – up to 2 nominated vehicles*
 - *Local GPs on call*
 - *Taxicard users who reside in the Bow area*
 - *Royal Mail vehicle while fulfilling their Universal Service Obligation*

In relation to the administration of the exemption scheme, it has been estimated that for officers to run this scheme there is an administration cost of £20 per application. This cost applies to all applications relating to bus gateways and timed closures exemptions across the borough. Persons who wish to apply for an exemption are required to pay this annual charge, which will be implemented under the Localism Act 2011. Further details are within the Cabinet report March 2021.

5. *To approve the use of existing frameworks or term contracts to award an order up to a value of £3 Million for the completion of the Works.*

Liveable Streets – Bow Proposals

Scheme 1

- Roman Road bus gateway, located on Roman Road east of the junction with St Stephens Road: during the hours of 6.30am to 9.30am and 3.30pm to 7pm, Monday to Friday. Exemptions for certain identified groups who reside in Bow (as defined in the cabinet report) area to pass through the Roman Road bus gateway.
- Improvements to the junction of St Stephen's Road and Roman Road to improve vehicle flow during non-operational times including the removal of four parking spaces on Roman Road and four spaces on Stephen's Road.
- Left turn only to be installed for those travelling along Roman Road onto St Stephen's Road.

Scheme 2

- Increase restriction of vehicle movements on Roman Road East to non-market days, subject to further engagement with market traders and businesses to develop detailed design and allow additional blue badge/disabled parking and exemptions on non-market days.

Scheme 3

- Vehicle closure on Old Ford Road at Skew Bridge including more planting.
- Conversion of Old Ford Road/St Stephen's Road roundabout to a T-Junction.
- New short stay parking spaces and cycle parking near the shops.
- Additional resident parking bays either side of Skew Bridge.



Scheme 4

- Coborn Road timed closure, located on Coborn Road under the railway bridge (between Malmesbury Road and Tredegar Road junctions: during the hours of 6.30am to 7pm, Monday to Friday. Exemptions for certain identified groups who reside in Bow (as defined in the cabinet report) area to pass through the Coborn Road timed closure.
- A permitted right turn at the junction of Coborn Road and Bow Road during the timed closure hours on Coborn Road. Reintroduction of a right turn to/from Bow Road subject to liaison with TfL.
- Motor vehicle closure at the south end of Selwyn Road at the junction with Antill Road.
- Closure on Antill Road, west of the junction with Coborn Road.
- Making Antill Road between Lyal Road and Coborn Road two-way.
- Reinstate the right turn from Tredegar Road into Coborn Road, and one parking space removed to improve visibility.

Scheme 5

- Improvements to various walking and cycling routes of which can be found within the map in Appendix B of the November 2020 Cabinet pack. This includes the introduction of dropped kerbs, improving crossing points, and the decluttering of street furniture.

Scheme 6

- Introduction of traffic calming both horizontal and vertical on Fairfield Road, Parnell Road and Jodrell Road, including raised pedestrian crossings and speed tables.

Complementary measures

Alongside the physical infrastructure changes in the project area, there are a number of complementary measures which will help facilitate the community in taking up active travel. These include:

- The provision of adult cycle training
- The provision of disability cycle training
- Promotion of walking and cycling events in the area
- Free Dr. Bike and bike marking events
- Workshops with the schools in the area to provide discussion on the principles of Liveable Streets
- Provision of materials for schools including banners, cycle and scooter training, road safety training and any other ad hoc programmes which fit into this category of work
- Support for residents to run Play Streets
- Cycle hangar provision where appropriate

Further engagement:

An Ask the Mayor session was arranged for Tuesday 12 January, which took place online. This followed the same format as the Ask the Mayor sessions which have taken place since the beginning of the pandemic where lockdown and restrictions are applicable across London.

A total of 190 questions were submitted before the session and on the night.

March 2020 Cabinet

Following the decisions from the Mayor in Cabinet in March, the EqIA will be updated to reflect, information on the decisions will be shared publicly.

Monitoring



At the start of every project baseline data is gathered to understand the composition of local communities, how current traffic operates, volumes, speeds, routes, collisions, as well as pedestrian, cycle movements air quality, bus impact, and community feedback.. The impacts on the protected characteristics, most likely relating to those with mobility impairments or disabilities, will be monitored through continued engagement, amendments to design where required relating to ongoing feedback and a feedback survey following the implementation of the measures.

Details of data collected as part of this scheme can be found within documents at <https://talk.towerhamlets.gov.uk/lsbow> or on the Tower Hamlets website, such as Air quality monitoring which is available at the below address https://www.towerhamlets.gov.uk/lgnl/environment_and_waste/environmental_health/pollution/air_quality/Monitoring.aspx or ward profile information is available at https://www.towerhamlets.gov.uk/lgnl/community_and_living/borough_statistics/Area_profiles.aspx

The proposals and schemes implemented will be monitored in their effectiveness of meeting the aims of the programme and to understand any 'knock on' effects. We will also monitor vehicle volumes, speeds, and recorded collisions, as well as the value of improvements to the walking and cycling environments.

These surveys and studies will enable and support any further changes required within the area and obtain feedback from key stakeholders including emergency services.

Feedback on the schemes are welcomed throughout the project. All feedback received will be included and inform the monitoring review process. This includes all feedback sent to the council, and meetings held with stakeholders and internal departments.

Construction and engagement

Prior to Cabinet in November 2020, a results booklet was posted online and emailed to those on the project mailing list. This detailed the results of the consultation and can be found at <https://talk.towerhamlets.gov.uk/lsbown>. An updated version will be created following March 2021 Cabinet with the decisions and posted to every posted in the Bow area.

Guidance due to COVID-19 will be adhered to during delivery of update documents and notification letters.

Where applicable, localised meetings with the community and/or stakeholder will be held in order to gain specific feedback regarding detailed designs within the constraints of the site. These sessions will be carried out in relation to pocket parks, the market area and school streets. Sessions will be held online or face-to-face, depending on the restrictions in place due to the Covid-19.

Throughout the construction period, letters will be sent to each property in the vicinity of the works with information regarding start date, possible disruption including noise, working hours, access implications. Information will also be sent to the mailing list and key stakeholders in the area such as schools, for those accessing the area. A construction communications strategy will be developed to ensure information is circulated in good time. A copy of the notification letters sent to date can be found at <https://talk.towerhamlets.gov.uk/lsbow>

At times during the construction, alternative routes will be in place for drivers, cyclists and pedestrians. Where such measures are required, management of all road users will be put in



place such as temporary ramps with particular consideration for accessibility for disabled or mobility impaired people. Signage will be erected prior to works starting.

During the construction period, it is acknowledged there may be localised disruption which is expected to resolve as the scheme finishes construction and settles in. Throughout this period, people are able to contact the team via email, phone, or writing to team with their concerns which will be addressed and resolved in a timely manner.

Once construction is complete each individual scheme within the project will be monitored in their effectiveness of meeting the aims of the programme. We will also monitor vehicle volumes, speeds, and recorded collisions, as well as the value of improvements to the walking and cycling environments. These surveys and studies will enable and support any further changes required within the area and obtain feedback from key stakeholders including emergency services.

Following implementation of the scheme, additional surveys will be undertaken to monitor and assess its operation within 18 months. These will be compared to the baseline collected at the start of the project. Schemes will be implemented under an experimental temporary basis, further details can be found in the Cabinet report.



Section 3 – Evidence (Consideration of Data and Information)

The data used in this section is from the ward profile (corporate research unit, 2014), general population (Census 2011), it should be noted that the project area is not the entirety of these two wards. The information obtained from the engagement and consultation phases (outlined in section 2) or surveys undertaken as part of the project (data outlined below) is also where possible. However further information and data collection will continue as part of the project, this is detailed under monitoring and section 5.

The early engagement and workshop reports can be found online via talk.towerhamlets.gov.uk/LSBow and the interactive map of comments and suggestions can be found at www.pclconsult.co.uk/liveablestreetsbow

As mentioned in section 2, the Cabinet pack presented in November 2020 can be found at <https://democracy.towerhamlets.gov.uk/ieListDocuments.aspx?MIId=11328>

The scheme has been developed based on evidence and reports from numerous council departments including, but not limited to:

- Public Health Team
- Air Quality Team
- Community Safety Team
- Highways Team
- Network Management Team
- Planning Team
- Green Team
- Parking Team
- Passenger Services

Additional data was obtained including:

- Collision data
- Traffic count data
- Air Quality data
- ASB mapping

Information was shared with a number of stakeholder and responses and comments were invited as well as meetings offered:

- Meetings with key stakeholder groups, including, but not limited to, Emergency services REAL, Age UK East London, London Vision, Older People's Reference Group, Link Age Plus, Healthwatch Tower Hamlets, Schools, Communities Driving Change, market traders, local businesses, places of worship and others.
- Consultation and engagement exercises and events including surveys, drop-ins, co-design workshops, Accessibility Transport Forum, Accessibility Day and others.

The proposals have also been considered in guidance and reference to national and local policies including but not limited to:

- **Tower Hamlets Transport Strategy, 2019-2041** – the London Borough of Tower Hamlets has committed to promote clean, sustainable transport modes and focus on improving safety and accessibility, whilst ensuring sustainable methods are affordable to residents and businesses. This Transport Strategy directly relates to the Mayors Transport Strategy published in 2018 and sets out how Tower Hamlets will achieve the aims and targets of the MTS.



- **School Streets** - The Mayor of Tower Hamlets has committed to delivering 50 School Streets by 2022. This aims to create areas where children can safely walk or wheel to and from school. For streets with timed closures, residents and businesses can apply for a school street permit to retain access at all times.
- **Electric Vehicle Charge Points** – facilitated by the TfL, the Mayor of London and Local Authorities, EV charging points are being rapidly rolled out in order to increase capacity for electric vehicles and shift to zero emission technologies. Electric Vehicle Charging Point Delivery Plan detailed the strategy and delivery for these works. Tower Hamlets Electric Vehicle Charging Point Delivery details the borough’s strategy for installation.
- **Air Quality Action Plan 2017-2022** – produced as part of the duty to London Local Air Quality Management. It outlines the action the council will take to improve air quality in Tower Hamlets between 2017-2022.
- **Ultra Low Emission Zone** – introduced by the Mayor of London to improve air quality in inner London. The zone is to be expanded in 2021 and will cover the entire borough of Tower Hamlets.
- **Zero Emissions Networks (ZEN)** – the Mayor of London seeks to establish ZENs in Tower Hamlets, Islington and Hackney which provide support, advice, and small grants to help businesses reduce their emissions.
- **Mayors Transport Strategy (MTS), 2018** – The Mayors Transport Strategy sets out the policies and proposals for all London Boroughs to reshape London over the next two decades. The MTS aims to create Healthy Streets and healthy people.
- **Gear Change: a bold vision for walking and cycling** – the Department for Transport’s report on actions required to improve streets for people and cycling and empower and encourage local authorities to take initiative in improving conditions for active travel.
- **Emergency Active Travel Fund** – Emergency Government funding allocated nationally and to TfL and local authorities in London to facilitate social distancing pandemic, encouraging a shift towards walking and cycling to relieve pressure on public transport in the near future.
- **Tower Hamlets Green Grid Strategy 2017** – creation of a cohesive network of appealing walking routes and associated green infrastructure across Tower Hamlets, to secure a healthy and attractive environment for residents, workers and visitors.

The proposals will impact all those who live, work and use the Bow area. The Bow area spans Bow East and West wards within the borough of Tower Hamlets.

Demographic data used in the following section will reflect this. This data will be used in order to contextualise the project area and proposals.

The programme aims to reduce the number of people cutting through residential streets, to encourage more sustainable journeys and to improve air quality and road safety. All areas will still be accessible via motor vehicle and provision of disabled parking adjacent to these areas will be retained. Improvements to footway provision within the area will increase independent travel opportunities. To achieve this, the project does include some restrictive measures outlined in section 2 such as modal filters (road closures) and pedestrianised areas. These measures will aid the environment improvements, but it is recognised that this will disbenefit



those who require a vehicle, through longer journeys in distance and time with a possible increase in cost.

At the time of the 2011 census, 56% of residents in Tower Hamlets did not have access to a car or van. This was the 5th highest proportion of persons without access to a car in the country (after City of London, Islington, Hackney and Westminster)⁶, and 1/3 of car trips in the borough are less than 1.2 miles long³. In Bow, car ownership is 37.9% and 41.6% for Bow East and West wards respectively⁷.

The 2011 census results show that Bangladeshi (48% of the total Bangladeshi households), Pakistani (41%) and White British (39%) households were the top 3 ethnic groups that own one or more cars in the borough⁶.

In 2011, Pakistani occupied 1% of the borough population and the group was much smaller than Bangladeshi (32%) and White British (31%)⁷. The number of cars owned by Pakistani households were therefore much smaller than the other two groups in the borough⁷.

In the resident phone survey, only 'Asian or Asian British: Bangladeshi', and 'White: British' had substantial numbers of samples and data of these groups may depict some picture of car ownership by these groups⁷. Compared to the car ownership by the total samples (37%), a higher proportion of 'Asian or Asian British: Bangladeshi' respondents owned cars (45%)⁷.

The 2011 census shows that households that included members who were aged between 0 and 15 were the most likely to have cars (53%) in the borough⁷.

The residents phone survey data show a higher level of car ownership among those aged between 35 and 64 (43-44% vs 37%)⁷. It should be noted, however, that sample numbers for these group were not large. The Transport Strategy evidence pack also noted that there has been an increase in car ownership in the last few years⁷.

It should also be noted, the evidence pack for the Transport Strategy states, whilst 40% of trips in the borough are made on foot, rates have been falling³. These proposals will help provide better, safer and more pleasant routes for undertaking journeys on foot or using the footways.

Schools

The team have met with the schools within the project area throughout the project. As detailed design progresses, they will continue to be involved in the shaping of their school street or school initiative.

Public Health Teams also shared statistics on the level of obesity and child obesity in the borough, some of which relates to the small number of children who do not walk, scoot or cycle to school due to the unsafe busy roads. The team are working with the Public Health team to further engage with schools.

Emergency services

Engagement with emergency services has been carried out throughout the project and will continue after implementation.

The proposals will reduce cut-through traffic on the internal residential streets of the Bow area, improve road safety and provide health and wellbeing benefits for all.



1. Age (all age groups)

Older persons

For all age groups, the proposed continuous and widened footways in the area will provide significant accessibility gains for all users but particularly those with mobility impairments, who may be hindered by uneven or narrow footways, a lack of dropped kerbs/continuous crossings, and street clutter. Improvements to footways will increase accessibility to independent travel for this group increasing their opportunities to enjoy outdoor space and the benefits that that brings. Proposed pedestrian route works, road safety improvements and street lighting will deliver accessibility advantages to people from this group using sustainable modes.

It is also likely that people who increase their physical activity. In particular those who are older, will find they feel more healthy, energetic and independent, according to the NHS guidance³³. They state that 'as you get older, it becomes even more important to remain active if you want to stay healthy and maintain your independence³³. These proposals will encourage people to be more active, and it will be in a safer, nicer and more pleasant environment.

