









### Pulteney Estate Area Co-development Workshop

Summary of Discussions August 2022

## Liveable Neighbourhoods Co-development Workshop

This report shows the outcomes of a workshop held on the 26th of July for residents in the Pulteney Estate area of Bath.

During the workshops, we helped residents express to us what they liked about their area, what they thought could be nurtured, and what measures they felt would make the most impact to improve the area. We used large maps of the neighbourhood to help.

The ideas presented here have been generated by the residents themselves, and link back to comments captured during public engagement for the Pulteney Estate in December 2021. The ideas will now be shortlisted to develop a draft design.

In the autumn, we will ask the wider public for their feedback on the draft design before final designs are produced, taking on board the comments we receive.

#### Contents

Background	4
About the Pulteney Estate	5
Outcomes of the Earlier Public Engagement	6
Key Themes Identified in the Earlier Public Engagement	7
The Workshop	8
What People Like About the Pulteney Estate	9
What People Said Could Be Nurtured	10
Movement Patterns	11
What Did We Learn?	12
Key Themes and Previous Engagement	13
Guide to Interventions	14
Reimagining the Space	15
Conclusion and Next Steps	41

#### Background

Bath & North East Somerset Council is supporting communities to breathe new life into their residential streets by developing liveable neighbourhoods. Typical features of a liveable neighbourhood include:

- Reduced numbers of vehicles on residential roads.
- Safer and better opportunities for those that wish to walk, cycle or wheel
- More green spaces where people can sit, relax, and meet others
- And healthier, more connected communities.

The council first asked residents what they felt about liveable neighbourhoods (LNs) in autumn 2020. 48 communities then applied to become a LN, via their ward councillors. In 2021, the council prioritised 15 areas where development of LNs could start, which included the Pulteney Estate. In December 2021, the council asked the public for their feedback on what was good about their areas; what transport-related issues they experienced, and what improvements would make the most impact.

The original LN application for the Pulteney Estate detailed issues of speeding through-traffic and larger HGV's using the area as a means to avoid traffic along Bathwick Street. This additional traffic causes safety issues for pedestrians and cyclists as well as contributing towards air pollution in the area. Other traffic issues were also reported, these being parking and idling vehicles which also contribute towards poor air pollution, as well as obstructing residents entrances and parking spaces. Pulteney Bridge was highlighted as a dangerous area for pedestrians and cyclists as well as the junctions with Argyle Street and Grove street.

The development of a LN here and in other areas will play an important role in delivering council policies on transport, health and the climate emergency.

### About the Pulteney Estate area

The Pulteney Estate area is located near the centre of Bath and is approximately 0.4 miles from Bath Spa train station.

The area is mainly residential with areas of commerce along Pulteney Bridge and Hotels along Great Pulteney Street. It also provides access to the Bath Rugby Club grounds.

There are also several areas of historical interest regarding to Baths heritage, some of these include the Pulteney Bridge, Laura Place Fountain and the Holburne Museum.

From discussions at the workshops there appears to be Four key areas to Great Pulteney Street and Henrietta Park:

- Pulteney Bridge
- Laura Place Fountain
- Great Pulteney Street
- Henrietta Park Area



## Outcomes of earlier Public Engagement

In December 2021, the council carried out a public engagement and invited people to submit feedback across 15 Liveable Neighbourhood areas being prioritised. Out of the 1,625 responses submitted, 129 people commented on the Pulteney Estate area. Below is a summary of what people said.

#### What is good about the area?

- 104 said 'close to shops and services'
- 53 said 'strong community spirit'
- 37 said 'good accessibility such as walking, wheeling and cycling'

#### What issues are experienced?

- 98 said 'through traffic'
- 77 said 'speeding traffic'
- 56 said 'parking'
- 45 said 'HGV traffic'
- 42 said 'space for wheeling, walking or cycling'
- 36 said 'school-run traffic'

#### What measures could improve the area?

- 97 said 'a restriction on through-traffic or HGVs'
- 40 said 'better or more residents' parking'
- 36 said 'new or wider footways'
- 28 said 'new pedestrian crossings'
- 26 said 'trees and planting'



People discussing ideas at the Pulteney Estate workshop

# Key themes Identified in Earlier Public Engagement

We identified four key themes from the feedback received in 2021. These key themes were:

- Better allocation of road space
- Better cycle infrastructure
- Improved public spaces
- Traffic interventions and pollution

Better allocation of road space. Cars can dominate our residential streets leaving inadequate space for safe walking and wheeling (so discouraging active travel). To ensure fairer access for all road users, measures could include widening footways, creating crossings, building out pavements, or creating new community spaces.

