



THE CITY CLUSTER VISION

AN EXCEPTIONAL URBAN ENVIRONMENT FOR
A THRIVING WORLD-CLASS DESTINATION

2019

CITY CLUSTER VISION

An exceptional urban environment for a thriving world-class destination



Contact us:

City Public Realm
Department of the Built Environment
City of London Corporation
Guildhall
PO Box 270
London EC2P 2EJ

Telephone: 020 7606 3030
Email: citypublicrealm@cityoflondon.gov.uk

Version 03
April 2019

Prepared by:

growthindustry
www.growthindustry.co.uk

In collaboration with:

LAC UNA
www.lacuna-projects.com

CONTENTS

1

Context

Introduction
The Cluster today
Development change
Pedestrian movement
Background reports
Public Consultation
Summary:
Future challenges & considerations

2

Vision

Strategic Vision
Vision Framework
Vision Objectives
Strategies

Streets as Places
Greening strategy
Activation Programme

3

Proposals

Proposals overview
Jubilee Gardens
St Mary Axe - Lime Street
Whittington Avenue
Bevis Marks - Camomile Street
Houndsditch
Wormwood Street
Leadenhall Street - incl Leadenhall Crossing
Great St Helens link
Camomile Street/ Wormwood junction
Threadneedle Street junction
Bury Street
Creechurch Lane

4

Project Delivery

Delivery Plan

Introduction

The City Cluster comprises an ever densifying and expanding part of the City of London, as evidenced by the ongoing construction of tall architectural towers and an increasing working population which provides a demanding audience on the historic streets and spaces of the Cluster. The public realm must respond to these demands and pressures to enable economic growth and maintain and extend the reputation and attractiveness of the Cluster as a global leader in financial services and reaffirm itself as a destination, both as a workplace and as a cultural attraction beyond the working day. Against this changing backdrop, the public realm must have not only the capacity to accommodate change but also predict and encourage new uses in support of the wider ambitions of the area.

This report

This vision has been prepared by Growth Industry landscape architects, who were commissioned by the City of London City Public Realm to develop Stage 2 conceptual design proposals for the future vision and public realm enhancement of the City Cluster. Integral to this process was the support and guidance of the City Property Association, City Architecture Forum and the City of London. The focus of this vision is to identify those areas of change and intervention within the public realm and protect available space, promote new enhanced space and nurture the working and cultural life of the Cluster over the coming years. In order to deliver the aspirations of the vision, a number of public realm enhancement opportunities are identified that will, over the next decade, seek to promote and enhance the public space within the City Cluster. The vision is presented as a series of overarching strategy objectives that then inform specific project opportunities and priorities to be delivered over the coming years. The proposals contained within this vision have been subject to and respond to stakeholder and public consultation undertaken during 2018. An activation programme of experiments, trials and events prepared in parallel by Lac una, as appointed creative project consultants, will be delivered to reinforce the public realm vision for the area to test innovations, respond to the needs of the area at pace and continue dialogue with stakeholders about the future of the cluster.



Introduction

City of London planning context

The draft City of London Local Plan, called City Plan 2036, sets out the planning policies that will guide future growth and decisions on planning applications for the next 20 years. The plan identifies a number of 'Key Areas of Change', one of which is the City Cluster, within which ;

'a number of significant tall buildings are under construction, with further tall buildings permitted but not yet commenced. Employment in the Cluster is expected to nearly double once all current permissions are built and occupied'.

In preparation for this anticipated increase in tall buildings and employment numbers, this vision for the City Cluster outlines a vision, objectives and design proposals to help govern the direction of the public realm in this key area of change in the years to come. The proposals contained within all seek to align with and promote the policies contained within the City Plan 2036.

Other strategic guidance has informed the development of this public realm strategy:

- Mayor's Transport Strategy
- Healthy Streets for London
- City of London Transport Strategy
- City of London Lighting Strategy SPD
- City of London Open Spaces SPD
- City of London Public realm SPD and Technical Manual
- City of London Freight and Servicing SPD
- City of London Air Quality SPD

Healthy Streets for London

The Healthy Streets Approach recognises the role that streets play in our daily lives and identifies the urgent need to make our streets more responsive, inviting and supportive of active travel, *"where walking, cycling and public transport are prioritised to create a healthy city."*

The approach uses 10 evidence-based indicators of what makes streets attractive places as identified on the diagram below. It is intended that many of the proposals contained within this public realm strategy will establish positive measure when assessed against these indicators.



Fig. Healthy Streets Indicator (Source: Luct Saunders)

City of London Transport Strategy

May 2019

The public realm proposals within this strategy delivers against the Transport Strategy aspirations and goals in this part of the City of London. The Transport Strategy vision statement aspires to:

'Streets that inspire and delight, world-class connections and a Square Mile that is accessible to all.'