People's ability to use sustainable modes of travel can be reduced because of age-related health conditions. According to the borough profile, only 6% of the borough's population are aged 65+ compared to 12% in London and 18% in England. In Bow East and West wards, 7.4% (1087) and 7.8% (1007) of residents over the age of 65 respectively⁶, higher than the borough average.

Inequalities exist between ethnic groups and asthma registrations in the older age groups. 12.9% of the Tower Hamlets South Asian population who are over 70 years old have been diagnosed with Asthma, compared with 8.3% of the white and 5.2% of the black population over 70 years old⁷.

Long walking times to access public transport can be a barrier for older people and boarding and alighting public transport can be physically challenging for this group. As part of TfL's bus stop accessibility programme, over 90% of all bus stops in Tower Hamlets are fully accessible⁸.

There is a requirement to ensure older people have access to facilities such as hospitals and GPs surgeries and this is considered in accessibility planning carried out by the borough, which stresses the need for these services to be served by good public and private transport facilities. As mentioned above, all access will be allowed, via alternative (potentially longer) routes.

Older people may be more dependent on motor vehicles for their transport needs, often used in conjunction with a Blue Badge parking permit and taxicard scheme, with the ratio of retired badge holders to all blue badge holders in Tower Hamlets being 2.7:1 and the retired people as a percentage of the population 4.7⁹. There are 710 blue badge holders within the Bow area. There are 1,634 taxicard holders within the borough, and 289 within the Bow area.

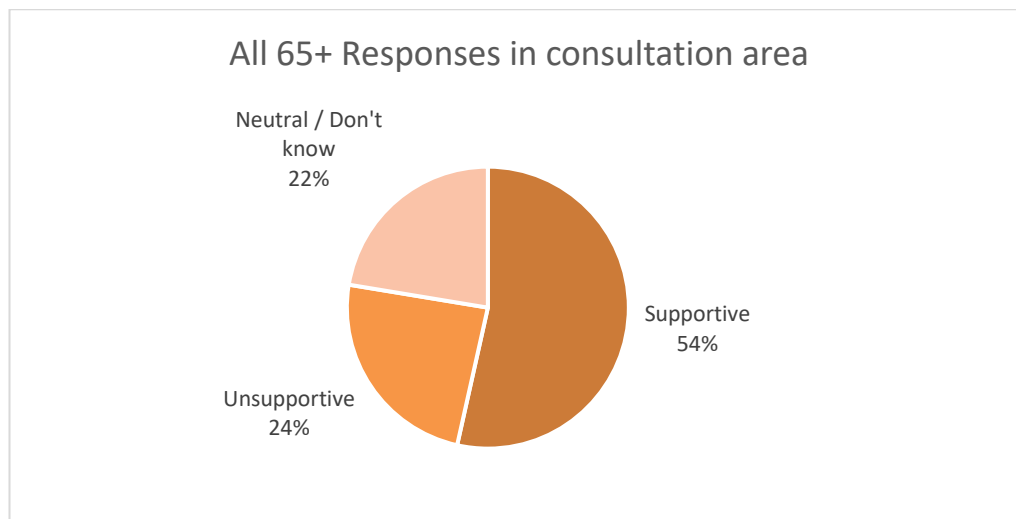
As part of the process, discussions have been held with key groups regarding the proposals and the impacts they could have and the key issues they would like to see addressed by the programme. One of the direct requested/feedback was regarding blue badge exemption from the Local Voices group.



The project area includes parking zones B1 and B2. For those who need to access their destination and mobility impairments mean they cannot walk far, provision of double yellow lines remains throughout the project area so blue badge holders, can park in these locations for the designated time.

Older people may find it difficult undertaking short distances on foot or using public transport due to impaired mobility and/or poorly maintained footways. Traffic schemes that reduce vehicle speeds, improve the footways and crossings can increase feelings of personal safety and are likely to lead to an increased uptake in walking. These proposals in this respect are positive to all those in the area within this group. Direct feedback from the Local Voices group highlighted the need for seating, this will be included in designs where individual static seating or rest points can be added, in particular reference to Roman Road market end. Further provisions around the bus stop on Roman Road and more space has also been included in the proposals going forwards. Another key point was the monitoring and enforcement of street furniture and advertising signage cluttering footways. As part of the proposals an audit on street furniture will be carried out to remove unnecessary obstacles providing more space for those using the footways.

Older people may in some cases have difficulty accessing online material. Hard-copy flyers, consultation packs and reminder postcards were sent to all addresses for early engagement and the consultation within the project area. Guidance due to COVID-19 was adhered to during delivery. As mentioned in Section 2, a robust engagement programme included face to face drop-ins (when possible), phone line, and address provided to write to us. Further engagement will take place with community groups and organisations.



9% of the respondents who declared this information stated they were 65 years or older, of which 54% were supportive of the proposals overall.

Of the 18% who were unsupportive, the feedback was:

- The elderly and disabled rely on their car to get to places
- Certain closures would leave limited access
- This will just divert traffic onto other roads
- Car journeys won't reduce, it will cause gridlock and pollution



- Why is council is paying out for cyclists when they do not pay a cycle tax
- If the scheme works then it will be good for the area but it seems ill thought out and I am not sure it will work

It is acknowledged that journeys for those who need to use a vehicle will be longer with the added implication of additional cost and time. Some people have or choose to take journeys by motor vehicle. These journeys may be longer in time and distance, but all destinations will still be accessible by private vehicle, taxis, private hire vehicles and passenger transport services.

It is recognised that some elderly persons including those with mobility issues, neurocognitive conditions or other may require door-to-door services. The proposals will still allow those who need to book a taxi or PHVs to do so, these vehicles will still be able to access their pick-up location or destination. It also means vehicles 'plying for hire' can do as all areas are accessible, but it does mean taxis 'plying for hire' will be required to enter and exit an area via the same main road and not exit onto other main roads travelling through the area during the hours of operation of the bus gateway and timed closure. Those who need to use this accessible form of transport, will have to use alternative routes, which is likely to add to distance, time and cost, depending on their location if they are not eligible for an exemption. Those who use a taxicard can apply for an exemption and will still be able to use this form of transport.

Additionally, community transport services such as Dial-a-Ride will continue to be able to access properties within the area, however they will be required to take alternative routes, as will PHVs, Taxis and private vehicles. Where it is currently difficult for some to access public transport services because of poor accessibility provisions, including dropped kerbs and wide footways within the Bow area, the walking route and lighting improvements are likely to reduce barriers to these modes and may result in persons feeling they are able to travel more.

Furthermore, to support carers who are supporting others who reside in Bow, it is recommended to allow a carer area to apply for an exemption to the bus gateway and timed closure. Applicants will be able to nominate up to two vehicles to support those who reside in Bow and receive care, as detailed in the Cabinet report, March 2021. Therefore, this minimises the impact to those persons who are eligible.

Age - Young People & Children

The proposals aim to reduce traffic volumes/speeds and improve the pedestrian environment which in turn should provide a safer environment for children to use more sustainable modes of travel with and without parental supervision. There are more than six schools and two nurseries located within the project area and improving conditions for children to travel actively to school is a priority.

The travel mode of children has changed significantly over the last twenty years, with a decrease in children travelling as pedestrians or cyclists. 19.7% of the borough are aged under 16⁵, which is roughly representative of 17.5% (2581) and West wards 19.3% (2492)⁶. According to the borough profile, Tower Hamlets has equal fifth youngest median age in the country (31.6), with 79,625 people aged 0-19⁵. That's 25% of its population, on par with England and London (24 and 25 respectively)⁵.



This is a group that can be particularly affected by changes to transport. To a large extent, parents determine the mode choice of children. Traffic infrastructure has a significant impact on parental decision-making concerning children's travel mode choice, by affecting both the real and the perceived traffic safety. Real traffic safety can be quantified in terms of numbers of collisions on the street, whilst perceived traffic safety is dependent upon the characteristics of their children and how safe they feel they will be travelling on the highway unsupervised¹¹.

Children require physical activity to ensure their healthy development. A survey published by the Department for Transport (DfT) in 2013¹², identified that almost half of English primary school children (46%) are driven to school and the average length of trip was 1.8 miles. By Year 6, the proportion of children who are overweight or obese doubles to more than 2 in 5 children (42.1%); and has not fallen for many years¹³. This rate is significantly higher than London (37.7%)¹³. In Tower Hamlets as childhood obesity levels of our 4-5 year olds and 10-11 year olds are significantly higher than national levels (although levels have been decreasing for those aged 4-5, but not 10-11)¹⁴.

The fear of being killed or injured by a motor vehicle is also one of the primary factors preventing greater use of active travel, particularly amongst children³⁴. Physical activity in young people can be encouraged through the development of a safe environment which is not traffic dominated.

Additionally, the public transport network in Bow is also likely to be improved by removing non-essential traffic and therefore improving network reliability. The bus gateway at the Roman Road/St Stephen's Road junction would have a positive impact on public transport travel times. Local buses (where applicable school buses, community buses) will be allowed through the bus gateway and timed closures as identified in the Cabinet report. This will not impact those using these services on these routes, however some journeys to collect persons may have to take alternative routes due to physical road closures. Those who are eligible for a blue badge or taxicard will also be able to apply for an exemption. Therefore, this minimises the impact to those persons who are eligible.

Improvements will be made outside schools to improve pedestrian priority, safety and encourage sustainable journeys which will further benefit users of sustainable modes in this group. "School Streets" at Chisenhale, Olga, Old Ford and Malmesbury Primary Schools, will be closed to motor vehicles between 8.15am to 9.15am and 3.00pm to 4.00pm on school days. This will make roads which surround school's pedestrian and cycle zones and will enable children and parents to arrive and depart from school safely. Reductions in traffic dominance will improve conditions for children walking/cycling/scooting to and from school. Parents/guardians and children, who are eligible for a blue badge or taxicard will also be able to apply for an exemption to their school's 'school street'. Therefore, this minimises the impact to those persons who are eligible.

The lung condition, asthma is the most common long-term medical condition affecting children and young people¹⁵. Therefore, a reduction in through-traffic, and therefore congestion and air pollution are likely to improve conditions for young asthma sufferers, as it has been



acknowledged that air pollution from road transport is linked to tens of thousands of early deaths every year¹⁶.

Others who do not hold a blue badge or taxicard, and either need or chose to use a private motor vehicle or taxi, will be required to take an alternative route because of changes to the roads and junctions. This is likely to impact those who have a mobility issue but are not eligible for an exemption. As a result of these alternative routes, some journey times and distances may be longer and therefore an increase in costs.

Details including the process and information require to be eligible can be found in the Cabinet report. The process for applying for an exemption will follow the existing online system, verified by a user account and supporting documentation, used by the council's Parking Team.

There is an annual charge for the exemption scheme to cover administration costs, which is £20, this may change during the review of the scheme as the charge is reflective of the administration cost. This will impact persons who wish to apply for an exemption. This exemption is not mandatory and therefore residents and carers can apply at their discretion.

Community transport and school buses will also be able to reach their destinations, however alternative routes will be required. Discussions with the passenger transport services in the borough will continue to take place, should any unforeseen impacts arise these will be shared with the team and action will be taken to reduce the impact.

Emergency services have a number of routes through the area either operated by ANPR or removeable bollards. Ongoing discussions will continue to take place and any issues which arise will be addressed immediately with the emergency services to mitigate any impact to the community, health and safety.

The impact of longer journey times is deemed to be offset by the improvements for independent travel provided by the proposed improvements and the expected air quality, safety, noise and wellbeing benefits to this group. Within the area journey times are likely to reduce in time as the volume of traffic falls, with reduced build-up of traffic congestion expected. Therefore, those in the area are likely to experience less traffic build up on their street and the associated noise and air pollution.

There will be some offset on the journey's times and experience within the area, as the volume and type of vehicle within the area will be for access only, or sustainable travel methods such as walking and cycling. Where possible, one-ways have been used to improve the existing conflict of vehicles travelling in both directions on narrow residential streets, this will further improve the provision for drivers for those who need to as well as the environment for vulnerable road users, walking and cycling.

It is also important to note the market hours of operation are unimpacted by the bus gateway, but there is some impact on those travelling by vehicle who are not eligible for an exemption south of the Coborn Road closure.



We will continue to review the impacts of the proposals, particularly the full road closures and one-ways which have been identified as having the most impact on older and younger persons. Further feedback will be obtained through resident panels and stakeholder engagement sessions, including schools, throughout the construction and review period.

2. Disability (Physical, learning difficulties, mental health and medical conditions)

Proposed continuous and widened footways in the area will provide significant accessibility improvements for all users but particularly disabled users, who may be hindered by uneven or narrow footways, a lack of dropped kerbs/continuous crossings, and street furniture clutter. Improvements to footways will increase accessibility to independent travel for this group increasing their opportunities to enjoy outdoor space and the health and wellbeing benefits associated. Proposed pedestrian route works, road safety improvements and street lighting will deliver accessibility advantages to people from this group using sustainable modes.

A disability can reduce an individual's walking range and affect their ability to use the public transport system. In 2011, the disability rate in Tower Hamlets was at 135 per 1,000 residents or 13.5%¹⁷. It has been found that people with disabilities more frequently used buses and taxis as a mode of transport than other travel modes⁷. These proposals will help to reduce the barriers to travel and accessibility for this group.

The data in the table below is sourced from the 2011 census and provides information persons living with health limiting illness or disability⁶.

Area	Day-to-day activities limited a lot	Day-to-day activities limited a little	Day-to-day activities not limited
Bow East	1,100	1,094	12,587
Bow East (%)	7.4%	7.4%	85.2%
Bow West	889	875	11,175
Bow West (%)	6.9%	6.8%	86.4%
Tower Hamlets (%)	6.8%	6.7%	86.5%
London (%)	6.7%	7.4%	85.8%
England (%)	8.3%	9.3%	82.4%

According to a 2007-2014 study¹⁸, for those whose health problems make it hard to use buses, the most common problem is getting to the bus stop. Walking, whether as a means of transport or as a walk to bus and train stops, can be made easier for mobility impaired people through the proposals incorporate dropped kerbs, controlled pedestrian crossings and tactile paving, within a well-maintained, clutter-free public highway that avoids excessive gradients and crossfalls. This is in addition to the measures to reduce through traffic which will improve road safety.

People with disabilities may be more dependent on private motor cars for their transport needs, often used in conjunction with a blue badge permit or taxicard scheme.



As part of the process, discussions have been held with key groups regarding the proposals and the impacts they could have and the key issues they would like to see addressed by the programme. The direct feedback, from key stakeholders, was issues the bus gateway posed for disabled resident access and request for blue badge exemption. Concessions have been recommended to reduce to the impact to those with mobility issues in this group in the form of the blue badge, taxicard and carer exemptions. There are 710 blue badge holders and 289 taxicard holders in the Bow area who will be less impacted as will be able to travel through the timed closures and bus gateway during the hours of operation.