**Better cycle infrastructure** encourages the uptake of cycling and improves safety for cylists. Benefits could include fewer cars on the roads, less demand for on-street parking, and less congestion. **Measures could include cycle parking, bike hire and cycle lanes where appropriate.** 

Improved public spaces mean more opportunities for people to meet and talk with others outside. Improving our outdoor spaces can improve our health and well being, combat loneliness and create more vibrant and inclusive communities. Measures to improve public spaces could include attractive seating areas, planting more trees and plants, and public art.

**Traffic interventions** could include include **modal filters** (e.g. bollards to restrict through traffic), **turning restrictions and restricting access** for certain vehicles to reduce the number of vehicle movements in the area. In turn, **these restrictions could improve air quality in the area.** 

### The Workshop

The workshop took place in St Mary's Church on the 26th of July and started at 6.45pm.

#### Brief presentation / introduction

Workshop places were prioritised for residents that registered interest to be kept involved in the codevelopment process during the previous engagement. We also promoted the opportunity online and in the local community.

65 people registered for the event, along with representatives from AECOM and B&NES Council.
Attendees were split into four groups, accommodating four tables.

#### Exercises 1, 2 and 3

- What do you like about the Pulteney Estate area?
   What needs nurturing?
- What are the movement patterns around the area?
- Group feedback

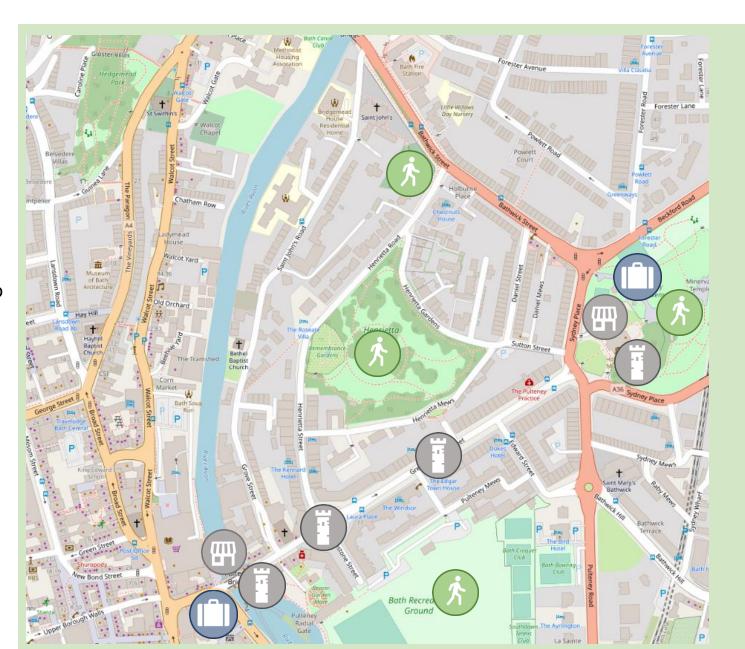
#### Break Exercise 4

- Re-imagining the space
- Group feedback



# Exercise 1 What people said they liked about the Pulteney Estate area

We asked each table to discuss and identify on a map what they liked about the area.



Established areas/green spaces to go walking or wheeling.

Shops and local amenities along
Pulteney Bridge and in Sydney Gardens.

Tourism in the area is seen as a benefit.

Lots of historical
Georgian
architecture in this
area.

## Exercise 2 What people said could be nurtured

We asked each table to discuss and identify on a map what areas could be nurtured.



Poor or no crossing facilities on roads within the area. Reports of pedestrians being in the road around the Laura Place Fountain.

Idling vehicles in the area including coaches which contribute towards air pollution.



Tourist coaches drop people off near Laura place fountain. Drivers leave engines running and block resident parking spaces.

Issues with nonresidents parking in the area who park during rugby game days.