The Healthy Streets Approach has provided the framework for the Transport Strategy which seeks to place improving people's health and their experience of using streets at the heart of transport decision making. This vision for the City Cluster acknowledges the coordinated approach required between public realm enhancement and transportation changes in order to achieve many of the shared objectives and rebalance the experience of walking, moving through or spending time within the City Cluster. Strategic proposals contained within the Transport strategy that closely relate to the public realm deliverability include:

- Increasing pedestrian priority streets and improved pedestrian crossings
- Providing more public space and delivering world-class public realm
- Incorporating more greenery into the City's streets and public spaces
- Reducing rainwater run-off on City street and public realm
- Ensuring street space is used more efficiently and effectively
- Using timed and temporary street closures to help make streets safer and more attractive places to walk, cycle and spend time
- Undertaking traffic management measures through the development of Healthy Streets Plans and targeting Local Zero Emission Zones for City Cluster by 2022

The Cluster today

The City Cluster, extending from Bishopsgate in the west and eastwards along Leadenhall Street and from Liverpool Street in the north to Fenchurch Street in the south, represents in many people's opinion the epicentre of the City of London. World-renowned as the centre of financial and insurance services, the Cluster continues to evolve and respond to the challenges and climate of the day, as it always has throughout its lifetime from early Roman origins to the contemporary area it is today. The Cluster is open to many new forms of industry and service providers who recognise not only the importance of address but also the distinctiveness of place.

The City of London alongside private landowners manage the streets and spaces beneath and around what are arguably some of the most recognisable and iconic architectural buildings in the world-class city that is London. As such, there is great expectation placed upon these elements of public realm to provide a seamless, welcoming and inspirational urban experience, offering streets and spaces that are safe, memorable and of a quality and capacity to accommodate a growing working and visiting pedestrian population. The Cluster's public realm is composed of a series of large public spaces, privately accessible open spaces and plazas associated with tall buildings, discrete historic churchyards and distinctive laneways and alleys, as well as a series of skyline roof terraces and viewing platforms. This rich tapestry of streets and spaces provides the template for this vision and its enhancement proposals.



Development change

Built development in the City Cluster covers just under 50% of the area and has evolved into a dense collection, or Cluster, of striking architectural tall buildings, many existing or planned to be over 50 storeys in height. Set against this architectural showpiece are some of the oldest buildings in the City, such as St Helen's Bishopsgate Church and St Andrew Undershaff Church, protected as Grade I listed buildings of around 1000 years in age. The adjacent diagram highlights those listed buildings which, by virtue of their protected heritage status and townscape contribution, offer a degree of permanence, stature and positive constraint on the adjacent public realm. Their contribution in terms of scale and character to the Cluster is considerable and many such buildings form clearly identifiable destinations in the area eg, Leadenhall Market.

The diagram also highlights the considerable areas of recent and consented built developments that will carefully coexist with the listed buildings in the area. Much of the Cluster has been reinvented since the turn of the century, stemming from and centred around the redesign of the now grade I Listed Lloyds Building at the axis of Leadenhall Street and St Mary Axe-Lime Street in the heart of the Cluster and complemented by the development of 30 St Mary Axe (the Gherkin). Furthermore the built elevations of Bishopsgate, Leadenhall Street, Bevis Marks and Fenchurch Street in particular are set to change dramatically over the coming decade. Greater prominence will be given to the grounding of such tall buildings and their contribution to the public realm. In and amongst this change, the listed churches and their churchyards offer a quiet permanence to the city's public realm.

- Grade I listed
- Grade II* Listed
- Grade II Listed
- Existing Built Development
- Built development (2000-2018)
- Under Construction development
- Consented / Proposed new development