Furthermore, to support carers who are supporting others who reside in Bow, it is recommended to allow a carer to apply for an exemption to the bus gateway and timed closure. Applicants will be able to nominate up to two vehicles to support those who reside in Bow and receive care, as detailed in the Cabinet report, March 2021. Therefore, this minimises the impact to those persons who are eligible.

We also understand that some persons may not be a carer as defined in the Cabinet report, this will impact them as they will be required to take an alternative route during the hours of operation. Vehicle access to every street will be maintained, but we acknowledge that with road closures comes additional time and cost for the journey. We will monitor this closely and officer discretion could be applied in exceptional circumstances.

There is an impact to those who won't be eligible for the above exemptions, however the impact is reduced because of the improved accessibility and environment of the area and reduced hours of operation, but the impacts will be monitored and continued engagement with these groups will take place.

Continued engagement will take place with groups, organisations, charities throughout the programme to further mitigate any impacts which arise.

According to Department for Transport data from 2019, the number of licensed taxi and private hire vehicles and licensed drivers has reached record highs in England. Over a third of vehicles licensed are in London (63%). It also stated those without car access make around 4 times as many taxi/PHV trips and travel twice as far as those with access to a car. stated there are 108,200 taxi/private hire vehicles registered in London¹⁹ and 20,100 London taxis (as required by TfL's Conditions for Fitness') and 600 private hire vehicles are wheelchair accessible vehicles¹⁹. Taxi and PHV usage makes up 3% of all trips for those with mobility difficulties compared to 1% for those without mobility difficulties' per the data shared by DfT, taxis (including hackney carriages) can 'ply for hire' or be pre-booked, whereas PHVs must be pre-booked. The proposals therefore still enable those who need to book a taxi or PHVs to do so, it also means vehicles 'plying for hire' can do as all areas are accessible, but it does mean taxis 'plying for hire' will be required to enter and exit an area via the same main road and not exit onto other main roads travelling through the area. It is recognised that taxis and private hire vehicles are a key accessible transport for persons with a disability, with the number of trips being taken having increased from 16 per person per year to 21 per person per year made by adults (16 or over) with mobility difficulties¹⁹. Those who use a taxicard can apply for an exemption and will still be able to use this form of accessible transport.



It has been recognised to allow taxi's and PHVs carrying a taxicard holder to use the bus gateway and timed closure. By allowing all taxis and PHVs to pass through the bus gateway and timed closure at all times, it would reduce the benefits of the scheme for all other groups and negativity impact some of the most vulnerable road users, those who walk and cycle. This is because it would increase the number of vehicles during the hours of operation. The impact has been reduced and those using taxis or PHVs as an accessible form of transport can continue to do so during and outside of the hours of operation.

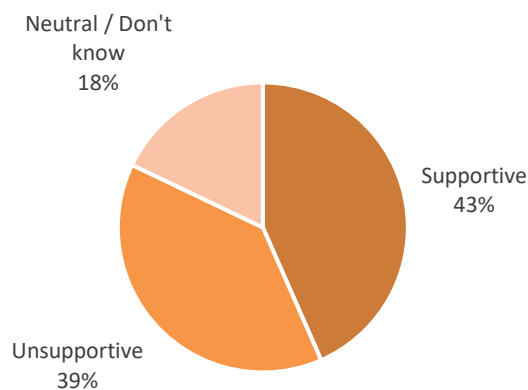
There is none to minimal impact to the public transport network, particularly during the hours of operation within the Bow area, the accessibility routes to the transport hubs and some bus stops will be also improved.

Additionally, community and passenger transport services such as Dial-a-Ride, school buses will continue to be able to access properties within the area and will be able to use the bus gateway during the hours of operation. Discussions with the passenger transport services in the borough will continue to take place, should any unforeseen impacts arise these will be shared with the team and action will be taken to reduce the impact. It is important to note that younger people who require a vehicle due to a disability to get to school, will still be able to travel either via alternative routes by a car, school bus or taxi.

It is suggested that interventions to improve accessibility/enable cycling by disabled people are also likely to support a growth in cycling by all. Installation of segregated cycle facilities and removal of through traffic on residential streets amongst other measures mentioned in the above paragraph provide an integrated, less hostile environment in which vulnerable users can travel actively. Additionally, research suggests that there is little awareness amongst transport professionals, including within local authorities, of the fact that Disabled people can and do cycle²⁰. Traffic calming schemes that reduce vehicle speed can increase feelings of personal safety and may lead to an increased uptake in both walking and cycling. It will also improve conditions for those using mobility scooters²⁰.

Direct feedback from key stakeholders highlighted the need for seating, this will be included in designs where individual static seating or rest points can be added, in particular reference to Roman Road market end. Further provisions around the bus stop on Roman Road and more space has also been included in the proposals going forwards. Another key point was the monitoring and enforcement of street furniture and advertising signage cluttering footways. As part of the proposals an audit on street furniture will be carried out to remove unnecessary obstacles providing more space for those using the footways.

All Disabled Responses in consultation area



10% of the respondents declared this information and of those 43% were supportive of the proposals.

Of the 39% who were unsupportive, the feedback was:

- Harder to get around using a taxi
- Will cause more difficulty getting to dependent relatives
- Traffic and air pollution does not evaporate
- There are already enough restrictions and nothing should change
- This will make journey times much longer in a vehicle and is trying to stop people driving
- Will cause chaos for local residents
- This will just cause more congestion on other roads
- Cycle stands cause an obstruction for wheelchair users
- Might affect businesses negatively
- Scheme is a waste of money
- Elderly and disabled people struggle to get around by walking

The impact of longer journey times is deemed to be reduced by the improvements for independent travel provided by the proposed improvements and the expected air quality, safety, noise and wellbeing benefits to this group. Within the area journey times are likely to reduce in time as the volume of traffic falls, with reduced build-up of traffic congestion expected. Therefore, those in the area are likely to experience less traffic build up on their street and the associated noise and air pollution. It is recognised that the changes will affect different people in different ways, whilst a short walk for one person may be manageable is may not be for another.

As part of the process, discussions have been held with key groups regarding the proposals and the impacts they could have and the key issues they would like to see addressed by the programme such as the need for wider footways and dropped kerbs. These measures have been included in key locations as part of the proposals. Additionally, an assessment will be carried out with key members of disability organisations, groups within the area to determine any areas which still require work and weren't noted in previous engagement or studies. This is



scheduled to take place on site and due to covid has been pushed back until it is a safe time to be carried out. This status has been shared at Accessibility Transport Forums over the last year.

Emergency services have a number of routes through the area either operated by ANPR or removeable bollards. Ongoing discussions will continue to take place and any issues which arise will be addressed immediately with the emergency services to mitigate any impact to the community, health and safety.

We will continue to review the impacts of the proposals, particularly the full road closures and one-ways which have been identified as having the most impact on disabled persons. Further feedback will be obtained through resident panels and stakeholder engagement sessions throughout the construction and review period.

3. Sex

According to the 2011 Census, the gender split of Tower Hamlets is 49.4% male and 50.6% female in both Bow East and Bow West wards⁶. The borough's gender split is 52.1% male and 47.9% female⁵. Therefore, it is slightly different in proportion of genders across the borough.

In London data published by TfL, shows women are less likely to drive (35% compared to 45% of men drive once a week) and are less likely to cycle or travel by train, Tube or motorbike²¹. They are also more likely to travel with buggies which can impact their travel choices.

TfL data also shows cyclists are more likely to be male. The study also found that 87% of women never use cycling as a mode of transport around London²¹.

According to the Tower Hamlets Annual Residents Survey, 2018¹⁰, women are less likely to cycle in London due to road safety concerns, the safer cycle routes are likely to positively benefit women for this purpose. Similarly, this is reflected across all adults in London, the NTS showed that the barrier to cycling it predominately due to safety concerns on the road²¹.

These proposals improve the infrastructure for cycling, thus removing the barriers and are likely to positively impact both males and females.

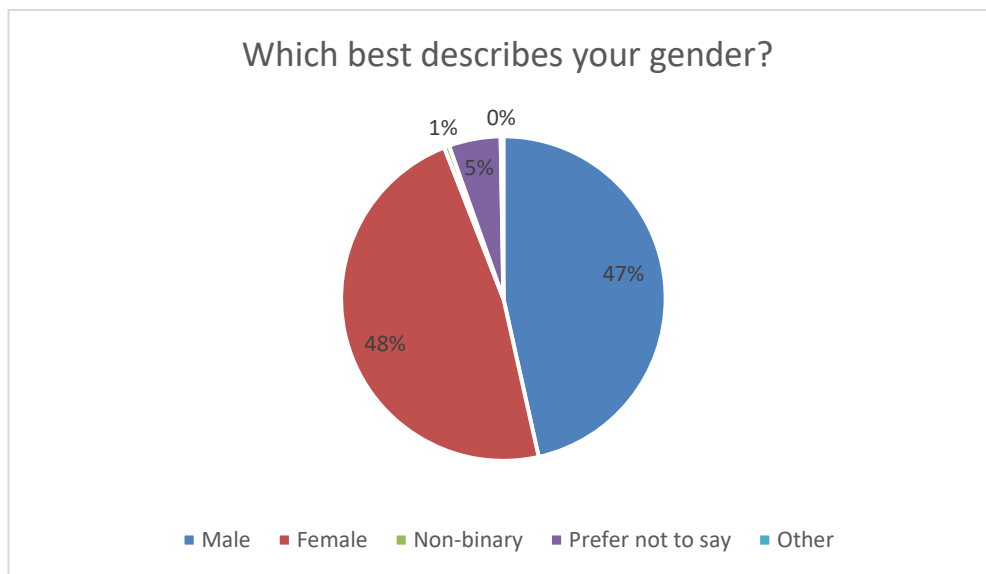
There are perceived concerns relating the removal of traffic and reduced 'passive surveillance'. At the time of writing data is not available to corroborate this, however this will be monitored as it has been raised through engagement with the community.

The Safer Neighbourhood Teams have been engaged as part of the programme, Designing Out Crime Officers. Ongoing discussions and engagement will take place throughout and be monitored.

On average in 2018, women made more journeys via taxi or PHVs compared to men (11 trips per person per year to 10 trips per person per year respectively)¹⁹. However, men travel further distances than women. Those who need or want to use a taxi will be able to do however alternative routes may be required, depending on the direction the taxi is coming from and going to. The majority drivers of taxis and PHVs are male (98%) compared the women (2%)¹⁹. Although this means more of an impact to drivers who the majority are male, routes are still

accessible, and passengers can be collected from all properties where vehicle access is permitted. The impact is also reduced as the closures are timed.

The proposals will still allow those who need to book a taxi or PHVs to do so, these vehicles will still be able to access their pick-up location or destination. It also means drivers 'plying for hire' can do as all areas are accessible, but it does mean taxis 'plying for hire' will be required to enter and exit an area via the same main road and not exit onto other main roads travelling through the area. Those who need to this accessible form of transport, will have to use alternative routes, which is likely to add to distance, time and cost, depending on their location. Ongoing review of feedback in relation to person using taxis and PHVs will be undertaken, including a review survey.



We will continue to review the impacts of the proposals and further feedback will be obtained through resident panels and stakeholder engagement sessions, including schools, throughout the construction and review period.

Additionally, the programme looks to work with partners in the creation of women's cycling groups, to address the gender imbalance observed at present.

4. Gender reassignment

There are no identified impacts to the characteristic of this group in relation to the proposals.

Engagement and information sharing on forums will continue to ensure any potential impacts are captured and mitigated.

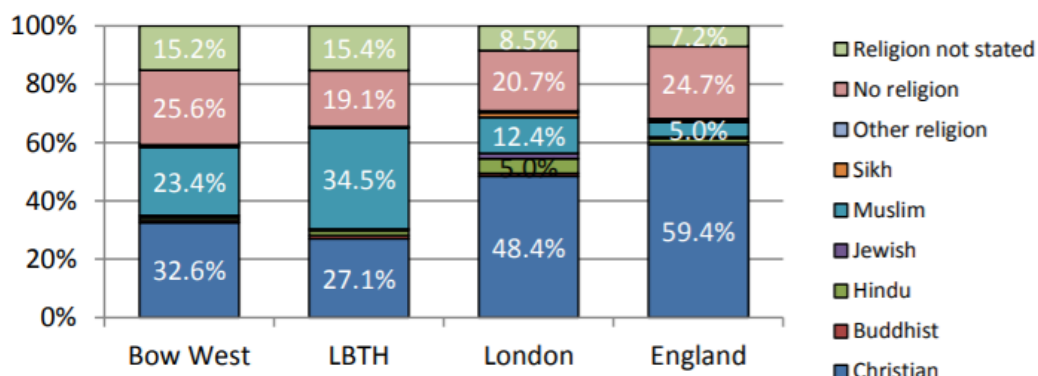
5. Marriage and civil partnerships

There are no identified impacts to the characteristic of this group in relation to the proposals.

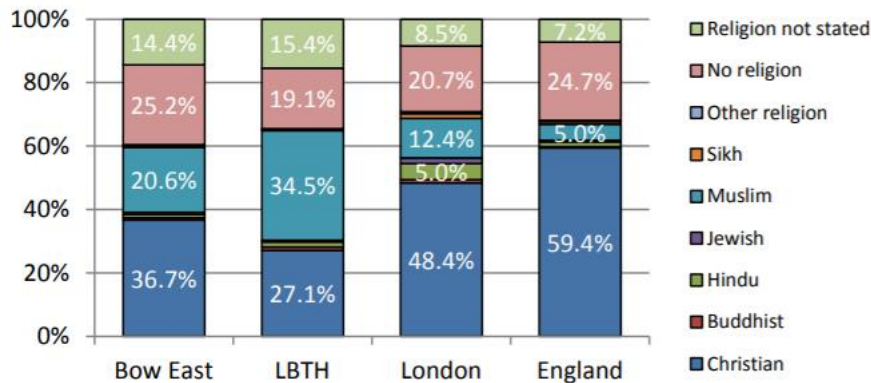
Engagement and information sharing on forums will continue to ensure any potential impacts are captured and mitigated.

6. Religion or philosophical belief

Bow West:



Bow East:

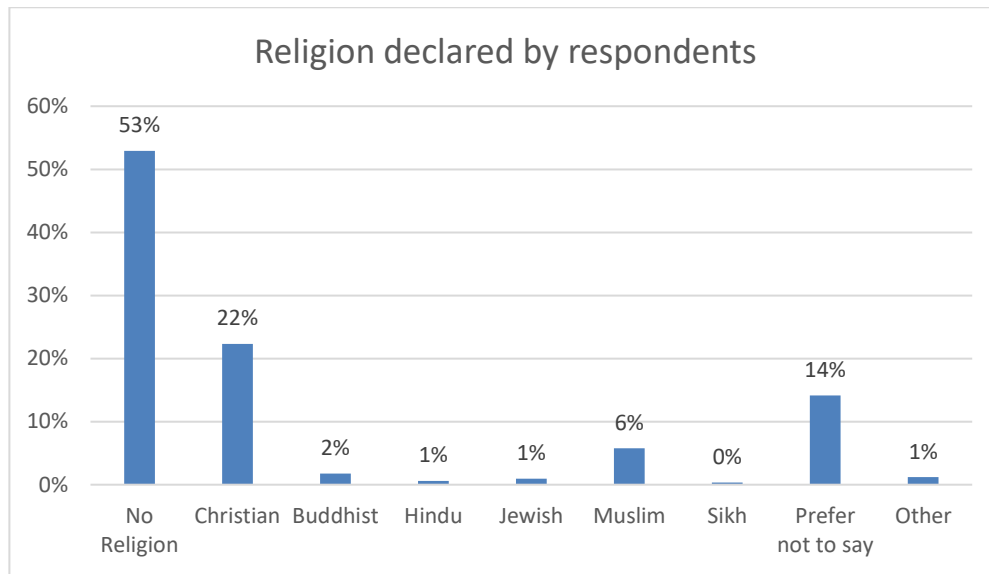


The tables above show the variety of religions or philosophical beliefs within both wards⁶.