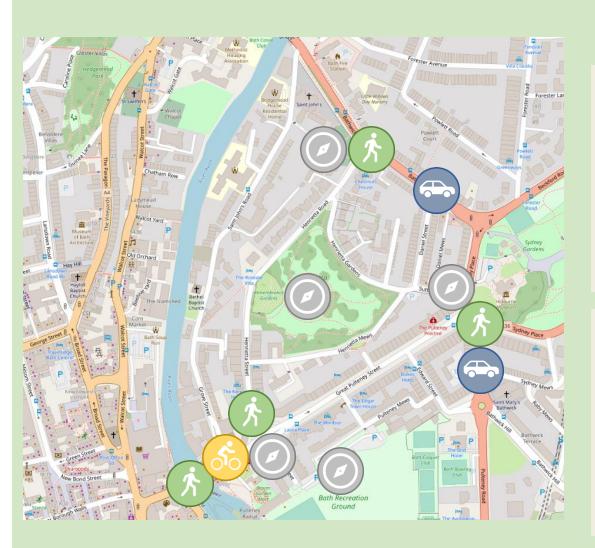
Narrow footways which leads to people having to walk in the road.



Congestion and speeding during rush hour, school traffic and game day traffic.

# Exercise 3 What people said their movement patterns are

We asked each table to discuss and identify on a map typical 'movement' patterns i.e. where people travel, how they move and any barriers they have experienced.



Residents and tourists walk around the area but poor crossing points can make this difficult and dangerous at times.

There are lots of cyclists in the area but speeding traffic and confusing junctions (including Grove Street) can pose a risk to cyclists.

A lack of local wayfinding can often make it difficult for people and tourist to walk to places of interest.

Concerns with traffic displaced from residential streets back on to the main road network and associated issues with potential noise and poor air quality.

### What did we learn...?

- The row of shops and businesses along Pulteney Bridge are popular, but residents report issues associated with a lack of footways and speeding traffic in this area.
- There is a lot of support for the local Georgian architecture and heritage of the area. Residents believe that improvements can be made to improve safety for people visiting these places, particularly Laura Place Fountain which is located in the middle of a large road space.
- There are issues associated with speeding by motorists seeking to avoid traffic queues along Bathwick Street. This creates dangerous environments for residents and visitors who are walking in the area.
- There are issues with idling vehicles, particularly tourist coaches, which stop in the area. They block parking for residents and contribute to air pollution in the area.



People discussing ideas at the Great Pulteney Street workshop



People discussing ideas at the Mount Road workshop

# How the themes compare to the previous engagement

The feedback from exercise 1, 2 and 3 is outlined below and aligns with the themes from the initial public engagement:

#### Better cycle infrastructure



There are many cyclists in the area but concerns with speeding traffic and confusing junctions (such as Grove Street with Pulteney Bridge) are seen as a safety risk to cyclists.

#### Traffic interventions and pollution



Speeding through-traffic and idling vehicles - particularly by tourist coaches and buses - concern residents.

#### Improved public spaces



Access to local green spaces, shops and tourist attractions are important to the community.

Residents reported that access to Pulteney Bridge can be difficult with lots of people having to walk in the road due to the narrow footways.

There were suggestions to improve the area around Laura Place Fountain, for example to provide a community space in this area instead of a space designated for vehicles.

#### Better allocation of road space



There are good pedestrian facilities along the length of Great Pulteney Street but along other roads including Pulteney Bridge, Grove Street and Henrietta Street, the footways are narrow and uneven.

There are also issues with accessibility in the area for people with disabilities. In particular, at Laura Place Fountain there are large crossing distances and a lack of formal crossing points.

There are issues with some crossing points, including the crossing from the east of Great Pulteney Street to Sydney Place. This crossing is seen as unsafe due to its location and tendency for drivers to miss or ignore red lights.

### Guide to Interventions

We asked residents to discuss what interventions might work in each area to improve connectivity, accessibility and inclusivity, by placing icons representing these measures / interventions on a map. Here is a guide to the icons.

The interventions are grouped by key themes.

3	Better Cycle Infrastructure	Improved Public Space	Better Allocation of Road Space	Traffic Interventions	Additional Themes Identified at Workshops
-	Cycle Lane Cycle Parking E-Bike Hire	Planters and Greenery  Wayfinding  Community Spaces: • Seating • Parklets  Redesign of public spaces	Pedestrian Priority Crossing and footway improvements Shared Spaces	Parking Restrictions  Modal Filter (vehicle restriction) to encourage walking, wheeling and cycling  Narrow Road  One Way Street  Traffic Calming Measures  More Residents Parking  Turning Bans	Maintenance: • Resurfacing • Cut Vegetation  Behaviour Change  EV Charging  Car Club Spaces  Lighting  QR Codes  Local Enforcement

#### Exercise 4: Re-imagining the space

We asked residents attending the workshop to 'reimagine' the Pulteney Estate area, suggesting ways to solve some of the issues identified in the earlier exercises and ways to make getting around safer and more inclusive for everyone.