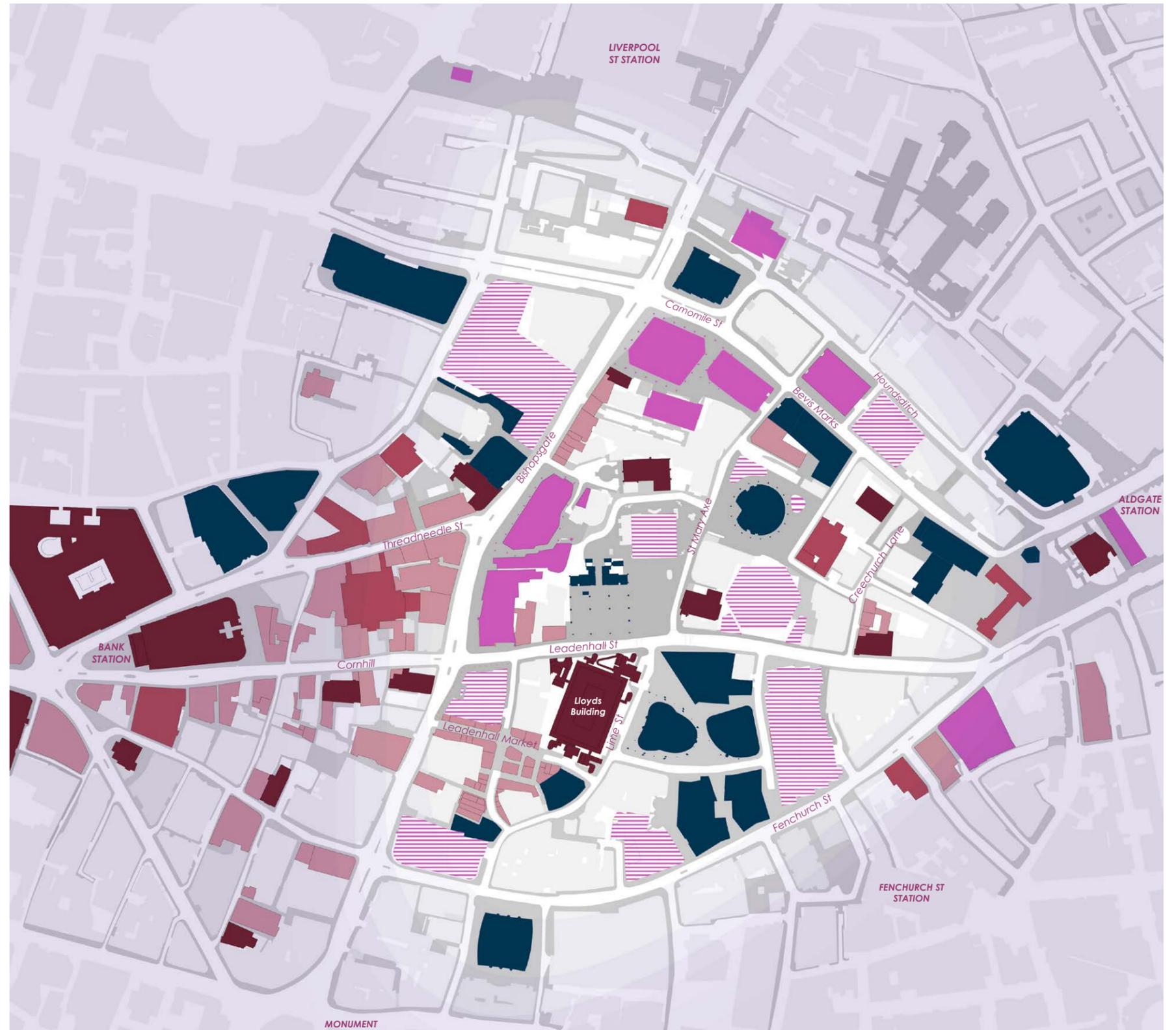


Fig. Listed buildings, recent and proposed built developments within the City Cluster

Development change

The ever changing nature of built development within the Cluster brings with it increased demands on available pedestrian space, often at the foot of tall buildings. A number of recent and consented developments will deliver better connected ground floor open space that is publicly accessible and will offer an enhanced high quality public realm experience in the form of:

- **New publicly accessible open spaces and plazas,** supported by active ground floor activities
- **New destination roof top experiences**
- **The design of new or historic connections** allowing good permeability and chance interactions along colonnades, cut-throughs and covered walkways



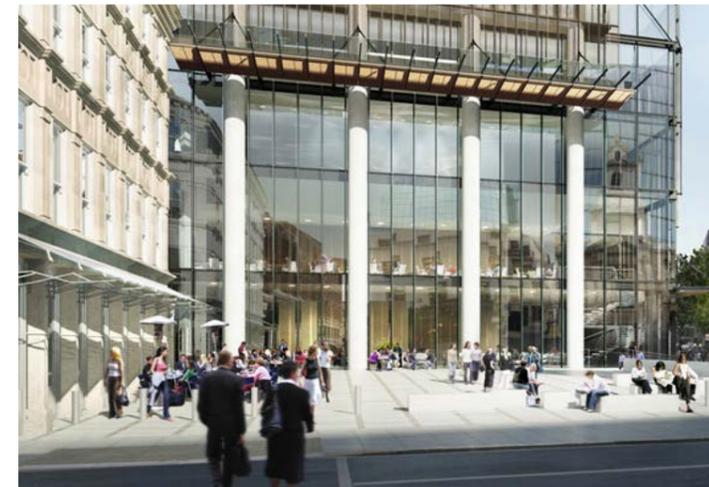
Existing galleria space, 122 Leadenhall Street



Proposed ground floor atrium and streetscape, 22 Bishopsgate



Proposed St Helens Square, 1 Undershaft



Proposed 1 Bishopsgate Plaza, 150 Bishopsgate



Proposed public realm associated with the Tulip, 20 Bury Street



The Garden at 120, Roof terrace, 10 Fenchurch Avenue



Covered walkway with interactive artwork, 10 Fenchurch Avenue



Existing Skygarden roof terrace

Fig. Recent and proposed groundfloor and rooftop publicly accessible open spaces arising from new development within the City Cluster

Pedestrian movement

It is predicted that pedestrian numbers will increase over the next 5-10 years with:

- The arrival of Crossrail (at Liverpool Street), and
- The development of a number of significant tall buildings within the Cluster

In the rush hour peaks, pedestrian volume is predicted to increase by over 1000 movements per hour on the following streets:

- 1 Bishopsgate
- 2 Camomile Street
- 3 Bevis Marks
- 4 St Mary Axe
- 5 Leadenhall Street

Predicted increase in pedestrian movement:
(Figures from Fluid Architects Stage 1 Audit 2017)



- Major rail stations / public transport nodes
- Key streets predicted to experience increased pedestrian movement
- Pedestrian Pinch-points
- Development under construction
- Proposed / Consented new development
- Connectivity zone
- Key transport connections