The local places of worship will still be accessible by motor vehicle, but those visiting these establishments by vehicle may need to take an alternative route during the hours of operation. On Sundays, neither the bus gateway nor the timed closure will be in operation this reducing the impact. Similarly, the impact is reduced for Fridays when the bus gateway is open between 9.30am and 3.30pm.

As part of the programme cycle training with groups from places of worship are being organised, some sessions are on hold due to covid-19 measures. The improved environment should help encourage people who can and want to travel via alternative modes.

The proposals will still allow those who need to book a taxi or PHVs to do so, these vehicles will still be able to access their pick-up location or destination.



In comparison to the ward profiles, there was an under representation of all groups except for those with no religion.

Engagement and information sharing on forums will continue to ensure any potential impacts are captured and mitigated.

7. Race

Tower Hamlets is a vibrant and diverse borough. The 2011 Census indicated that Black Asian and Minority Ethnic (BAME) communities make up 55% of the borough's population, compared to the London average of 40%⁶. Tower Hamlets is the borough with the 5th highest proportion of BAME residents⁵. Such residents are more likely to undertake journeys by walking or by public transport than white Londoners but are just as likely to cycle as white Londoners. In addition, BAME Londoners are less likely to use a car than white Londoners, and of the BAME people with cars, the Asian community is more likely to drive a car than the black community²².

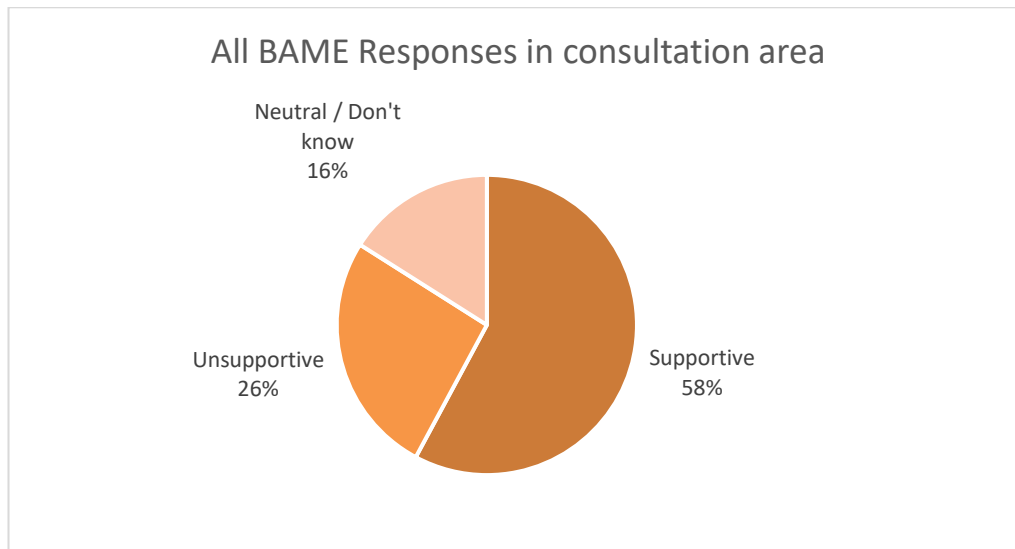
BAME Londoners, both adults and children are almost twice as likely as white Londoners to be injured on the roads in a car accident²² and reducing this statistic is a priority. BAME road users also have the highest risk of being a pedestrian casualty. White Londoners are at higher risk with being involved in a cycle collision than other groups of cyclists.

BAME Londoners account for 40% of the London population and walking is the most commonly used type of transport by this group²². The project seeks to improve walking routes in the area which would have a positive benefit for this group. Providing safe and affordable travel options to people from all demographic and socio-economic backgrounds, particularly those on lower income and without access to a car, is essential to improving equity in access to transport as well as reducing infection risk. The proposals will help, locally, address these imbalances and over representation associated with BAME groups, encouraging and supporting increased walking and cycling participation and active lifestyles, reducing road danger and exposure to poor air quality, and providing alternatives to public transport use and the associated risks.

Use of cars among BAME Londoners is lower than for white Londoners, with 32% and 43% respectively driving a car at least once a week²². The use of cars is higher amongst Asian Londoners compared to other minority ethnic groups (38% of Asian Londoners drive a car at least once a week compared to 25% of black Londoners)²². In contrast, higher proportions of white Londoners travel by bike, car, black cab, National Rail and motorbike than BAME Londoners²².

In England, there are significantly higher rates of incidence of asthma within BAME groups. In addition, when subdivided, there are even higher rates of asthma incidence in people in BAME groups born inside the UK than those born outside the UK, indicating second and third generation descendants of South Asian and Afro-Caribbean migrants suffer disproportionately from asthma²³.

A higher proportion of BAME Londoners have access to the internet (92%) compared to 87% of white Londoners²².



14% of respondents declared there were Black Asian and minority ethnic and of those respondents 58% were supportive.

Of the 26% of respondents who were unsupportive, the feedback was:

- It's a waste of money
- Local people need their cars
- The area doesn't require any changes
- Don't penalise the motorists to give cyclists the preference
- Will cause unnecessary traffic and make it difficult for commuters
- Driving through this area is essential for so many businesses

With a high proportion of BAME residents who currently make sustainable journeys, the improvements in road safety and to the public realm delivered by the Liveable Streets scheme, will improve existing conditions for these journeys, with a beneficial effect on those communities



who are more likely to make journeys on foot. The promotion and provision of cycle training will further help to increase confidence for BAME residents to switch to active travel modes.

As BAME residents are disproportionately affected by respiratory conditions like asthma, a reduction in through-traffic and improvement in air quality is likely to have a positive effect on these groups who are more likely to suffer from health inequalities.

Materials during the consultation were also created in other languages where requested and discussion sessions were held in community venues such as places of worship to obtain feedback.

We will continue to review the impacts of the proposals and further feedback will be obtained through resident panels and stakeholder engagement sessions, including schools, throughout the construction and review period.

Additionally, the programme looks to work with partners in the creation groups through existing communities such as cycle training which will likely improve health and wellbeing and may reduce individual's likelihood of being affected by certain conditions.

8. Sexual orientation

There are no identified impacts to the characteristic of this group. Engagement and information sharing on forums will continue to ensure any potential impacts are captured and mitigated.

Engagement and information sharing on forums will continue to ensure any potential impacts are captured and mitigated.

9. Pregnancy and Maternity

The vehicular access within the area will be improved by removing non-essential traffic. Those who want or need to drive within the area may be required to use alternative routes. Through discussions with emergency services, a number of locations have been identified to include emergency access, therefore services can use these 'non congested' routes to travel to destinations in the area.

There are five GPs and three nurseries within the Bow project area. The public transport network in Bow will be improved by removing non-essential traffic and therefore improving network reliability. Those who want or need to drive within the area may be required to use alternative routes.

Reducing through traffic in the area will improve localised air quality which is beneficial to pregnant woman and those on maternity/paternity leave, and also babies and small children. Pregnant women are in a higher risk category than the average person of poor air quality – academic study shows spikes in pollution have been linked to spikes in miscarriage numbers, with high NO₂ levels in particular having potential detrimental effects on unborn children²⁴. Limiting unnecessary car journeys and cutting through-traffic is likely to have a positive effect on



air quality in the area, benefitting pregnant women. Additionally, the improved infrastructure for walking will also benefit as trip hazards are removed.

A total of 112 respondents to the consultation stated they were pregnant.

It is acknowledged that journeys for those who need to use a vehicle will be longer with the added implication of additional cost and time. Some people have or choose to take journeys by motor vehicle. These journeys may be longer in time and distance, but all destinations will still be accessible by private vehicle, taxis, private hire vehicles and passenger transport services.

The proposals will still allow those who need to book a taxi or PHVs to do so, these vehicles will still be able to access their pick-up location or destination. It also means vehicles ‘plying for hire’ can do as all areas are accessible, but it does mean taxis ‘plying for hire’ will be required to enter and exit an area via the same main road and not exit onto other main roads travelling through the area. Those who need to this accessible form of transport, will have to use alternative routes, which is likely to add to distance, time and cost, depending on their location. Ongoing review of trips taken in the area, using taxicards will be undertaken.

Emergency services have a number of routes through the area either operated by ANPR or removeable bollards. These act as full closures, but also access for emergency services responding to a call. Ongoing discussions will continue to take place and any issues which arise will be addressed immediately with the emergency services to mitigate any impact to the community, health and safety.

10. Parents/Carers

Information from the council has been obtained to suggest that carers, where possible, are generally given localities to work within reducing the distance between clients and encouraging active travel. The ward profile data show the number of unpaid carers below⁵:

Area	Provides no unpaid care	Provides 1 to 19 hours unpaid care a week	Provides 20 to 49 hours unpaid care a week	Provides 50 or more hours unpaid care a week
Bow West	11,935	601	171	232
Bow West (%)	92.2%	4.6%	1.3%	1.8%
Tower Hamlets (%)	92.4%	4.3%	1.4%	1.9%
London (%)	91.6%	5.3%	1.3%	1.8%
England (%)	89.8%	6.5%	1.4%	2.4%

Area	Provides no unpaid care	Provides 1 to 19 hours unpaid care a week	Provides 20 to 49 hours unpaid care a week	Provides 50 or more hours unpaid care a week
Bow East	13,690	582	202	307
Bow East (%)	92.6%	3.9%	1.4%	2.1%
Tower Hamlets (%)	92.4%	4.3%	1.4%	1.9%
London (%)	91.6%	5.3%	1.3%	1.8%
England (%)	89.8%	6.5%	1.4%	2.4%

The National Travel Survey (2019)¹² suggests one barrier preventing children walking to school is their parents not allowing them to do so. The Bow project tackles existing road safety issues through a series of timed school streets, eliminating through traffic outside primary schools,



general traffic reduction throughout the area through a series of road closures, additional safe crossing points, and improved walking routes. A key aim of these interventions is to enhance opportunities for independent travel for school children by providing safer routes to travel actively. In turn this benefits parents who may decide that their children will be safe travelling alone.

A study suggests parents might be less likely cycle with their children due to perceived road safety risks²⁵ and as a result may opt to drive short journeys, that could otherwise be travelled actively. The measures outlined above will benefit parents who want to travel actively with their families but currently struggle to do so due to busy, congested roads and bad driver behaviour, addressing their concerns with dramatic decrease in traffic levels and reallocation of space on residential streets for cycling and walking.

Some parents have or choose to take journeys by motor vehicle. Vehicle access to every property will be maintained, but we acknowledge that with road closures and during the hours of operation of the timed closure and bus gateway comes the potential for longer alternative journeys which can include additional time and cost. If the parent, holds a blue badge or taxicard they will be able to apply for an exemption to travel through also during the hours of operation. Longer car journey times for those who are not eligible for an exemption, are deemed to be offset by an improved environment for all, including better provision and infrastructure for those who wish to walk and cycle. Those using a vehicle for the school run would need to use an alternative route, if an exemption is not applicable to them. However the proposals will provide a better environment for those parents (and their children) to walk and cycle through a safer area.

Within the area journey times are likely to reduce in time as the volume of traffic falls, with reduced build-up of traffic congestion expected. Therefore, those in the area are likely to experience less traffic build up on their street and the associated noise and air pollution. Within the E3 area there are 210 people who have assistance with health and care needs, this is not representative of those who receive care from a relative or friend who often have other day to day commitments. Therefore, these carers will be eligible to apply for an exemption if their relative or friend they support receives allowances as noted in the cabinet report (DLA, care allowance or PIP).

We also understand that some persons may not be a carer as defined in the Cabinet report, this will impact them as they will be required to take an alternative route during the hours of operation. Vehicle access to every street will be maintained, but we acknowledge that with road closures comes additional time and cost for the journey. We also understand that some persons may not be a carer as defined in the Cabinet report, this will impact them as they will be required to take an alternative route during the hours of operation. Vehicle access to every street will be maintained, but we acknowledge that with road closures comes additional time and cost for the journey. We will monitor this closely and limited officer discretion could be applied in exceptional circumstances.

Concessions have been recommended to reduce to the impact to those with carer responsibilities in this group in the form of the blue badge, taxicard and carer exemptions. Additionally, the hours of operation have been reduced despite the result of the consultation and the support for 24/7 restrictions. Therefore, the impact is also reduced as the hours of operation recommended are as follows, 6.5hours, two periods at peak times of the day for the bus gateway and 12.5 hours during the daytime for the timed closure.



11. People with different Gender Identities e.g. Gender fluid, Non-Binary etc

There are no identified impacts to the characteristic of this group. Engagement and information sharing on forums will continue to ensure any potential impacts are captured and mitigated.

Engagement and information sharing on forums will continue to ensure any potential impacts are captured and mitigated.

12. Socio-economic

At the time of the last Census, 37.9% of the working aged population within the two wards were classified as working in managerial and professional occupations, which is higher than the borough average of 36.1%⁵. Additionally, 10.3% of Bow East and West residents were classified as being long term unemployed, which is lower than the average for the borough of Tower Hamlets at 13.5%⁶. In Bow, the percentages of residents who do not have access to a car are 58% and 62% in Bow West and East respectively⁶. A reduction in through-traffic for this group will positively impact them due to lower emissions (reducing health inequalities) and increasing safety. The proposals will also encourage more walking and cycling which is a low-cost travel option for lower income households²⁶. According to a report, low-income households are often found to lack resources to own and run a private car²⁸.

Proposals to introduce timed pedestrianised zones, bus gateway and timed closure and reduce through-traffic and short journeys made by vehicular traffic will have a positive effect on the above group by reducing health inequalities, as the two most used forms of transport by those on a low income in London are walking and the bus²⁹. Londoners on lower incomes tend to make fewer weekday trips²⁹ an improvement in the walking environment hopes to make it easier for this group to make journeys.

There is an established link between poor health due to air pollution and socio-economic deprivation. Respiratory disease rates are strongly influenced by social deprivation and health inequalities – in 2012, asthma rates in the UK were 36% higher in the most deprived communities than in the least deprived²⁷. In addition, underprivileged socioeconomic groups are less likely to have access to green space, so introduction of better walking routes and pocket parks is likely to disproportionately benefit disadvantaged groups³⁰.