Zone 1: Pulteney Bridge

Zone 2: Laura Place Fountain

Zone 3: Great Pulteney Street and

**Edward Street** 

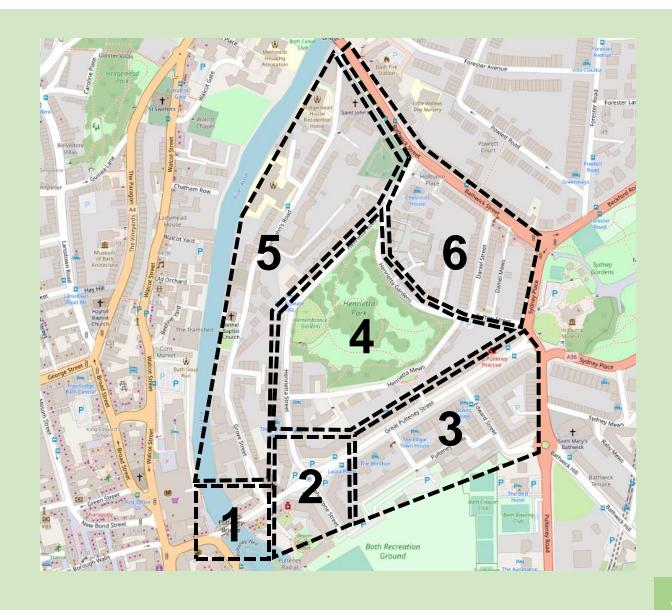
Zone 4: Henrietta Park area

Zone 5: Grove Street and St Johns

Road

**Zone 6:** Daniel Street and Bathwick

Street Area



Residents' suggestions to improve cycling opportunities in the area

#### Secure Bike Parking



Provide opportunities for cyclists to securely store their bicycles along Pulteney Bridge.
This would encourage more people to cycle to the area.

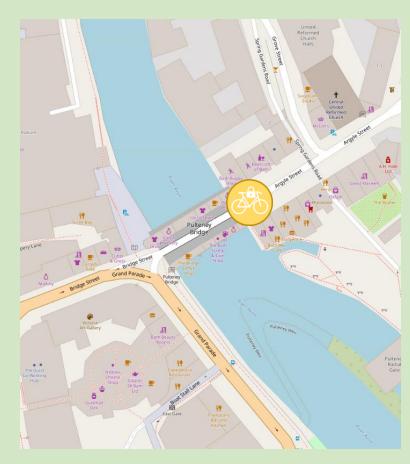


E-bike trial

Cycle to work scheme



Secure bicycle parking near St Johns The Evangelist's Church, Bath



Residents' suggestions to improve the public realm in the area

#### **Public Realm Improvements**



Residents would like more public spaces along Pulteney Bridge. This could include, benches, parklets and spaces for people to socialise in. This would make Pulteney Bridge more of a place for people and a gateway into Great Pulteney Street.



Residents' suggestions to create fairer access for all

#### Footway Improvements Along Pulteney Bridge



The current footways are narrow, resulting in people having to walk in the road. Residents would like to improve the pedestrian facilities in this area by widening the footways.



There were suggestions to make Pulteney Bridge a shared space. This would help to change driver behaviour and encourage a freer movement of people.

#### Pedestrian crossing improvement at Grove Street Junction

序

Improve the crossing for people who are travelling between Pulteney Bridge and Great Pulteney Street. This would help to improve safety.



Residents' suggestions to tackle vehicle related issues

#### One-way streets and road narrowing



Residents suggested making Pulteney Bridge a oneway street. By moving traffic in only one direction along the bridge, space can be reclaimed for people walking and wheeling.



Pulteney Bridge © Google Maps 2022



Residents' suggestions to improve cycling opportunities in the area

#### Secure bike storage



Improve the current facilities for secure bike storage around the Laura Place Fountain area.