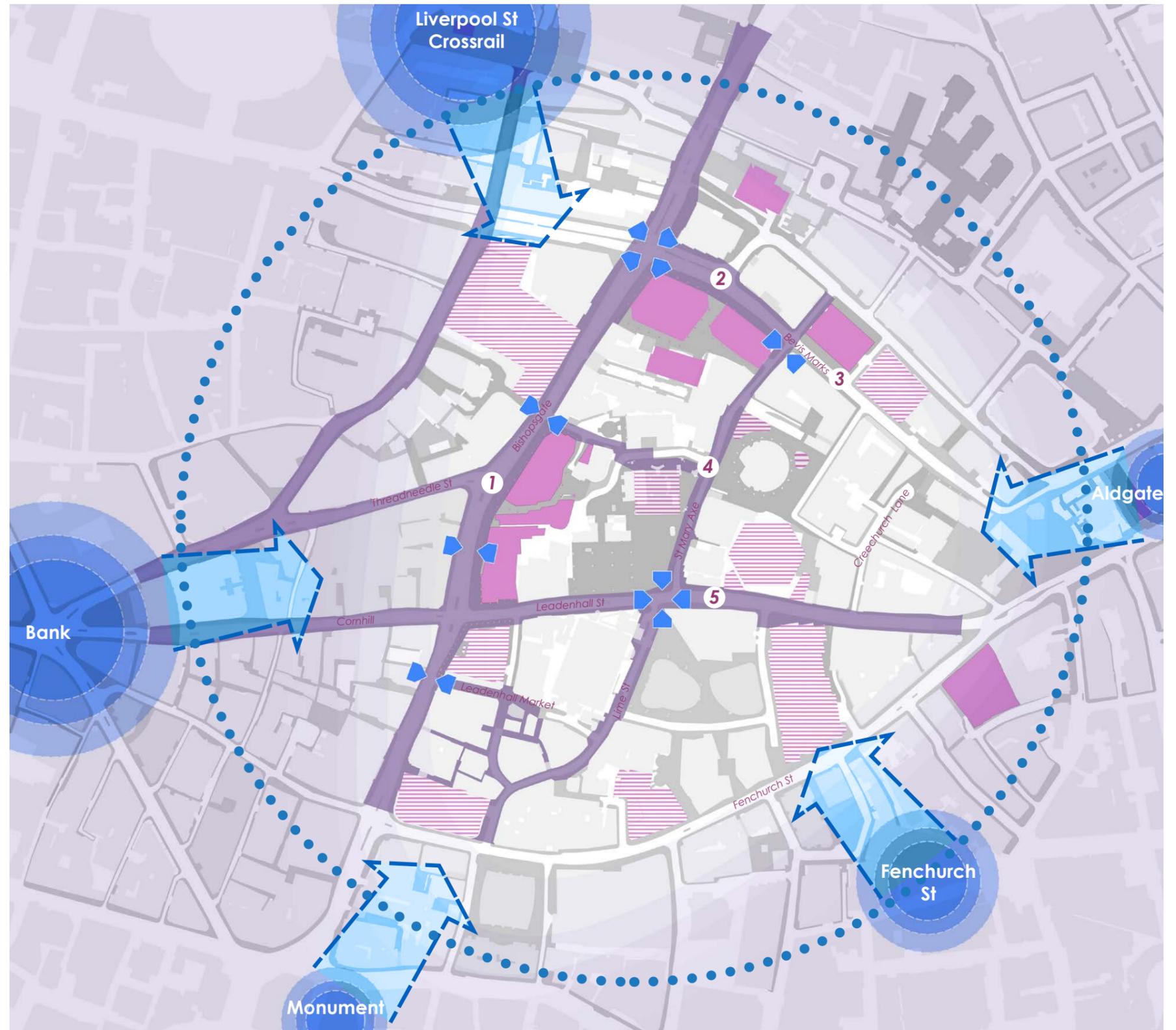
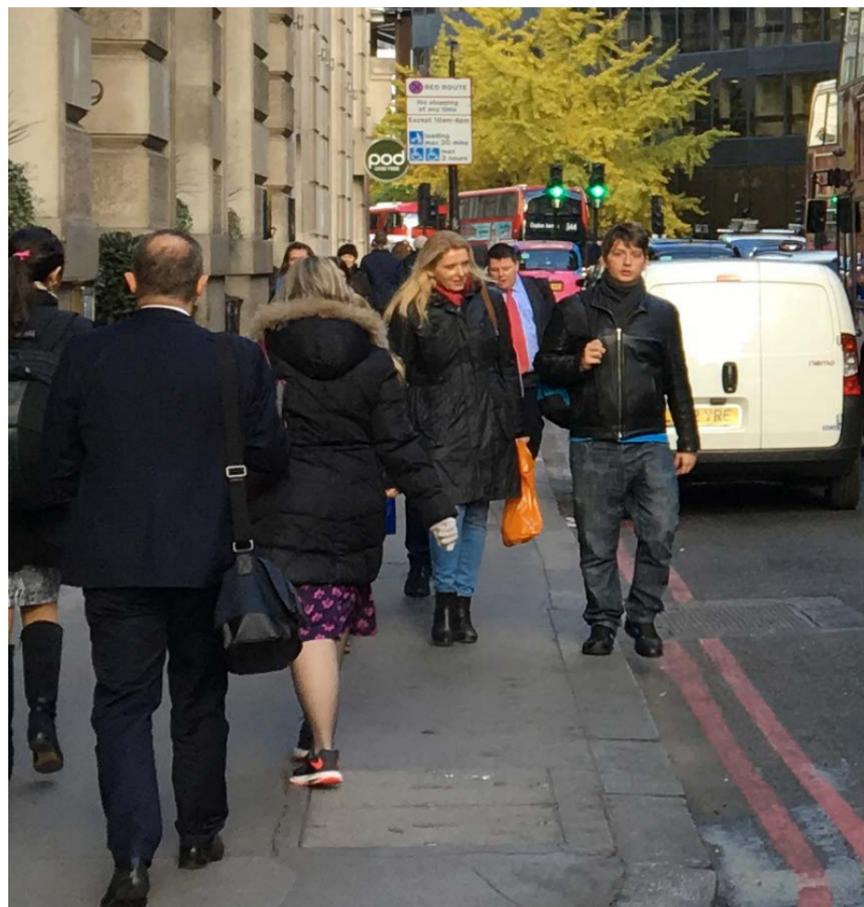