The approach of the programme is to reduce vehicle numbers on residential streets within the area, improve walking routes, footways and crossings throughout the area on well-known and used routes. The proposals address the existing issues and are not influenced by the economic factors of specific localised areas, although, it is noted that walking routes to and from the business area to the north could be improved and encourage residents to walk to work.

Private and social housing in the borough is located along some of the roads with high volumes of traffic, it is recognised that some traffic may disperse to the main roads where people live and there is negative impact to those people. The difference between the residential and main roads, is generally the size of the entire space. The closer a person is the carriageway and traffic the more exposed to the toxic air they are. By introducing cycle lanes, this offers cyclists more



distance from vehicles through physical barriers, prevents them from being directly behind a vehicle and exhaust. Also, for pedestrians, walking away from the carriageway and closer to the buildings often on wider footways, is also better. This is further increased where infrastructure such as Cycle Superhighway 2 is in place on Bow Road.

Furthermore, the benefits of these proposals which include, high street walking, cycling and public realm improvements can increase retail sales by up to 30%. People who walk to the high street visit more regularly and spend up to 40% more than people who drive to the high street³¹.

If every Londoner walked or cycled for 20 mins every day, this would save the NHS £1.7bn in treatment costs every year³¹.

Name of officer completing the EIA: Mehmet Mazhar and Chris Harrison

Service area: Public Realm

EIA signed off by: Dan Jones

Date signed off: 23/02/2021

Section 4 – Assessing the impacts on residents and service delivery

	Positive	Negative	Neutral	Considering the above information and evidence, describe the impact this proposal will have on the following groups?
Age (All age groups)	<p>Improved conditions for active travel:</p> <ul style="list-style-type: none"> • continuous crossings, • dropped kerbs, • raised junctions, • tactile paving, • Creation of public spaces to stop, sit, and rest, • improved conditions for cycling. <p>Improved environment:</p> <ul style="list-style-type: none"> • reduced air pollution affecting young and elderly persons (particularly those with respiratory health problems, and children who disproportionately suffer from reduced lung capacity¹³ • reduction in noise pollution • safer environment for older and younger people travelling through and around the area (reduced traffic volumes, speeds) • School streets/no motor vehicle access – ensuring safety during drop-off and pickup times and allowing children and parents (additional benefit to socially distance at school gates during the current situation). • Creation of segregated cycle lanes (good for those using this mode and also encourages cyclists to use these facilities not the footway as a result of 'fear of traffic'/in traffic dominated environments) • Creation of wider footways and removed street furniture clutter, pedestrian priority throughout the area, one of the most vulnerable road users <p>Access:</p> <ul style="list-style-type: none"> • Travelling within the area will be easier and safer for those who need to use a vehicle, reduction of traffic volumes means less conflict particularly on the narrow residential streets • All properties remain accessible • Inclusion of sufficient tactile paving with the correct slope to ensure those navigating the area can do so safely • Introduction of formalised crossings such as zebra crossings outside shops in certain locations <p>Emergency services will access routes through the area, some specific routes identified.</p> <p>Providing these routes for active travel also has the potential to address issues of obesity and well-being, improved air quality for all travelling within and around the area.</p> <p>Allowing blue badge holders within the Bow area to pass through the Roman Road bus gateway and timed closure on Coborn Road during the hours of operation reduces time to travel and potential stress when reaching carrying out activities in their day-to-day lives such as doctor's appointments.</p> <p>Allowing carers (those supporting residents of Bow, as defined in the Cabinet report), to pass through the Roman Road bus gateway and timed closure on Coborn Road during the hours</p>	<p>Persons who are not eligible for a blue badge or carer exemption will have alternative routes, which may lead to an increased in time, distance and cost when using a private or hired (taxi) vehicle to travel during the hours of operation. The greatest increase has been estimated to be 9-12 minutes for the bus gateway and Coborn Road timed closure alternative routes.</p> <p>The negatives impact relates to those who have an age-related impairment, an older person is classed as someone over 65 years old.</p> <p>This assessment recognises there are a number of old age-related conditions or diseases which will mean persons travelling through or around the area will be negatively impacted. The following list is not exclusive but considers some of the most impacted conditions or diseases:</p> <ul style="list-style-type: none"> • Mobility impairments • Visual impairments or blindness • Dementia and Alzheimer's • Arthritis or osteoarthritis • Osteoporosis • Anxiety <p>Road closures The introduction of a road closure will mean that vehicle access is reduced to specific gateway points, although all areas are still accessible by motor vehicles. This means depending on direction of travel those using a motor vehicle to access the area may have to use an alternative route. This route maybe longer in distance and time.</p> <p>With the improvements there is real alternatives being provided to the motor vehicle although there are groups in which a vehicle is essential.</p> <p>The elderly are more likely to be reliant on a motor vehicle for essential journey due to mobility issues. Those supporting or caring for an elderly relative or friend, would also be likely to be impact by the longer diversion route.</p> <p>Road layout changes This assessment recognises that there are negative impacts relating to changes to the environment which can cause confusion, anxiety, and stress to those with neurodegenerative neurodivergent conditions, poor mental, those with sensory impairments or similar conditions/diseases.</p> <p>Wayfinding will be included as part of the project as well as further engagement with the community, update communications is included throughout the project.</p> <p>Additionally, those with visual or hearing impairments may be negatively impacted by the changes. The detailed designs will include sufficient dropped kerbs, tactile paving,</p>		<p>Older People According to the NHS³³, 'Physical activity and exercise can help you stay healthy, energetic and independent as you get older. Many adults aged 65 and over spend, on average, 10 hours or more each day sitting or lying down, making them the most sedentary age group. Recent evidence suggests that regular exercise can reduce the risk of falling in older adults..' They're paying a high price for their inactivity, with higher rates of falls, obesity, heart disease and early death compared with the general population. As you get older, it becomes even more important to remain active if you want to stay healthy and maintain your independence.</p> <p>Reduced vehicle numbers, improved footways and crossings will provide positive outcomes for this group. The age at which residents are most likely to be injured as pedestrians in Tower Hamlets is 10-15 years and 80-84 years as measured in five year age bands based on 2017 population against the number of average annual casualties per 1,000 population⁷.</p> <p>All the measures noted under 'positives' will create a more pleasant environment which is less polluted, safer, and quieter for all but particularly benefit those in the most likely to be injured category.</p> <p>According to the borough profile 2018/2019, 19% of over 65year olds⁵ were in receipt of social care for physical support access and mobility or physical support personal care.</p> <p>Within the E3 area there are 210 people who have assistance with health and care needs, this is not representative of those who receive care from a relative or friend who often have other day to day commitments. Therefore, these carers will be eligible to apply for an exemption if their relative or friend they support receives allowances as noted in the cabinet report (DLA, care allowance or PIP).</p> <p>We also understand that some persons may not be a carer as defined in the Cabinet report, this will impact them are they will be required to take an alternative route during the hours of operation (the bus gateway and timed closure). Vehicle access to every property will be maintained, but we acknowledge that with road closures comes additional time and cost for the journey. We will monitor this closely and officer discretion could be applied in exceptional circumstances.</p> <p>Some older people have or choose to take journeys by motor vehicle, this will impact them are they will be required to take an alternative route during the hours of operation (the bus gateway and timed closure). Vehicle access to every property will be maintained, but we acknowledge that with road closures comes additional time and cost for the journey. The impact of longer journey times is deemed to be reduced by the improvements for independent travel provided by the proposed improvements and the expected air quality, safety, noise and wellbeing benefits to this group. Within the area journey times are likely to reduce in time as the volume of traffic falls, with reduced build-up of traffic congestion expected. Therefore, those in the area are likely to experience less traffic build up on their street and the associated noise and air pollution. It is recognised that the changes will affect different people in different ways, whilst a short walk for one person may be manageable is may not be for another.</p> <p>Additionally, community transport services such as Dial-a-Ride will continue to be able to access properties within the area, however they will be required to take alternative routes, as will PHVs, Taxis and private vehicles. Where it is currently difficult for some to access public transport services because of poor accessibility provisions, including dropped kerbs and wide footways within the Bow area, the</p>



	Positive	Negative	Neutral	Considering the above information and evidence, describe the impact this proposal will have on the following groups?
	<p>of operation, reduces time to travel and potential stress when reaching those persons during their day-to-day lives.</p> <p>Those persons using services such as dial-a-ride or school buses will not be impacted, as these buses will be exempt from the bus gateway and timed closure.</p> <p>Emergency services will have a reduced traffic route through the area north-south and east-west during the hours of operation.</p>	<p>contract of materials and clearly defined spaces for pedestrians, cycles and vehicles.</p> <p>Those with hearing impairments may be disorientated by the changes where noise is reduced or increased on different roads.</p> <p>Elderly people or those supporting or caring for an elderly relative or friend, young persons who require a vehicle to travel will have alternative routes, which will take more time to reach their destination, increase their journey distance and overall journey cost when using a private or hired (taxi) vehicle to travel.</p> <p>Sections which are pedestrianised or have no motor vehicle access will mean longer travel distances to their vehicle or destination, this may be more demanding or difficult for those with mobility impairments. Access to all properties.</p> <p>This will impose a particular disadvantage on those who need to use a vehicle.</p> <p>Carers using a taxi or private hire vehicle will not be able to use the bus gateway or timed closure during the hours of operation.</p> <p>There is an annual charge for the exemption scheme to cover administration costs, which is £20, this may change during the review of the scheme as the charge is reflective of the administration cost.</p>		<p>walking route and lighting improvements are likely to reduce barriers to these modes and may result in persons feeling they are able to travel more.</p> <p>Younger People and Children Younger people will significantly benefit from the measures introduced, which will provide cleaner air, more opportunities for independent travel and safer streets near schools, and therefore the impact is positive. According to the borough profile, Tower Hamlets has equal fifth youngest median age in the country (31.6), with 79,625 people aged 0-19⁵.</p> <p>Reduced vehicle numbers, improved footways and crossings will provide positive outcomes for this group. All the above measures create a more pleasant environment which is less polluted, safer, and quieter for younger people and children. "School Streets" will also give a benefit to pupils in terms of safety and better air quality at school.</p> <p>The consultation did not collect data from those younger than 16, 3 respondents stated they were 16-24 years old. However, feedback will be collected through road safety workshops, cycle training, walkabouts, hands-up travel surveys, in partnership with the healthy schools survey run by of Public Health.</p> <p>Movement in the Area There is none to minimal impact to the public transport network, particularly during the hours of operation within the Bow area, the accessibility routes to the transport hubs and some bus stops will be also improved.</p> <p>Tower Hamlets is within the bottom five local authorities in the country for blue badges held as a proportion of the population (1.7% of the population), according to DfT data 2020³². This is a 0.1% increase on the following year, likely due to the change to the criteria allowing a number of 'hidden disabilities'. There are 710 blue badge holders in the Bow area and 289 taxicard users. It should be noted a number of persons hold, both a blue badge and taxicard.</p> <p>Concessions have been recommended to reduce to the impact to those with mobility issues in this group in the form of the blue badge, taxicard and carer exemptions. Additionally, the hours of operation have been reduced despite the result of the consultation and the support for 24/7 restrictions. Therefore, the impact is also reduced as the hours of operation recommended are as follows, 6.5hours, two periods at peak times of the day for the bus gateway and 12.5 hours during the daytime for the timed closure.</p> <p>There is an impact to those who won't be eligible for the above exemptions, however the impact is reduced because of the improved accessibility and environment of the area and reduced hours of operation, but the impacts will be monitored and continued engagement with these groups will take place. Access through the area is permitted for those not eligible for exemptions outside the hours of operation.</p> <p>It has been recognised to allow taxi's and PHVs carrying a taxicard holder to use the bus gateway and timed closure. By allowing all taxis and PHVs to pass through the bus gateway and timed closure at all times, it would reduce the benefits of the scheme for all other groups and negativity impact some of the most vulnerable road users, those who walk and cycle. This is because it would increase the number of vehicles during the hours of operation. The impact has been reduced and those using taxis or PHVs as an accessible form of transport can continue to do so during and outside of the hours of operation.</p> <p>There is a charge for the exemption scheme to cover administration costs, this may change during the review of the scheme as the cost is reflective of the</p>

	Positive	Negative	Neutral	Considering the above information and evidence, describe the impact this proposal will have on the following groups?
				<p>administration cost. It should be noted that application for the exemption scheme is optional, it is up to the individual to apply for an exemption at their discretion. During construction, ramps and sufficient footways widths are included in the traffic management plan.</p> <p>The scheme will be installed under an experimental, temporary basis for 6-18 months. During this time, the delivery team will continue to monitor the impact of scheme through a robust, ongoing quantitative and qualitative monitoring and assessment process. This will allow issues, including a potential adverse impact on protected characteristics groups, to be identified and additional mitigation measures considered. Additional targeted engagement with protected groups will also be considered.</p> <p>The team are continuing to engage with stakeholders, in order continue to inform the understanding and assessment of any potential disproportionate or differential impacts on groups with protected characteristics. This will include meetings with stakeholders, and this feedback will be used to inform further opportunities for mitigation. This will include a walkabout with local groups, (once government guidance allows), to further engage and make amendments to the scheme where required.</p>
<p>Disability (Physical, learning difficulties, mental health and medical conditions)</p>	<p>Improved conditions for active travel:</p> <ul style="list-style-type: none"> • continuous crossings, • dropped kerbs, • raised junctions, • tactile paving, • Creation of public spaces to stop, sit, and rest, • improved conditions for cycling. <p>Improved environment:</p> <ul style="list-style-type: none"> • reduced air pollution affecting those with other medical conditions • reduction in noise pollution • safer environment for older and younger people travelling through and around the area (reduced traffic volumes, speeds) • School streets/no motor vehicle access – ensuring safety during drop-off and pickup times and allowing children and parents (additional benefit to socially distance at school gates during the current situation). • Creation of segregated cycle lanes (good for those using this mode and also encourages cyclists to use these facilities not the footway as a result of 'fear of traffic'/in traffic dominated environments) • Creation of wider footways and removed street furniture clutter, pedestrian priority throughout the area, one of the most vulnerable road users <p>Access:</p> <ul style="list-style-type: none"> • Travelling within the area will be easier and safer for those who need to use a vehicle, reduction of traffic volumes means less conflict particularly on the narrow residential streets • All properties remain accessible • Inclusion of sufficient tactile paving with the correct slope to ensure those navigating the area can do so safely • Introduction of formalised crossings such as zebra crossings outside shops in certain locations 	<p>Persons who are not eligible for a blue badge or carer exemption will have alternative routes, which may lead to an increased in time, distance and cost when using a private or hired (taxi) vehicle to travel. during the hours of operation. The greatest increase has been estimated to be 9-12 minutes for the bus gateway and Coborn Road timed closure alternative routes.</p> <p>There is an annual charge for the exemption scheme to cover administration costs, which is £20, this may change during the review of the scheme as the charge is reflective of the administration cost.</p> <p>People with a disability or those supporting or caring for a relative or friend with a disability, who require a vehicle to travel will have alternative routes, which will take more time to reach their destination, increase their journey distance and overall journey cost when using a private or hired (taxi) vehicle to travel.</p> <p>Sections which are pedestrianised or have no motor vehicle access will mean longer travel distances to their vehicle or destination, this may be more demanding or difficult for those with mobility impairments.</p> <p>This will impose a particular disadvantage on those who need to use a vehicle.</p>		<p>Studies show that disabled people experience worse effects of road danger, noise and air pollution²⁶, the proposals look to address this, by improving the environment through the reduction of through traffic, improved crossing facilities and better accessibility which will provide a more pleasant environment for this group.</p> <p>A study based on the National Travel Survey showed that nationally, for every mile walked, a disabled people are five times more likely to be injured than non-disabled people³⁴. 81% of disabled Londoners walk at least weekly and improvements accessibility for those with reduced mobility will give greater freedoms to those getting around on foot/wheeling.</p> <p>The proposals will improve footways and pedestrian priority provision, and continuous footways in retail areas will provide significant accessibility gains for all users but particularly disabled users. Improved walking and cycling routes, street lighting and improved public spaces will deliver accessibility advantages to people from this group using sustainable modes.</p> <p>Some disabled people have or choose to take journeys by motor vehicle. Vehicle access to every property will be maintained, but we acknowledge that with road closures and during the hours of operation of the timed closure and bus gateway comes the potential for longer alternative journeys which can include additional time and cost.</p> <p>Concessions have been recommended to reduce to the impact to those with mobility issues in this group in the form of the blue badge, taxicard and carer exemptions. There are 710 blue badge holders and 289 taxicard holders in the Bow area who will be less impacted as will be able to travel through the timed closures and bus gateway during the hours of operation.</p> <p>There is a charge for the exemption scheme to cover administration costs, this may change during the review of the scheme. It should be noted that application for the exemption scheme is optional, it is up to the individual to apply for an exemption at their discretion.</p> <p>Additionally, the hours of operation have been reduced despite the result of the consultation and the support for 24/7 restrictions. Therefore, the impact is also reduced as the hours of operation recommended are as follows, 6.5hours, two</p>