#### E-bike rental



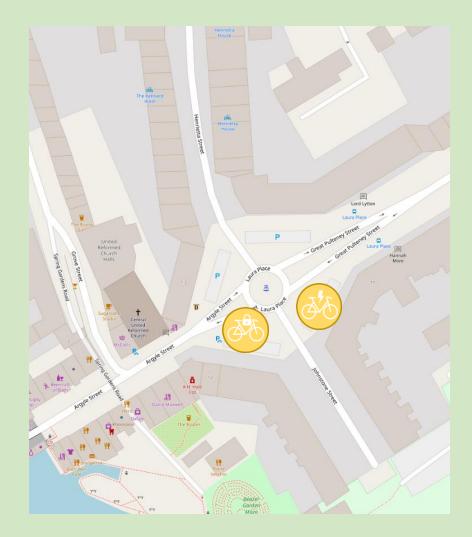
Provision of e-bike rental around the area would encourage more people to travel actively.



Secure Bike storage hangar © Source Sustrans



**Rental E-bikes** 



Residents' suggestions to improve the public spaces in the area

#### Social spaces and greenery



Installation of street furniture in the area surrounding the Laura Place Fountain would help to promote the area as a destination for residents and tourists. There is currently no provision for people to sit and relax.



Residents suggested more greenery in the area surrounding Laura Place Fountain to re-vitalise the space.

#### Wayfinding

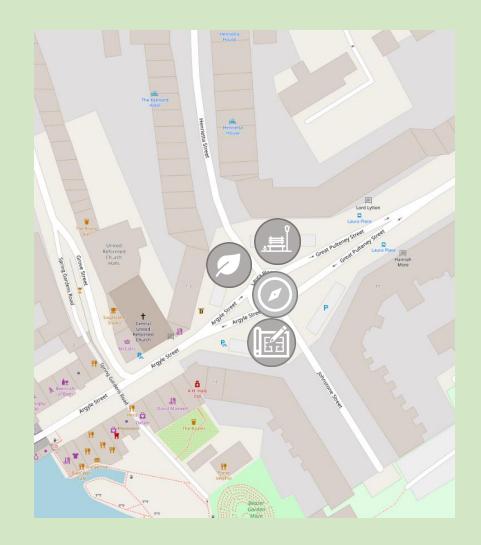


Residents suggested that wayfinding through the area could help visitors find nearby attractions. This could be markings on the footways instead of additional signage.

#### Redesign of Laura Place Fountain space



Residents who attended the event commented that the current arrangement is not good for people and there is too much space allocated to vehicles. They said that they would like to see improvements to the space for tourists, residents and visitors.



Residents' suggestions to create fairer access for all

#### Improved pedestrian crossing



Residents would like better pedestrian facilities in the route from Holburne Museum to Pulteney Bridge. There is currently a lack of formal crossings and dropped kerbs. Access around the area can be difficult for people with disabilities and people with pushchairs.

#### Space for people

The area surrounding Laura Place Fountain is heavily dominated by vehicles. Residents said that they would like to improve pedestrian access around the fountain and if possible provide a raised paved area around the fountain, reclaiming the road space currently occupied by vehicles.





Image showing large area of space allocated to vehicles around Laura
Place Fountain © Google Maps 2022



Residents' suggestions to tackle vehicle related issues

#### Reduction of current parking provision



Residents suggested the removal of pay and display parking within the Laura Place Fountain Area with the space re-allocated for other uses.

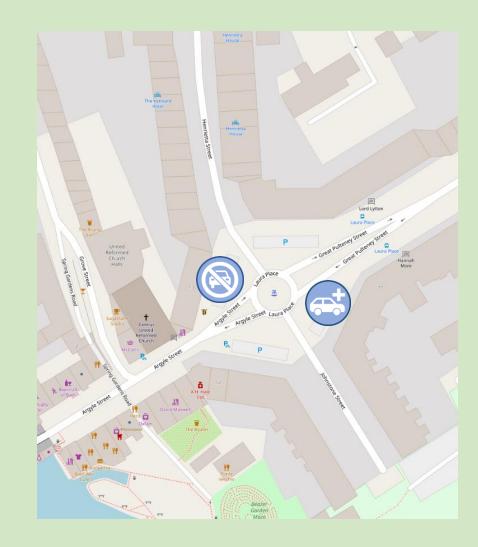
#### **Residents parking**



There was also a suggestion to make the parking 'residents-only' around Laura Place Fountain to address a lack of parking for residents.



Reallocation of parking around Laura Place Fountain © Google Maps 2022



Residents' suggestions of proposals to improve other issues in the area.

#### Maintenance



Maintenance of paved areas at the entrances to the Laura Place Fountain.

Refresh the paint markings throughout area.

#### **Visitor Information**



Residents are keen to celebrate and share the heritage of Laura Place Fountain. They suggested the use of QR (Quick Response) codes in the area so that visitors can scan these with their smart phones and learn about the area.