Fig. Predicted busy streets and pedestrian pinch points

Pedestrian comfort

These primary streets of Bishopsgate, Camomile Street, Bevis Marks, St Mary Axe and Leadenhall Street already experience uncomfortable points of congestion and conflict. In order to maintain safe pedestrian movements over the coming few years and provide sufficient space to accommodate the impact of new development, pre-emptive and in some cases radical decisions will need to be made. This may mean that significant increase in footway and/or timed closures of streets width to safely accommodate the expected increased in footfall during busy periods, as highlighted on the adjacent indicative footway sections informed by Transport for London's level of comfort criteria. The City's Transport Strategy aims for all pavements to have a minimum pedestrian comfort level of B+. It is recognised that this may not be achievable in the Cluster so a proposed level of C+ is suggested.



Existing congested footway along Bishopsgate
growthindustry



Existing



Predicted



Proposed

Fig. TfL Pedestrian level of comfort criteria summary



Fig. Potential footway width increases to accommodate predicted pedestrian increases

Background reports

Many of the issues highlighted and subsequent design proposals contained within this area enhancement strategy have been informed by a number of reports and consultation events as follows.

Stage 1 Analysis and Stakeholder feedback, carried out during 2017 by Fluid, in collaboration with Arup and Alan Baxter Associates, and capturing a round of stakeholder consultation comments and aspirations affecting the future of the Cluster.

City Cluster: Urban baseline study through pedestrian movement, produced by Space Syntax, June 2017

Experience the City programme, produced by Lacuna October 2018 (see appendix)

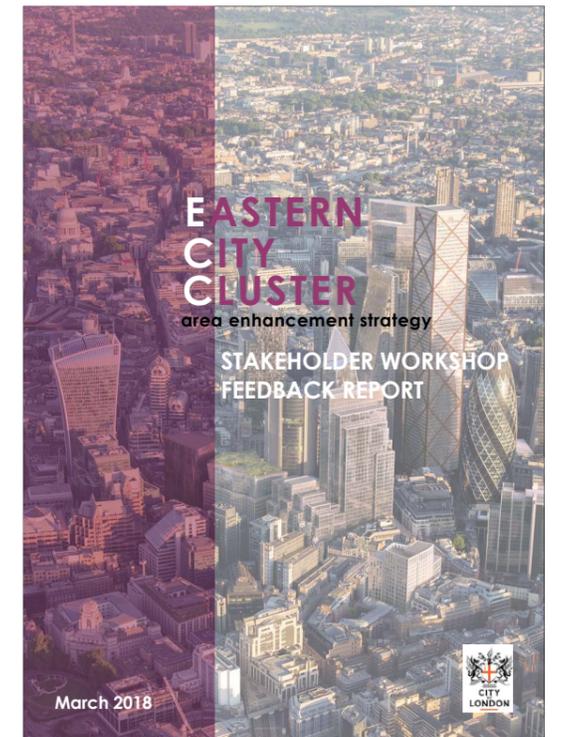
As part of this Stage 2 vision process, Growth Industry have worked closely with Lacuna, as creative project consultants appointed to develop an Activation programme in parallel for the City Cluster. This report integrates many of the activation aspirations which are seen as integral and complementary to any public realm enhancement proposals.



Pedestrian Movement Model
City of London

Eastern Cluster:
Urban baseline study
through pedestrian movement
Draft 02_R3
June 2017

Space Syntax



Public Consultation Feedback

Introduction

A public consultation on the draft City Cluster Vision, was undertaken during 2017 and 2018 to inform the development of projects which will result from the vision, and in particular to ensure that the proposals respond to the aspirations of local stakeholders and the projected increases in working population and office development.

It has been estimated that by 2026, an 85% increase in the City's workforce will take place in the Eastern Cluster, with a predicted day time population of 98,000 people. The vision is intended to serve as a framework for the delivery of public realm enhancements to streets and spaces, aimed at accommodating future growth and will deliver against the aims for the Transport Strategy in this part of the City. The vision's goal is to deliver an improved, and fit-for-purpose pedestrian environment that responds to the changing demands of the area and delivers a positive pedestrian experience, whilst supporting the City Cluster as a thriving place to work, visit and live.