	Positive	Negative	Neutral	Considering the above information and evidence, describe the impact this proposal will have on the following groups?
	<p>Emergency services will access routes through the area, some specific routes identified.</p> <p>Providing these routes for active travel also has the potential to address issues of obesity and well-being, improved air quality for all travelling within and around the area.</p> <p>Research and guidance produced by the disabled cycling charity “Wheels for Wellbeing”²⁰ has shown that promoting and encouraging cycling amongst people with certain disabilities can have a significant number of benefits including:</p> <ul style="list-style-type: none"> • Increased physical fitness and strength • Stabilised blood sugar levels • Helps older people to stay active in life for longer (especially with the use of e-cycles) • Delays onset of many conditions and reduces reliance on NHS and social care services • With Disabled people more likely to be physically inactive and socially isolated than non-disabled people, and older people, the range of benefits that cycling has to offer is significant. <p>With Disabled people more likely to be physically inactive and socially isolated than non-disabled people, and older people, the range of benefits that cycling has to offer is significant.</p> <p>Road will provide significant accessibility gains for all users but particularly disabled users. Reduced vehicle volumes will also make it easier and safer to cross roads. The reduction in noise and air pollution will also create a better environment for disabled people and carers.</p> <p>Allowing blue badge holders within the Bow area to pass through the Roman Road bus gateway and timed closure on Coborn Road during the hours of operation reduces time to travel and potential stress when reaching carrying out activities in their day-to-day lives such as doctor’s appointments.</p> <p>Allowing carers (those supporting residents of Bow, as defined in the Cabinet report), to pass through the Roman Road bus gateway and timed closure on Coborn Road during the hours of operation, reduces time to travel and potential stress when reaching those persons during their day-to-day lives.</p> <p>Those persons using services such as dial-a-ride or school buses will not be impacted, as these buses will be exempt from the bus gateway and timed closure.</p> <p>Emergency services will be exempt from the bus gateway and timed closures.</p>			<p>periods at peak times of the day for the bus gateway and 12.5 hours during the daytime for the timed closure.</p> <p>The impact of longer journey times is deemed to be reduced by the improvements for independent travel provided by the proposed improvements and the expected air quality, safety, noise and wellbeing benefits to this group. Within the area journey times are likely to reduce in time as the volume of traffic falls, with reduced build-up of traffic congestion expected. Therefore, those in the area are likely to experience less traffic build up on their street and the associated noise and air pollution. It is recognised that the changes will affect different people in different ways, whilst a short walk for one person may be manageable is may not be for another.</p> <p>There is none to minimal impact to the public transport network, particularly during the hours of operation within the Bow area, the accessibility routes to the transport hubs and some bus stops will be also improved.</p> <p>It has been recognised to allow taxi’s and PHVs carrying a taxicard holder to use the bus gateway and timed closure. By allowing all taxis and PHVs to pass through the bus gateway and timed closure at all times, it would reduce the benefits of the scheme for all other groups and negativity impact some of the most vulnerable road users, those who walk and cycle. This is because it would increase the number of vehicles during the hours of operation. The impact has been reduced and those using taxis or PHVs as an accessible form of transport can continue to do so during and outside of the hours of operation.</p> <p>Additionally, community transport services such as Dial-a-Ride will continue to be able to access properties within the area and will be able to use the bus gateway during the hours of operation.</p> <p>We also understand that some persons may not be a carer as defined in the Cabinet report, this will impact them as they will be required to take an alternative route during the hours of operation. Vehicle access to every street will be maintained, but we acknowledge that with road closures comes additional time and cost for the journey. We will monitor this closely and officer discretion could be applied in exceptional circumstances.</p> <p>There is an impact to those who won’t be eligible for the above exemptions, however the impact is reduced because of the improved accessibility and environment of the area and reduced hours of operation, but the impacts will be monitored and continued engagement with these groups will take place.</p> <p>Overall, measures will bring benefits for people who experience disability. Improvements to street and footway infrastructure will make it far easier for those who can travel actively, and access public transport/buses. The consultation results shows that the proposals are supported by a majority of those who declared they have a disability however it is recognised that some disabled residents cannot travel actively, and therefore require a vehicle in order to travel. Through the mitigation measure of exemptions and limited hours of operation this impact has been reduced. There is an impact to those who won’t be eligible for the above exemptions, however the impact is reduced because of the improved accessibility and environment of the area and reduced hours of operation, but the impacts will be monitored and continued engagement with these groups will take place.</p> <p>The scheme will be installed under an experimental, temporary basis for 6-18 months. During this time, the delivery team will continue to monitor the impact of scheme through a robust, ongoing quantitative and qualitative monitoring and assessment process. This will allow issues, including a potential adverse impact on protected characteristics groups, to be identified and additional mitigation</p>

	Positive	Negative	Neutral	Considering the above information and evidence, describe the impact this proposal will have on the following groups?
				<p>measures considered. Additional targeted engagement with protected groups will also be considered. This will include a walkabout with local groups, (once government guidance allows), to further engage and make amendments to the scheme where required.</p> <p>During construction, ramps and sufficient footways widths are included in the traffic management plan.</p>
<p>Sex</p>	<p>Improved environment:</p> <ul style="list-style-type: none"> reduced air pollution affecting those with other medical conditions reduction in noise pollution safer environment for older and younger people travelling through and around the area (reduced traffic volumes, speeds) School streets/no motor vehicle access – ensuring safety during drop-off and pickup times and allowing children and parents (additional benefit to socially distance at school gates during the current situation). Creation of segregated cycle lanes (good for those using this mode and also encourages cyclists to use these facilities not the footway as a result of ‘fear of traffic’/in traffic dominated environments) Creation of wider footways and removed street furniture clutter, pedestrian priority throughout the area, one of the most vulnerable road users <p>Access:</p> <ul style="list-style-type: none"> Travelling within the area will be easier and safer for those who need to use a vehicle, reduction of traffic volumes means less conflict particularly on the narrow residential streets All properties remain accessible Inclusion of sufficient tactile paving with the correct slope to ensure those navigating the area can do so safely Introduction of formalised crossings such as zebra crossings outside shops in certain locations <p>Proposals are likely to work to improve the gender imbalance of women not cycling.</p> <p>The programme also includes work with women’s groups to support cycle training.</p>	<p>Persons who wish to use a vehicle to travel by motor vehicle will have alternative routes, which may lead to an increased in time, distance and cost when using a private or hired (taxi/PHV) vehicle to travel. during the hours of operation.</p> <p>There is an annual charge for the exemption scheme to cover administration costs, which is £20, this may change during the review of the scheme as the charge is reflective of the administration cost.</p> <p>There are perceived concerns relating the removal of traffic and reduced ‘passive surveillance’.</p>		<p>Women are more likely to be carers, those who care or support a person who resides in the Bow area and holds a blue badge or are in receipt of care (receive the following: care allowance, DLA, PIP) will be eligible to apply for an exemption to continue to support their friend/relative and travel through the bus gateway and timed closure during the hours of operation (6.5 hours during peak times and 13 hours during the day respectively). The impact has further been reduced by reducing the hours of operation from the 24/7 supported proposal during the consultation.</p> <p>The Met Police, Safer Neighbourhood Team and community safety team have been involved in this project. Discussions and involvement will continue should any concerns be raised during of following construction.</p> <p>Fewer women than men cycle, and women tend to be less confident cycling on the road²¹. National research shows that road safety issues are the main concern and barrier in relation to cycling uptake amongst women, and that reducing traffic volumes and providing protected space for cycling are two of the key ways in which actual and perceived safety can be improved, allowing a greater uptake amongst women.</p> <p>According to the Tower Hamlets Annual Residents Survey, 2018¹⁰, women are less likely to cycle in London due to road safety concerns, the safer cycle routes are likely to positively benefit women for this purpose. Similarly, this is reflected across all adults in London, the NTS showed that the barrier to cycling it predominately due to safety concerns on the road. These proposals will help balance and importantly provide the safe environment and opportunity for women to cycle.</p> <p>Additionally, further London-based TfL research²¹ has shown that cyclists in London are more likely to be male, indicating that females experience or perceive greater barriers to cycling, or lack interest and propensity to cycle.</p> <p>As with national level research²¹, TfL’s work has shown women have greater concerns for road safety than men when deciding to cycle and are consequently more likely to be discouraged from taking up cycling by perceptions of poor safety. Improvements to cycling infrastructure to enhance the safety and usability of the network will therefore positively impacts both males and females, although is likely to benefit females the most.</p> <p>The scheme will therefore enhance gender equality by widening and enhancing the availability of safe and appropriate transport options.</p> <p>There are perceived concerns relating the removal of traffic and reduced ‘passive surveillance’. At the time of writing data is not available to corroborate this, however this will be monitored as it has been raised through engagement with the community.</p> <p>The complementary measures as part of the scheme, will help reduce the barriers to cycling for all adults, but particular bridging for women who are underrepresented in the cycling community.</p> <p>The team are continuing to engage with stakeholders, in order continue to inform the understanding and assessment of any potential disproportionate or differential</p>

	Positive	Negative	Neutral	Considering the above information and evidence, describe the impact this proposal will have on the following groups?
				impacts on groups with protected characteristics. This will include meetings with stakeholders, and this feedback will be used to inform further opportunities for mitigation.
Gender reassignment	<p>Though not direct to the characteristic:</p> <p>Improved environment:</p> <ul style="list-style-type: none"> reduced air pollution affecting those with other medical conditions reduction in noise pollution safer environment for older and younger people travelling through and around the area (reduced traffic volumes, speeds) School streets/no motor vehicle access – ensuring safety during drop-off and pickup times and allowing children and parents (additional benefit to socially distance at school gates during the current situation). Creation of segregated cycle lanes (good for those using this mode and also encourages cyclists to use these facilities not the footway as a result of 'fear of traffic'/in traffic dominated environments) Creation of wider footways and removed street furniture clutter, pedestrian priority throughout the area, one of the most vulnerable road users <p>Access:</p> <ul style="list-style-type: none"> Travelling within the area will be easier and safer for those who need to use a vehicle, reduction of traffic volumes means less conflict particularly on the narrow residential streets All properties remain accessible Inclusion of sufficient tactile paving with the correct slope to ensure those navigating the area can do so safely Introduction of formalised crossings such as zebra crossings outside shops in certain locations <p>All properties are accessible for marriage or civil partnerships to take place.</p>			<p>The positive benefits are for all persons which is why they have been included.</p> <p>The proposals are not considered to have any particular impact on this group as scheme negatives do not disproportionately impact the group based on their protected characteristic therefore the impact is neutral.</p> <p>The team are continuing to engage with stakeholders, in order continue to inform the understanding and assessment of any potential disproportionate or differential impacts on groups with protected characteristics. This will include meetings with stakeholders, and this feedback will be used to inform further opportunities for mitigation.</p>
Marriage and civil partnership	<p>Though not direct to the characteristic:</p> <p>Improved environment:</p> <ul style="list-style-type: none"> reduced air pollution affecting those with other medical conditions reduction in noise pollution safer environment for older and younger people travelling through and around the area (reduced traffic volumes, speeds) School streets/no motor vehicle access – ensuring safety during drop-off and pickup times and allowing children and parents (additional benefit to socially distance at school gates during the current situation). Creation of segregated cycle lanes (good for those using this mode and also encourages cyclists to use these facilities not the footway as a result of 'fear of traffic'/in traffic dominated environments) 			<p>The positive benefits are for all persons which is why they have been included.</p> <p>The proposals are not considered to have any particular impact on this group as scheme negatives do not disproportionately impact the group based on their protected characteristic therefore the impact is neutral.</p> <p>The team are continuing to engage with stakeholders, in order continue to inform the understanding and assessment of any potential disproportionate or differential impacts on groups with protected characteristics. This will include meetings with stakeholders, and this feedback will be used to inform further opportunities for mitigation.</p>