#### EV charging and car clubs

Electric vehicle charging.



Car club space.



QR codes in cities © Navilens



Laura Place Fountain © Google Maps 2022



Residents' suggestions to improve cycling opportunities in the area

#### Secure cycle storage

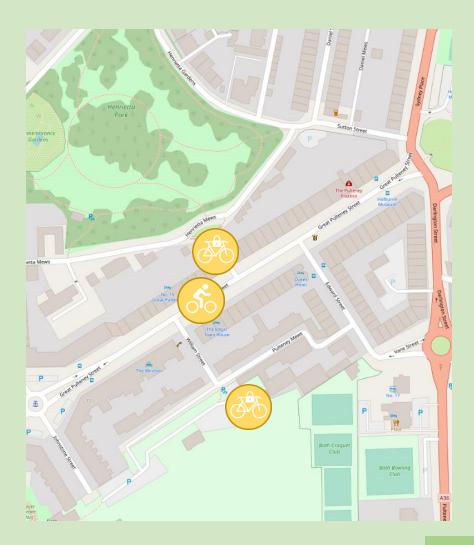


Provision of secure cycle storage around the local businesses and the health centre. This would encourage more people to cycle to these areas.

#### Improved cycle safety along Great Pulteney Street



Provision of signage and infrastructure which highlights the presence of cyclists to drivers and the introduction of cycle lanes. This would help to change driver behaviour and provide a safer environment for cyclists along Camden Road.



Residents' suggestions to improve the public spaces in the area

#### Wayfinding



Residents suggested the continuation of wayfinding through the area to help visitors find nearby attractions. These could be markings on the footways instead of traditional signs.

#### Plants and greenery



Residents suggested more plants and greenery along the length of Great Pulteney Street. These can be incorporated with the use of planters.



Residents' suggestions to create fairer access for all

#### New pedestrian crossings along **Great Pulteney Street**



Residents suggested the installation of crossing points along the length of Great Pulteney Street would improve access around the area.

#### Continuous crossings on side roads



Provision of continuous crossings along side roads on Great Pulteney Street would help to improve accessibility for people walking or wheeling. These can be installed on a temporary basis and become raised crossings if seen to be beneficial.

#### New crossings on the A36



Suggestion for a new and improved pedestrian crossing near the Holburne Museum and Bathwick Hill would encourage walking and wheeling in the area.



New crossing location © Google Maps 2022



**Temporary painted Continuous Crossing** in Bristol



Continuous Crossing in Cardiff, Wales © Google Maps 2022



Residents' suggestions to tackle vehicle related issues

#### **Great Pulteney Street**



Traffic calming along Great Pulteney Street would help stop speeding vehicles. These could include building-out footways in places to reduce the road width, speed bumps or chicanes which force drivers to slow down as they navigate obstacles on either side of the road.

#### **Great Pulteney Street junction with the A36**



Residents suggested a modal filter (e.g bollards or planters) at the north east end of the street. This would restrict vehicle access from the A36 allowing only pedestrians and cyclists to pass through the filter. Vehicle access would be maintained from the south west end of the street.



Narrowing of the junction would help to slow vehicle speeds at this point and reduce crossing distances for pedestrians.

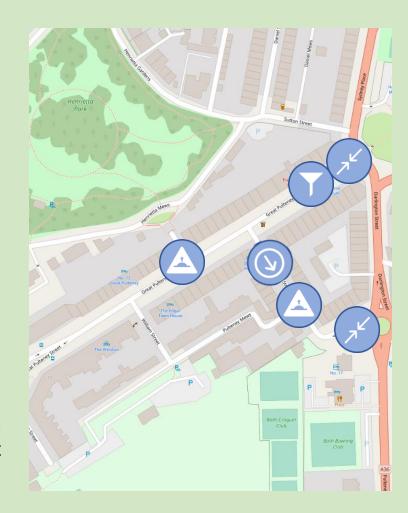
#### **Edward Street**



Residents suggested that Edwards Street could be one way, with traffic calming to keep vehicle speeds down. This would restrict through-traffic in the area.



A reduction in the Edward Street and A36 roundabout entrance would help to reduce vehicle speeds and reduce crossing distances for pedestrians.



Residents' suggestions of proposals to improve other issues in the area.

#### Electric vehicle charging



Residents suggested the installation of electric vehicle charging throughout the area.