Stakeholder Consultation sessions

Public Consultation: process

The public consultation process was structured in two distinct stages:

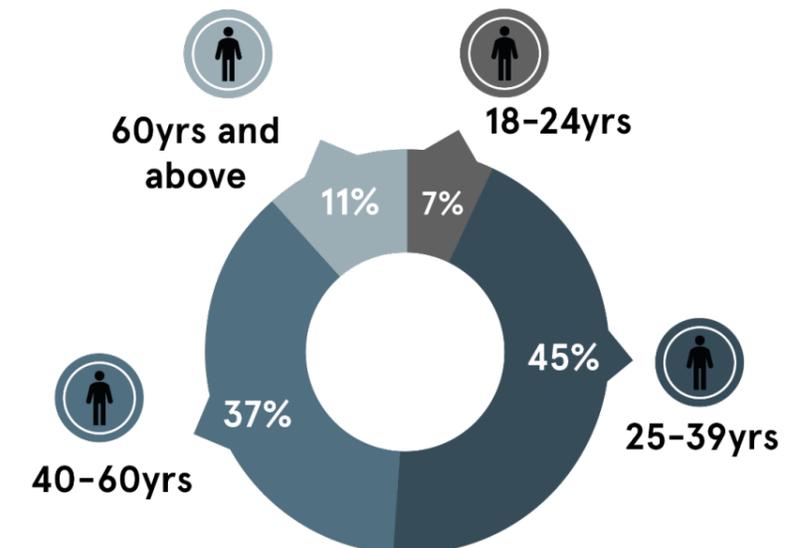
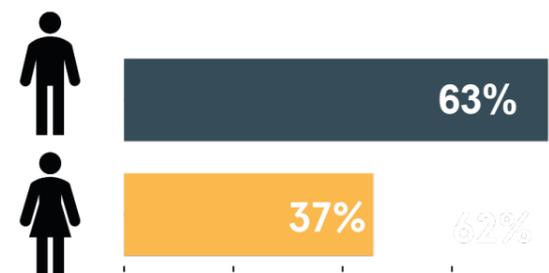
Stage One (March 2017 – March 2018):

Early engagement was held with key stakeholders and occupiers through a number of workshops and meetings, to shape the vision, objectives and strategy proposals. This initial phase helped to ensure that the resulting project proposals were appropriately focused and prioritised.

Stage Two (March 2018 – October 2018):

Wider public consultation was undertaken with workers, residents, visitors, and occupiers by various methods, to communicate the proposed vision for the area, and gather a broader range of feedback. Responses to the draft vision were generally supportive of the various initiatives intended to provide an improved, functional and high-quality street environment. The following section outlines the themes and comments provided during the consultation period and summarises the results of the survey.

Respondent profile:



Public Consultation Feedback

The following consultation methods were implemented:

1. Digital consultation platform;

A webpage was created to consult the public on the proposals. The platform included details on the vision and objectives of the City Cluster Vision and presented concept proposals for the area. Users were invited to complete an on-line survey, to evaluate the level of support for each proposal, and to capture user profiles in the area (age, gender, purpose of visiting the area, concerns). The platform was intended to reach a wider audience, and to obtain feedback from a broad range of user profiles.

- In total 315 responses to the online survey were received.
- Digital platform: www.easternclusterarea.london



Public consultation website: www.easternclusterarea.london

2. Information brochure;

A printed leaflet containing details of the consultation process and project proposals was produced, and distributed amongst City of London libraries, The City Centre and Guildhall receptions.

3. Consultation drop-in sessions; A total of 6 sessions were organised by the City Public Realm Team, giving local stakeholders the opportunity to meet face-to-face with City representatives, ask questions about the vision, and to provide feedback. These sessions were facilitated by local building owners including 122 Leadenhall Street and Leadenhall Market.

4. Meetings with key stakeholders and occupiers in the area; A number of meetings were held throughout the consultation period to present the vision proposals, and discuss specific objectives set out in the document. Sessions were held in various locations within the City Cluster, including the following:

- Meeting with tenants and **building representatives from 30 St Mary Axe** (10 July 2018): City of London officers presented an overview of the strategy to the tenant representatives and discussed project opportunities. (25 attendees)



Information brochure

- **Bishopsgate Ward stakeholder meeting** (21 September 2018): In collaboration with Bishopsgate local Councillors, a lunchtime session was organised to engage with occupiers and building owners in the Bishopsgate Area. The meeting provided an overview of the City Cluster Vision and the Vision and Objectives of the Transport Strategy. (55 Attendees)

5. The City Architecture Forum (CAF) and The City Property Association (CPA):

Engagement with these groups is on-going, to ensure that the strategy responds to the needs of the local community and reflects the aspirations of stakeholders.

- www.cityarchitectureforum.org
- www.citypropertyassociation.com

A breakfast seminar was also organised jointly with The City Property Association;

- City Property Association – Seminar (17 July 2018): This event featured a panel discussion, in addition to presenting the proposals to CPA members.

6. Formal written representations: In total 21 formal written responses were received from occupiers and building owners in the area. A summary of the key points raised is included in this document.

7. The City Centre; A series of events and talks were organised over the summer (July-August 2018) to share the details of the vision with the public and promote the public consultation exercise.

8. On-street surveys; The project team collaborated with Living Streets to consult the public on the proposals. On-street pedestrian surveys were undertaken in August to gather feedback from the local workforce in the City Cluster.