	Positive	Negative	Neutral	Considering the above information and evidence, describe the impact this proposal will have on the following groups?
	<ul style="list-style-type: none"> Creation of wider footways and removed street furniture clutter, pedestrian priority throughout the area, one of the most vulnerable road users <p>Access:</p> <ul style="list-style-type: none"> Travelling within the area will be easier and safer for those who need to use a vehicle, reduction of traffic volumes means less conflict particularly on the narrow residential streets All properties remain accessible Inclusion of sufficient tactile paving with the correct slope to ensure those navigating the area can do so safely Introduction of formalised crossings such as zebra crossings outside shops in certain locations <p>All properties are accessible for marriage or civil partnerships to take place.</p>			
Religion or philosophical belief	<p>Improved environment:</p> <ul style="list-style-type: none"> reduced air pollution affecting those with other medical conditions reduction in noise pollution safer environment for older and younger people travelling through and around the area (reduced traffic volumes, speeds) School streets/no motor vehicle access – ensuring safety during drop-off and pickup times and allowing children and parents (additional benefit to socially distance at school gates during the current situation). Creation of segregated cycle lanes (good for those using this mode and also encourages cyclists to use these facilities not the footway as a result of 'fear of traffic'/in traffic dominated environments) Creation of wider footways and removed street furniture clutter, pedestrian priority throughout the area, one of the most vulnerable road users <p>Access:</p> <ul style="list-style-type: none"> Travelling within the area will be easier and safer for those who need to use a vehicle, reduction of traffic volumes means less conflict particularly on the narrow residential streets All properties remain accessible Inclusion of sufficient tactile paving with the correct slope to ensure those navigating the area can do so safely Introduction of formalised crossings such as zebra crossings outside shops in certain locations <p>All religious or philosophical belief properties are accessible.</p> <p>The programme also includes work with groups such as faith groups to support cycle training, further providing alternative modes of travel for groups to access places of worship. Additionally, all places of worship remain accessible by motor vehicle.</p>	<p>Persons who wish to use a motor vehicle to travel will have alternative routes, which may lead to an increased in time, distance and cost when using a private or hired (taxi/PHV) vehicle to travel. during the hours of operation.</p> <p>There is an annual charge for the exemption scheme to cover administration costs, which is £20, this may change during the review of the scheme as the charge is reflective of the administration cost.</p>		<p>Access to all places of worship are maintained as a part of these proposals however journeys by motor vehicle may increase in distance and time during the hours of operation. Improved walking and cycling routes and access to public transport will be improved by the proposed works this providing safety and access improvements to these users.</p> <p>The scheme does not challenge or oppose any beliefs or values, or discourage continuing practise. All religious or belief properties are still accessible by motor vehicle. The improvement of accessibility and infrastructure means those travelling have the choice of safer routes, improved air quality and overall health benefits associated.</p> <p>On Sundays, neither the bus gateway nor the timed closure will be in operation this reducing the impact. Similarly, the impact is reduced for Fridays when the bus gateway is open between 9.30am and 3.30pm. This would be an increase in journey distance, time and cost and therefore would be a disbenefit.</p> <p>The programme seeks to work with faith groups to encourage active travel to places of worship.</p> <p>The improvement accessibility and infrastructure mean those travelling have the choice of safer routes, improved air quality and overall health benefits associated.</p> <p>The team are continuing to engage with stakeholders, in order continue to inform the understanding and assessment of any potential disproportionate or differential impacts on groups with protected characteristics. This will include meetings with stakeholders, and this feedback will be used to inform further opportunities for mitigation.</p>

	Positive	Negative	Neutral	Considering the above information and evidence, describe the impact this proposal will have on the following groups?
Race	<p>Improved environment:</p> <ul style="list-style-type: none"> reduced air pollution affecting those with other medical conditions reduction in noise pollution safer environment for older and younger people travelling through and around the area (reduced traffic volumes, speeds) School streets/no motor vehicle access – ensuring safety during drop-off and pickup times and allowing children and parents (additional benefit to socially distance at school gates during the current situation). Creation of segregated cycle lanes (good for those using this mode and also encourages cyclists to use these facilities not the footway as a result of 'fear of traffic'/in traffic dominated environments) Creation of wider footways and removed street furniture clutter, pedestrian priority throughout the area, one of the most vulnerable road users <p>Access:</p> <ul style="list-style-type: none"> Travelling within the area will be easier and safer for those who need to use a vehicle, reduction of traffic volumes means less conflict particularly on the narrow residential streets All properties remain accessible Inclusion of sufficient tactile paving with the correct slope to ensure those navigating the area can do so safely Introduction of formalised crossings such as zebra crossings outside shops in certain locations <p>Those from BAME backgrounds are more likely to suffer with respiratory illnesses as a product of poor air quality and pollution levels. A reduction in pollution through reduction in vehicular traffic is also considered to have a positive impact for this group.</p> <p>THARS, 2018 study shows that white residents were more likely than Bangladeshi residents to cycle (26% vs. 11%). Safer infrastructure is likely to encourage this group alongside, the programme providing cycle training and safer routes.</p>	<p>Persons who wish to use a motor vehicle to travel will have alternative routes, which may lead to an increased in time, distance and cost when using a private or hired (taxi/PHV) vehicle to travel. during the hours of operation.</p> <p>There is an annual charge for the exemption scheme to cover administration costs, which is £20, this may change during the review of the scheme as the charge is reflective of the administration cost.</p> <p>Language could be a barrier with information materials, including cycling promotion and notification of events. Materials are translated on request and information is published in other channels such as Bengali newsletters or engaging through community groups.</p>		<p>BAME Londoners are more at risk of being killed or seriously injured in or by cars²². Some minority ethnic groups experience worse effects of road danger, noise and air pollution²², the proposals look to address this, by improving the environment through the reduction of through traffic, improved crossing facilities and better accessibility which will provide a more pleasant environment for this group.</p> <p>Car ownership is generally lower amongst BAME groups, with greater reliance on other travel modes, including a high share of public transport trips.</p> <p>Providing safe and affordable travel options to people from all demographic and socio-economic backgrounds, particularly those on lower income and without access to a car, is essential to improving equity in access to transport as well as reducing infection risk. The proposals will help, locally, address these imbalances and over representation associated with BAME groups, encouraging and supporting increased walking and cycling participation and active lifestyles, reducing road danger and exposure to poor air quality, and providing alternatives to public transport use and the associated risks.</p> <p>Those from BAME backgrounds are more likely to suffer with respiratory illnesses as a product of poor air quality and pollution levels. A reduction in pollution through removal of traffic is also considered to have a positive impact for this group.</p> <p>BAME groups are disproportionately more likely to be living in poverty and in overcrowded homes. BAME groups are over-represented in indices of deprivation and more likely to be exposed to transport related harmful impacts, such as traffic collisions and poor air quality and health inequalities related to inactive lifestyles. The consultation results shows that the proposals are supported by a majority of those who declared they are BAME, however engagement with those in the area and stakeholders will continue and feedback will be collated and analysed to ensure if any unforeseen adverse effects occur, further mitigation will take place through amendments to the scheme.</p> <p>The scheme will be installed under an experimental, temporary basis for 6-18 months. During this time the delivery team will continue to monitor the impact of scheme through a robust, ongoing quantitative and qualitative monitoring and assessment process. This will allow issues, including a potential adverse impact on protected characteristics groups, to be identified and additional mitigation measures considered. Additional targeted engagement with protected groups will also be considered.</p>
Sexual orientation	<p>Though not direct to the characteristic:</p> <p>Improved environment:</p> <ul style="list-style-type: none"> reduced air pollution affecting those with other medical conditions reduction in noise pollution safer environment for older and younger people travelling through and around the area (reduced traffic volumes, speeds) School streets/no motor vehicle access – ensuring safety during drop-off and pickup times and allowing children and parents (additional benefit to socially distance at school gates during the current situation). Creation of segregated cycle lanes (good for those using this mode and also encourages cyclists to use these facilities not the footway as a result of 'fear of traffic'/in traffic dominated environments) 			<p>The positive benefits are for all persons which is why they have been included.</p> <p>The proposals are not considered to have any particular impact on this group as scheme negatives do not disproportionately impact the group based on their protected characteristic therefore the impact is neutral.</p> <p>The team are continuing to engage with stakeholders, in order continue to inform the understanding and assessment of any potential disproportionate or differential impacts on groups with protected characteristics. This will include meetings with stakeholders, and this feedback will be used to inform further opportunities for mitigation.</p>

	Positive	Negative	Neutral	Considering the above information and evidence, describe the impact this proposal will have on the following groups?
	<ul style="list-style-type: none"> Creation of wider footways and removed street furniture clutter, pedestrian priority throughout the area, one of the most vulnerable road users <p>Access:</p> <ul style="list-style-type: none"> Travelling within the area will be easier and safer for those who need to use a vehicle, reduction of traffic volumes means less conflict particularly on the narrow residential streets All properties remain accessible Inclusion of sufficient tactile paving with the correct slope to ensure those navigating the area can do so safely Introduction of formalised crossings such as zebra crossings outside shops in certain locations 			
Pregnancy and maternity	<p>Improved environment:</p> <ul style="list-style-type: none"> reduced air pollution affecting those with other medical conditions reduction in noise pollution safer environment for older and younger people travelling through and around the area (reduced traffic volumes, speeds) School streets/no motor vehicle access – ensuring safety during drop-off and pickup times and allowing children and parents (additional benefit to socially distance at school gates during the current situation). Creation of segregated cycle lanes (good for those using this mode and also encourages cyclists to use these facilities not the footway as a result of 'fear of traffic'/in traffic dominated environments) Creation of wider footways and removed street furniture clutter, pedestrian priority throughout the area, one of the most vulnerable road users <p>Access:</p> <ul style="list-style-type: none"> Travelling within the area will be easier and safer for those who need to use a vehicle, reduction of traffic volumes means less conflict particularly on the narrow residential streets All properties remain accessible Inclusion of sufficient tactile paving with the correct slope to ensure those navigating the area can do so safely Introduction of formalised crossings such as zebra crossings outside shops in certain locations <p>Reduced risk of miscarriage due to the reduced air pollution, better provision for walking and cycling through the area while pregnant or with babies. This is also the case for paternity.</p>	<p>Those attending maternity appointments and wish to travel by motor vehicle will be required to take alternative, during the hours of operation, which may lead to an increased in time, distance and cost when using a private or hired (taxi/PHV) vehicle to travel, during the hours of operation.</p> <p>There is an annual charge for the exemption scheme to cover administration costs, which is £20, this may change during the review of the scheme as the charge is reflective of the administration cost.</p>		<p>The proposals are likely to have a positive impact on pregnant women by improved air quality and safer environment to walk with reduced traffic volumes. A better walking environment will benefit mothers and fathers of young children who may need to use a push chair.</p> <p>The proposals will improve accessibility for persons within this group. even footways and better crossings will improve safety as well as the reduced traffic impact. The proposals are likely to have a positive impact on pregnant women through improved air quality and a safer environment to walk with reduced traffic. A better walking environment will benefit mothers and fathers of young children who may need to use a push chair. Furthermore, improving air quality will reduce the chance of miscarriage in association with air pollution.</p> <p>Longer journeys by motor vehicles for those who are not eligible under the carer definition, are deemed to be offset by an improved environment for all, including better provision and infrastructure for those who wish to walk and cycle. The impact has further been reduced by reducing the hours of operation from that which was supported during the consultation. This means that appointments can be made outside of hours of operation and the improved environment will be better for those travelling sustainably.</p> <p>Overall, the scheme will positively benefit pregnant mothers and those on maternity/paternity.</p> <p>The team are continuing to engage with stakeholders, in order continue to inform the understanding and assessment of any potential disproportionate or differential impacts on groups with protected characteristics. This will include meetings with stakeholders, and this feedback will be used to inform further opportunities for mitigation.</p>

Other				
Socio-economic	<p>Improved environment:</p> <ul style="list-style-type: none"> reduced air pollution affecting those with other medical conditions reduction in noise pollution 	<p>Persons who wish to use a motor vehicle to travel will have alternative routes, which may lead to an increased in time, distance and cost when using a private or hired (taxi/PHV) vehicle to travel. during the hours of operation.</p>		<p>The proposals are likely to have a positive impact on those from socio-economic groups due to improved air quality and the creation of pleasant public spaces free of vehicular congestion.</p>

	<ul style="list-style-type: none"> safer environment for older and younger people travelling through and around the area (reduced traffic volumes, speeds) School streets/no motor vehicle access – ensuring safety during drop-off and pickup times and allowing children and parents (additional benefit to socially distance at school gates during the current situation). Creation of segregated cycle lanes (good for those using this mode and also encourages cyclists to use these facilities not the footway as a result of ‘fear of traffic’/in traffic dominated environments) Creation of wider footways and removed street furniture clutter, pedestrian priority throughout the area, one of the most vulnerable road users <p>Access:</p> <ul style="list-style-type: none"> Travelling within the area will be easier and safer for those who need to use a vehicle, reduction of traffic volumes means less conflict particularly on the narrow residential streets All properties remain accessible Inclusion of sufficient tactile paving with the correct slope to ensure those navigating the area can do so safely Introduction of formalised crossings such as zebra crossings outside shops in certain locations <p>Significant improvements to those who are disproportionately impacted by poor air quality and more likely to be injured by a motor vehicle.</p>	<p>There is an annual charge for the exemption scheme to cover administration costs, which is £20, this may change during the review of the scheme as the charge is reflective of the administration cost.</p>		<p>Longer journeys by motor vehicles for those who are not eligible under the carer definition, are deemed to be offset by an improved environment for all, including better provision and infrastructure for those who wish to walk and cycle. The impact has further been reduced by reducing the hours of operation from that which was supported during the consultation.</p> <p>It is acknowledged that the increase in cost for those who wish to drive a motor vehicle during the hours of operation as they will need to take alternative routes.</p> <p>A study based on the National Travel Survey showed that nationally, for every mile walked, a low-income pedestrian is three times more likely to be injured by a motor vehicle than someone from a high-income household.</p> <p>The further impact is the cost of the exemption application/renewal, there is a charge for the exemption scheme to cover administration costs, this may change during the review of the scheme. It should be noted that application for the exemption scheme is optional, it is up to the individual to apply for an exemption at their discretion.</p> <p>The team are continuing to engage with stakeholders, in order continue to inform the understanding and assessment of any potential disproportionate or differential impacts on groups with protected characteristics. This will include meetings with stakeholders, and this feedback will be used to inform further opportunities for mitigation.</p>
<p>Parents/ Carers</p>	<p>Improved environment:</p> <ul style="list-style-type: none"> reduced air pollution affecting those with other medical conditions reduction in noise pollution safer environment for older and younger people travelling through and around the area (reduced traffic volumes, speeds) School streets/no motor vehicle access – ensuring safety during drop-off and pickup times and allowing children and parents (additional benefit to socially distance at school gates during the current situation). Creation of segregated cycle lanes (good for those using this mode and also encourages cyclists to use these facilities not the footway as a result of ‘fear of traffic’/in traffic dominated environments) Creation of wider footways and removed street furniture clutter, pedestrian priority throughout the area, one of the most vulnerable road users <p>Access:</p> <ul style="list-style-type: none"> Travelling within the area will be easier and safer for those who need to use a vehicle, reduction of traffic volumes means less conflict particularly on the narrow residential streets All properties remain accessible Inclusion of sufficient tactile paving with the correct slope to ensure those navigating the area can do so safely Introduction of formalised crossings such as zebra crossings outside shops in certain locations 	<p>Parents who wish to use a motor vehicle to travel will have alternative routes, which may lead to an increased in time, distance and cost when using a private or hired (taxi/PHV) vehicle to travel. during the hours of operation.</p> <p>There is an annual charge for the exemption scheme to cover administration costs, which is £20, this may change during the review of the scheme as the charge is reflective of the administration cost.</p>		<p>Some parents have or choose to take journeys by motor vehicle. Vehicle access to every property will be maintained, but we acknowledge that with road closures and during the hours of operation of the timed closure and bus gateway comes the potential for longer alternative journeys which can include additional time and cost. If the parent, holds a blue badge or taxicard they will be able to apply for an exemption to travel through also during the hours of operation.</p> <p>Longer car journey times for those who are not eligible for an exemption, are deemed to be offset by an improved environment for all, including better provision and infrastructure for those who wish to walk and cycle. Those using a vehicle for the school run would need to use an alternative route, if an exemption is not applicable to them. However the proposals will provide a better environment for those parents (and their children) to walk and cycle through a safer area.</p> <p>Within the area journey times are likely to reduce in time as the volume of traffic falls, with reduced build-up of traffic congestion expected. Therefore, those in the area are likely to experience less traffic build up on their street and the associated noise and air pollution.</p> <p>Within the E3 area there are 210 people who have assistance with health and care needs, this is not representative of those who receive care from a relative or friend who often have other day to day commitments. Therefore, these carers will be eligible to apply for an exemption if their relative or friend they support receives allowances as noted in the cabinet report (DLA, care allowance or PIP).</p> <p>We also understand that some persons may not be a carer as defined in the Cabinet report, this will impact them are they will be required to take an alternative route during the hours of operation. Vehicle access to every street will be maintained, but we acknowledge that with road closures comes additional time and cost for the journey. We also understand that some persons may not be a carer as defined in the Cabinet report, this will impact them are they will be</p>