It was suggested to provide charing from existing infrastructure, such as lighting columns, which has been done in Westminster, London.

#### Car club



Provision of a car club space in the area would help reduce car ownership.

#### **Enforcement of idling vehicles**



Residents identified idling vehicles, in particular tourist coaches, as a particular issue. Enforcement of anti-social parking and idling engines could help.



Electric vehicle charging in Westminster
© TrafficTechnologyToday.com



Car Club space and vehicle, Bristol



## Zone 4 Henrietta Park area

Residents' suggestions to create fairer access for all

#### Improve junction crossings around Henrietta Park



The junctions with Henrietta Road and Henrietta Mews (with Henrietta Gardens) are wide and it can be difficult for people to cross the roads due to the long distances.

Improvements to crossings, including a reduction of the crossing distance and better driver awareness would improve safety.



Painted crossing point at junction in Bristol



#### Zone 4 Henrietta Park area

Residents' suggestions to tackle vehicle related issues

#### **Traffic calming**



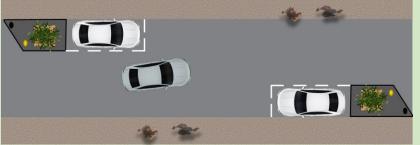
Residents reported speeding vehicles along Henrietta Road and Henrietta Gardens.

The installation of traffic calming measures such as speed bumps or cushions, build-outs and chicanes force drivers to slow down as they navigate obstacles on the road.



Henrietta Road, Bath © Google Maps





Schematic diagram showing chicane parking with buildouts

## Zone 4 Henrietta Park area

Residents' suggestions of proposals to improve other issues in the area.

#### Electric vehicle charging



Residents suggested the installation of electric vehicle charging throughout the area, including Henrietta Street and Henrietta Mews.

Charging could be provided from existing infrastructure, such as lighting columns, which has been done in Westminster, London.



Henrietta Road, Bath © Google Maps



## Zone 5 Grove Street and St Johns Road

Residents' suggestions to create fairer access for all

### Accessibility improvements from Bridgemead House residential home to Pulteney Bridge



Residents at the workshop expressed concerns about the condition of the pavement along Grove Street and St Johns Road, making it difficult for people with disabilities to walk or wheel to Pulteney Bridge.

Widening and flattening of the footway would provide a more accessible route into the City Centre.

These improvements would provide people with the opportunity and confidence to walk or wheel around the area.



Example of narrow footways along St Johns Road
© Google Maps



## Zone 5 Grove Street and St Johns Road

Residents' suggestions to tackle vehicle related issues

#### One-way street and traffic calming



Residents at the workshop suggested formalising the temporary one-way routing which was introduced during the Cleveland Bridge works.



Traffic calming along the route was also suggested as vehicles are currently observed breaking the 20mph speed limit in the area.

#### **Parking restrictions**



Residents suggested the removal of parking bays where the road is narrow.

#### **Modal filter**



A suggested modal filter (i.e. bollards or planters) along Grove Street, just after Henrietta Place, would stop nonresidents using the route to avoid traffic along Bathwick Street.

This intervention could not be implemented in addition to a one-way street.



#### Zone 5 **Grove Street** and St Johns Road

Residents' suggestions of proposals to improve other issues in the area.

#### Lighting



Improvements to lighting along the footway which connects Henrietta Road to St Johns Road, Residents report it being dark and unwelcoming in winter months.



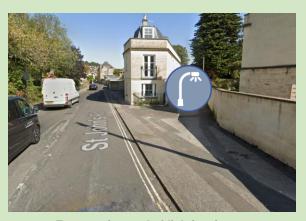
#### **QR Code Information**

Residents suggested the use of QR (Quick Response) codes at St Mary's Churchyard so that visitors can scan these with their smart phones and learn about the area.



#### Maintenance

Suggestions to provide maintenance along section of St Johns Road where footways are currently deteriorated.



Footway in need of lighting improvements © Google Maps 2022



QR information at St Mary's Churchyard © Google Maps 2022



Residents' suggestions to create fairer access for all

#### **New crossings along Bathwick** Street



Residents suggested Bathwick Street is a barrier for those wanting to walk or wheel in the area. They suggested new pedestrian crossings to access Sydney Gardens, Cleveland Bridge and the Little Willows Nursery.



#### Improvements to existing crossings

Discussions highlighted that the Bathwick Street and Beckford Road crossing provides poor connectivity and accessibility for people.