Public Consultation: -Activation Programme initiatives-

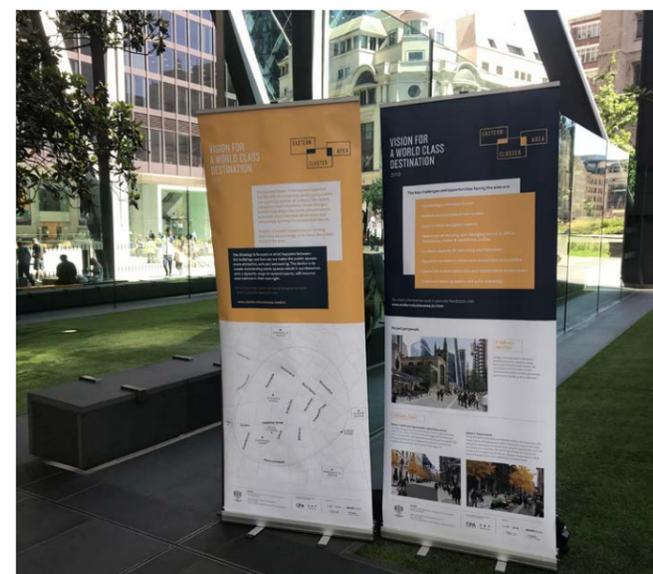
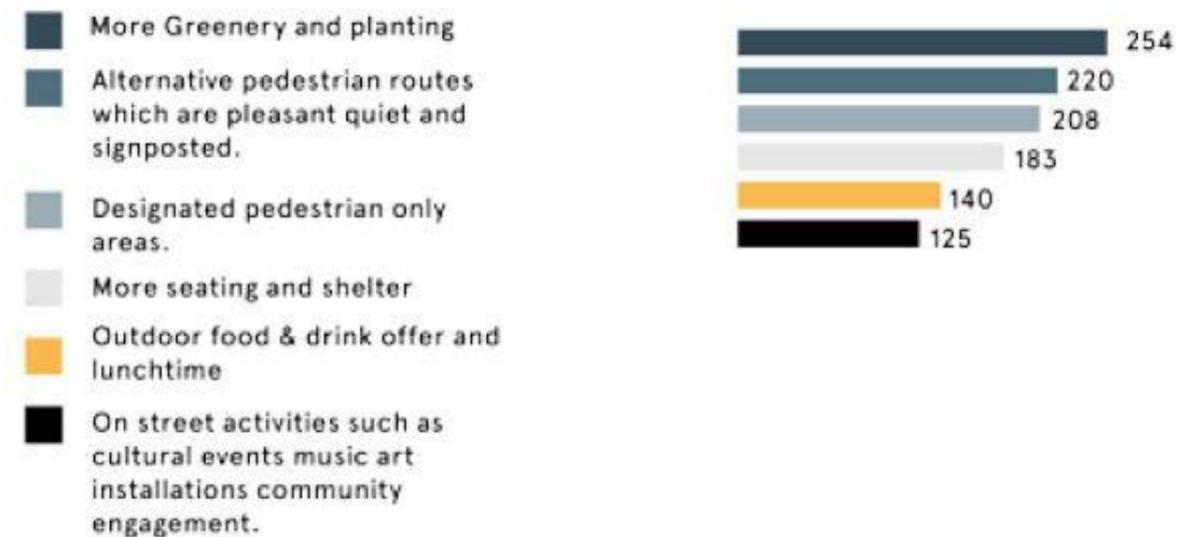
The public consultation exercise confirmed that local businesses strongly supported the vision for the area and various project initiatives. The consultation reinforced the local support for **an activation programme** as part of the vision, in particular for activities and innovative temporary interventions and events

In summary, the following key aspects were raised:

- Support was expressed for an activation programme which is tailored to the specific needs of the area's daytime population that would bring people together, breaking barriers 'between buildings'
- It was expressed that an activation programme was essential for the area to remain competitive as a world class destination and to support the changing trends in user demographics towards a more diverse workforce and a growing numbers of businesses and workers from a non-financial background, especially technology.
- Stakeholders have great expectations that an activation programme that would include a variety of experiences and innovative solutions to transform the streets and spaces. Technology enabled communication tools were seen as key to deliver succesful engagement programmes.

What would contribute to a better experience in using the City Streets and public spaces?

QUESTION 7



Public Consultation sessions

Public Consultation Executive summary

The City's vision for the area was regarded as ambitious, and also generally supported. The need to create a truly inclusive and healthy environment, which fosters social resilience and supports businesses, was identified as a key driver for change in the area. Proposals should support the interests of a diverse local user group, and aim to ensure that the Cluster remains a vibrant, dynamic and well-functioning neighbourhood.

Concept proposals should be responsive to the changing needs of the local community, and new methods should be trialled to verify they are achieving the desired outcomes, before being made permanent or rolled out.

Overall, the following four themes were widely supported by the local community.

A detailed public consultation report is available at www.cityoflondon.gov.uk

Delivery of an improved walking environment

Overall there was significant support for pedestrian priority initiatives which will accommodate increasing numbers of people, whilst considering other road users including cyclists, and the needs of local businesses. A flexible approach to street enhancements is required, to enable the area to continue to flourish as a business, visitor, and cultural destination.

In summary the following three principles were widely supported:

- The consideration of widening of footways to accommodate pedestrians.
- The introduction of raised carriageways areas and the introduction of high-quality materials.
- The evaluation of radical solutions, including pedestrianisation or timed closures of key routes to deliver a fit-for-purpose urban environment.