	<p>Changes to the restrictions allowing more opportunity to park for mobility impaired and disabled persons and their carers carrying out day to day activities with the person they care for.</p> <p>Allowing carers (those supporting residents of Bow, as defined in the Cabinet report), to pass through the Roman Road bus gateway and timed closure on Coborn Road during the hours of operation, reduces the impact to these people.</p> <p>Cycle and walking infrastructure improvements likely to encourage parents to accompany and allow their children to use this mode of travel as fear will be reduced as traffic and volume/speed of vehicles is also reduced.</p> <p>Reduced vehicle volumes will also make it easier and safer to cross roads. The reduction in noise and air pollution will also create a better environment for parents, carers, their children and people they care for.</p>			<p>required to take an alternative route during the hours of operation. Vehicle access to every street will be maintained, but we acknowledge that with road closures comes additional time and cost for the journey. We will monitor this closely and limited officer discretion could be applied in exceptional circumstances.</p> <p>Concessions have been recommended to reduce to the impact to those with carer responsibilities in this group in the form of the blue badge, taxicard and carer exemptions. Additionally, the hours of operation have been reduced despite the result of the consultation and the support for 24/7 restrictions. Therefore, the impact is also reduced as the hours of operation recommended are as follows, 6.5hours, two periods at peak times of the day for the bus gateway and 12.5 hours during the daytime for the timed closure.</p> <p>There is a charge for the exemption scheme to cover administration costs, this may change during the review of the scheme as the cost is reflective of the administration cost. It should be noted that application for the exemption scheme is optional, it is up to the individual to apply for an exemption at their discretion. There is an impact to those who won't be eligible for the above exemptions, however the impact is reduced because of the improved accessibility and environment of the area and reduced hours of operation, but the impacts will be monitored and continued engagement with these groups will take place. Access through the area is permitted for those not eligible for exemptions outside the hours of operation.</p>
<p>People with different Gender Identities e.g. Gender fluid, Non-Binary etc</p>	<p>Though not directly related to the characteristic:</p> <p>Improved environment:</p> <ul style="list-style-type: none"> • reduced air pollution affecting those with other medical conditions • reduction in noise pollution • safer environment for older and younger people travelling through and around the area (reduced traffic volumes, speeds) • School streets/no motor vehicle access – ensuring safety during drop-off and pickup times and allowing children and parents (additional benefit to socially distance at school gates during the current situation). • Creation of segregated cycle lanes (good for those using this mode and also encourages cyclists to use these facilities not the footway as a result of 'fear of traffic'/in traffic dominated environments) • Creation of wider footways and removed street furniture clutter, pedestrian priority throughout the area, one of the most vulnerable road users <p>Access:</p> <ul style="list-style-type: none"> • Travelling within the area will be easier and safer for those who need to use a vehicle, reduction of traffic volumes means less conflict particularly on the narrow residential streets • All properties remain accessible • Inclusion of sufficient tactile paving with the correct slope to ensure those navigating the area can do so safely • Introduction of formalised crossings such as zebra crossings outside shops in certain locations 			<p>The positive benefits are for all persons which is why they have been included.</p> <p>The proposals are not considered to have any particular impact on this group as scheme negatives do not disproportionately impact the group based on their protected characteristic therefore the impact is neutral.</p> <p>The team are continuing to engage with stakeholders, in order continue to inform the understanding and assessment of any potential disproportionate or differential impacts on groups with protected characteristics. This will include meetings with stakeholders, and this feedback will be used to inform further opportunities for mitigation.</p>
<p>AOB</p>				

Section 5 – Impact Analysis and Action Plan

Recommendation	Key activity	Progress milestones including target dates for either completion or progress	Officer responsible	Progress
Share information on consultation results and final proposals	Final consultation results and final proposals to be shared with all addresses in the consultation area and be made available online.	November 2020	Programme communication officer	In progress
Cabinet report on exemptions and hours of operation for the bus gateway and timed closure	Recommendations on exemptions and hours of operation – identifying all the impacts to allow for a decision	February 2021	Liveable Streets Programme lead	In progress
Engagement will continue throughout the next stages of the project as schemes are detailed.	<p>Share information on the final scheme and programme of the detailed design and works. Ensure that the opportunities for feedback are provided and advertised widely to ensure that the those that want to be further engaged in the programme are able to do so.</p> <p>Information should be shared via existing channels including newsletter, web, mailing list All feedback will be reviewed.</p> <p>Meetings to be sort with key stakeholders and key groups identified within the EqIA regarding detailed design and to get feedback for the review.</p> <p>Information letters delivered to properties in the vicinity of the works and posters put up in the area prior to works starting.</p>	February 2021 to December 2022	Stakeholder Manager Programme Comms Officer	In progress
Implement approved proposals under an Experimental Traffic order	Ensure scheme is undertaken using experimental traffic orders to enable the team to gather data and analysis the impacts of the scheme once it is place. This should form part of the overall review.	February 2021 to December 2021	Liveable Streets Programme lead	In progress
Creation of a partnership board	Creating a review panel to discuss schemes as they are implemented with key stakeholders as they are developed and implemented. This should try to represent as many of identified groups within the report as possible.	February 2021 to December 2022	Liveable Streets Programme lead	In progress
Continue to liaise with SNT, Met Police re safety in neighbourhood areas.	often local issues are raised via the Safer Neighbourhood Teams and Met Police ensure regular updates across the programme to identify where changes may cause conflict for the different user groups.	January – December 2022	Stakeholder Manager	In progress
Continue Engagement with emergency services	continue discuss as the project at the user group meetings as well as individual meetings held at each detailed design stage	January – December 2022	Stakeholder Manager	In progress
Undertake further surveys to obtain data to correlate with existing baseline data held prior to starting the scheme	Undertake surveys following completion of the scheme, to match those outlined in the cabinet report including but not limited to air quality traffic counts, collisions, economic data and noise pollution	January – December 2022	Liveable Streets Programme lead	In progress
Review of the uptake on blue badges	Monitor the current number of badges, and to identify if there is an increase if blue badge and carer exemptions are granted.	February 2021 to December 2022	Liveable Streets Programme lead	In progress
Impact on taxicard users	Monitor and confirm baseline data	February 2021 to December 2022	Liveable Streets Programme lead	In progress
Review of school transport services	Monitor the number of students using these services and obtain feedback on any challenges following implementation	February 2021 to December 2022	Stakeholder Manager	In progress
Yearly survey	Carry out a survey to determine how people travel and highlight ongoing issues, similar to resident's surveys	Yearly	Liveable Streets Programme lead	In progress
Carry out an economic impact assessment	Look at impact on local business and the market traders.	As part of the review	Liveable Streets Programme lead	In progress
Full review to take place 3 years after the commencement of the project	Independent review to be carried out	2022	Liveable Streets Programme lead	In progress

Section 6 – Monitoring

Have monitoring processes been put in place to check the delivery of the above action plan and impact on equality groups?

Yes?

No?

Describe how this will be undertaken:

This is a live document as of February 2021, which relates to the final proposals presented in November 2020 and recommendations produced for Cabinet in March 2021 regarding exemptions and hours of operation. Should the recommendations be approved, this EqIA will be superseded and a revised version created which reflects the decision of Cabinet and the proposals on the protected groups.

As part of the scheme implementation, it has been recommended that this is undertaken on an experimental basis to ensure a review of the scheme is carried out. This will include the monitoring of the potential positive and negative impacts identified through the assessment and where necessary alterations made to the scheme. As part of this review the EqIA will be updated with results from any surveys and feedback provided from all road users and the local community.



References

1. Dft, <https://roadtraffic.dft.gov.uk/local-authorities/93>
2. Climate Emergency
[https://www.towerhamlets.gov.uk/lgnl/environment and waste/Sustainability/Climate emergency .aspx](https://www.towerhamlets.gov.uk/lgnl/environment%20and%20waste/Sustainability/Climate%20emergency.aspx)
3. Tower Hamlets Transport Strategy
<https://democracy.towerhamlets.gov.uk/documents/s160545/Appendix%20A%20Tower%20Hamlets%20Transport%20Strategy%202019-2041.pdf>
4. Impacts of an active travel intervention with a cycling focus in a suburban context: One-year findings from an evaluation of London's in-progress mini-Hollands programme, 2019
<https://westminsterresearch.westminster.ac.uk/item/q5890/impacts-of-an-active-travel-intervention-with-a-cycling-focus-in-a-suburban-context-one-year-findings-from-an-evaluation-of-london-s-in-progress-mini-hollands-programme>
5. Borough profile, based on Census 2011 data
[https://www.towerhamlets.gov.uk/lgnl/community and living/borough statistics/Borough profile.aspx](https://www.towerhamlets.gov.uk/lgnl/community%20and%20living/borough%20statistics/Borough%20profile.aspx)
6. Tower Hamlets ward profiles, Corporate Research Unit, 2014
[https://www.towerhamlets.gov.uk/Documents/Borough statistics/Ward profiles/Bow West.pdf](https://www.towerhamlets.gov.uk/Documents/Borough%20statistics/Ward%20profiles/Bow%20West.pdf)
and
[https://www.towerhamlets.gov.uk/Documents/Borough statistics/Ward profiles/Bow East.pdf](https://www.towerhamlets.gov.uk/Documents/Borough%20statistics/Ward%20profiles/Bow%20East.pdf)
7. Travel in Tower Hamlets Transport Strategy Evidence Base & Bibliography Annex A, 2019
<https://democracy.towerhamlets.gov.uk/mgConvert2PDF.aspx?ID=160546>
8. London Borough of Tower Hamlets Third Local Implementation Plan, February 2019
<https://democracy.towerhamlets.gov.uk/mgConvert2PDF.aspx?ID=143901>
9. Blue Badge scheme statistics and data, Department for Transport, 2018
<https://www.gov.uk/government/statistics/blue-badge-scheme-statistics-2020>
10. Tower Hamlets Annual Residents Survey, 2019
[https://www.towerhamlets.gov.uk/Documents/Borough statistics/2019 ARS Briefing Paper.pdf](https://www.towerhamlets.gov.uk/Documents/Borough%20statistics/2019%20ARS%20Briefing%20Paper.pdf)
11. TfL's Road Risk and Vulnerable Road User Working Paper <http://content.tfl.gov.uk/road-risk-and-vulnerable-road-user-working-paper.pdf>
12. DfT, National Travel Survey 2014: Travel to school
https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/476635/travel-to-school.pdf
13. Addressing Childhood Obesity in Tower Hamlets
<https://democracy.towerhamlets.gov.uk/documents/s154102/Addressing%20Childhood%20Obesity%20in%20Tower%20Hamlets.pdf>
14. Tower Hamlets Health and Wellbeing Strategy 2017-2020
[https://www.towerhamlets.gov.uk/Documents/Public-Health/Health Wellbeing Strategy.pdf](https://www.towerhamlets.gov.uk/Documents/Public-Health/Health%20Wellbeing%20Strategy.pdf)
15. NHS <https://www.england.nhs.uk/childhood-asthma/>
16. The Lancet Public Health, 2018 'Impact of London's Low Emission Zone on air quality and children's respiratory health' [https://www.thelancet.com/journals/lanpub/article/PIIS2468-2667\(18\)30202-0/fulltext](https://www.thelancet.com/journals/lanpub/article/PIIS2468-2667(18)30202-0/fulltext)
17. Office for National Statistics (ONS), Census 2011 Second Release, Dec. 2012
18. DfT, National Travel Survey Disability and travel: 2007-2014
https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/533345/disability-and-travel-factsheet.pdf
19. Taxi and Private Hire Vehicles Statistics: England 2019
https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/833569/taxi-and-phv-england-2019.pdf



20. Wheels for Wellbeing 2020 A Guide to Inclusive Cycling <https://wheelsforwellbeing.org.uk/wp-content/uploads/2019/06/FINAL.pdf>
21. Understanding the travel needs of London's diverse communities Women, April 2012 <http://content.tfl.gov.uk/women.pdf>
22. Understanding the travel needs of London's diverse communities BAME April 2012 <http://content.tfl.gov.uk/BAME.pdf>
23. Ethnic variations in incidence of asthma episodes in England & Wales https://www.researchgate.net/publication/7524595_Ethnic_variations_in_incidence_of_asthma_episodes_in_England_Wales
24. Air pollution-induced missed abortion risk for pregnancies https://www.researchgate.net/publication/336020454_Air_pollution-induced_missed_abortion_risk_for_pregnancies
25. BMC Public Health 2018 Understanding child and parent perceptions of barriers influencing children's active school travel <https://bmcpublichealth.biomedcentral.com/track/pdf/10.1186/s12889-018-5874-y.pdf>
26. Travel In London: Understanding our diverse communities, a summary of existing research, 2019 <http://content.tfl.gov.uk/travel-in-london-understanding-our-diverse-communities-2019.pdf>
27. Asthma UK, On the Edge: How inequality affects people with asthma 2018 <https://www.asthma.org.uk/support-us/campaigns/publications/inequality/>
28. Inequalities in Mobility and Access in the UK Transport System https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/784685/future_of_mobility_access.pdf
29. Transport and inequality: An evidence review for the Department for Transport 2019 https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/953951/Transport_and_inequality_report_document.pdf
30. Public Health England, Improving access to greenspace 2020 https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/904439/Improving_access_to_greenspace_2020_review.pdf
31. Walking & Cycling: the economic benefits, TfL <https://content.tfl.gov.uk/walking-cycling-economic-benefits-summary-pack.pdf>
32. Blue badge scheme statistics, England: 2020 https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/953754/blue-badge-scheme-statistics-2020.pdf
33. NHS <https://www.nhs.uk/live-well/exercise/exercise-as-you-get-older/>
34. Inequalities in self-report road injury risk in Britain: A new analysis of National Travel Survey data, focusing on pedestrian injuries 2018 <https://www.sciencedirect.com/science/article/pii/S2214140517306308>