The crossing features long wait times and crossing distances which pose an issue for people with mobility aids and pushchairs. People want to improve the pedestrian experience in this area.



Potential location for formal crossing point © Google Maps 2022



Aerial image showing long crossing distances at Bathwick Street and Beckford Road crossing © Google Maps 2022



Residents' suggestions to improve public space

### Greenery and planters Residents suggested the

Residents suggested the addition of greenery along Bathwick Street and Daniel Street. This could improve air quality as well as make the space more inviting.

Planters with greenery and trees could be an option.



Trees in planters, London Road, Bath © Google Maps 2022



Bathwick Street © Google Maps 2022



Trees in planters, Bristol



Residents' suggestions to tackle vehicle related issues

#### Turning bans



Residents suggested the banning of left turns from St Johns Road, Henrietta Road, Daniel Street and Daniel Mews onto Bathwick Street to determotorists from using it as a through-route to avoid traffic queues on the main road.

#### **One-way routes**



Residents suggested making Henrietta Road from Henrietta Gardens a one-way street leading to Bathwick street.



Residents also suggested making Sutton Street one way towards Bathwick street.

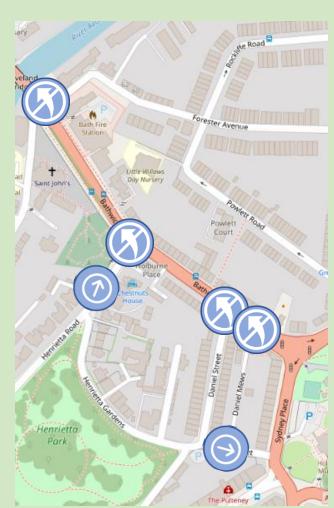
This would stop motorists from using these streets as through-routes to avoid traffic queues on Bathwick Street.



Daniel Street © Google Maps 2022



Sutton Street © Google Maps 2022



Residents' suggestions of proposals to improve other issues in the area.

#### Electric vehicle charging



Residents suggested the installation of electric vehicle charging along Sutton Street near the Pulteney Arms.



EV charging along Sutton Street © Google Maps 2022



## Other Behaviour Change Interventions



Residents can also consider ways of improving the area without relying on physical changes to the streets, such as walking or cycling short journeys, consolidating deliveries, and using their car less by combining trips.

Advice on embracing active travel and realising the benefits of reduced car-use is available <a href="here.">here.</a>

Community-led initiatives can also help improve the safety and atmosphere of any neighbourhood.

These can include walking buses, community tidy-ups, <u>community speed watch</u>, <u>weight</u> <u>restriction enforcement</u>, and organising '<u>playing out' days</u>, which focus on streets for people.

You can find out more from an advisor at your exhibition.



### Conclusion and Next Steps

The ideas presented here were proposed by residents at co-development workshops. The next step is to shortlist a package of measures to be included in a draft design, based on the following criteria:

- Whether the measure/intervention falls within the area originally proposed in the application for a Liveable Neighbourhood in the Pulteney Estate area, or positively impacts that area (ideas relating to areas outside of this area will be saved for future consideration).
- How effective the measure would be in tackling the issues expressed by Pulteney Estate area residents.
- Cost and practicalities.

Residents attending our workshops can give their feedback on the ideas presented here, and what measures they'd like to see in a preliminary draft design, before final designs are drawn up. These final designs would be subject to further consultation, and in some cases trialled on the street.

We will invite the wider public to share their views and comment on the draft design later in the autumn (2022).

The aim is to deliver a range of measures over a 'now, soon and later' timeframe from 2023.

If you would like to register your interest and be kept up to date on future events, please email liveableneighbourhoods@bathnes.gov.ukor speak to a member of staff.

#### **Quality Information**

Prepared by	Checked by	Verified by	Approved by
AS	MM	HH	СВ

#### **Revision History**

Revision	Revision date	Details	Authorised	Name	Position
P01	01/09/2022	-	MM	MM	Senior Consultant
P02	02/09/2022	Client Comments	LD	LD	Principal Engineer

#### Distribution List

# Hard Copies	PDF Required	Association / Company Name	
-	-	-	

Prepared for: Bath and North East Somerset

Prepared by:

AECOM Limited
3rd Floor, Portwall Place
Portwall Lane
Bristol BS1 6NA
United Kingdom

T: +44 117 901 7000 aecom.com

© 2022 AECOM Limited. All Rights Reserved

### AECOM Delivering a better world