Rebalancing streets to reflect user needs

Rebalancing of street capacity was widely supported throughout the consultation, with the long-term aim of providing more space for pedestrians, by means of reducing vehicles and introducing pedestrian priority areas. In principle, the introduction of consolidated servicing and deliveries was supported and seen as a positive step forward to ensure the area is resilient and can accommodate the projected increase in daytime population. Smart solutions to deliver the vision should be explored in collaboration with local stakeholders to ensure that proposals are suitably flexible and enable the area to continue to operate.

In summary the following three principles were widely supported:

- The consideration of timed closures at peak times
- The introduction of traffic calming measures, to reduce vehicle dominance and improve pedestrian safety and flows.
- The introduction of alternative security measures to provide integrated HVM solution.

Radical change implemented within shorter timeframes

The trialling of innovative solutions was supported as a mechanism to deliver change and inform long term solutions. The overarching ambitions to improve the area were widely supported, and stakeholders expressed the desire for the City to deliver improvements over shorter periods of time. Activation projects and the introduction of greenery were seen as initiatives to deliver an attractive and positive environment, whilst enabling the area to secure its position as world class business and visitor destination.

Streets and spaces are vibrant, attractive and green

The introduction of greenery, and improvements to secondary routes, were perceived as initiatives that can deliver an improved pedestrian experience and healthy inclusive places. The provision of well-designed and welcoming public spaces, which are enhanced by cultural amenities, provide spaces for agile working and variety of uses to cater for a diverse working/visitor/residential population were strongly supported.

Summary: Future challenges and considerations

The public realm within the City Cluster is expected to accommodate a significant increase in pedestrian numbers over the coming decade which, when combined with more development and changing modes of transport, will greatly affect:

- the daily life and demands of the City's streets and spaces
- the existing and new movement patterns
- the environmental quality
- the actual and perceived security of these busier spaces
- the ability of the area to accommodate the impact of the development

In summary, the City Cluster faces a number of challenges over the coming years that will be affected by;

- **Increased pedestrian movement and working population**
- **Declining environmental quality and lack of open space**
- **Changes in development construction, servicing demands and working practice over the coming years**

Increased pedestrian movement and working population

More people

The working population is set to increase by around 60-80,000 people over the coming decade, with the arrival of Crossrail at Liverpool Street station bringing more workers in to the Cluster. The strategy will seek to support this increased working population with safer and more accessible footways and open spaces, with better and more logical crossing points and connections.

Increasingly busy streets

Pedestrian footfall is the lifeblood of the City of London, historically offering engagement and interactions supporting the financial and insurance industries. With an increasing pedestrian population, a better balance needs to be found between vehicle and pedestrian space in order to ensure safer footways and crossings points. Such measures will support London's "Vision Zero" policy which aims to achieve a highway network with no fatalities or serious injuries involving road traffic. Outside the busy working week, the vision should consider measures to maximise the Cluster's potential to be a destination at weekends.

Ever developing skyline

The development floorplate is predicted to increase by around 50%, meaning a greater density of increasingly taller buildings within the Cluster. More viewing terraces and rooftop gardens will provide an increased number of attractions and architectural destinations and place greater demands on the adjacent groundfloor spaces in terms of retail attractions. Such developments will also require more secure protection of crowded places as well as required microclimatic mitigation measures to protect pedestrian comfort and safety in relation to wind and shading. It is not certain that without radical changes to the use of the area's streets and spaces that the City Cluster can continue to accommodate the impact of the future development.

Declining environmental quality and lack of open space

More precious urban spaces

Urban open spaces form a vital release valve and counterpoint to the busy streets and reinforce the sense of collective community and place within the Cluster. Such spaces will become more pressurised and more precious as a means of open space relief, escapism and enjoyment. Heritage spaces in the form of historic churchyards will continue to co-exist with contemporary architecture and should be enhanced.

Environmental quality

Many of the streets within the Cluster present higher than acceptable air pollutant and contaminant levels which result in poor environmental conditions for pedestrians and cyclists. A significant benefit of adopting the City Cluster Vision would be to achieve air quality improvements, with the perception and quality of spaces increasing through such measures as vehicle restrictions and urban greening initiatives in line with the City's Transport Strategy and Air Quality Strategy.

Maintaining /Protecting a World Class Destination

The City Cluster is a global destination for business and increasingly for visitors exploring its ever evolving skyline and spaces. It must ensure that the growing expectations from incoming tenants and workers are met, especially where demographics are rapidly changing, in terms of the quality and variety of spaces as well as enhancing the leisure and cultural offer available on site.

Changes in development construction, servicing demands and working practice over the coming years

Flexible streetscape management to enable construction

A flexible approach to the management of streets, including any pedestrian priority streets, should be considered for those streets affected by construction traffic for ongoing and proposed construction sites. Potential temporary opening of such streets where required to manage the impact of construction traffic may need to be considered subject to further project specific requirements.

Flexible working, change in hours and use of spaces

The nature of business and where it takes place is beginning to change with the introduction of new types of building design and meeting spaces, allied with new technologies which allow for different modes and times of working. A new flexibility in external spaces, such as providing the infrastructure to support these new ways of working, to reflect and respond to such changes will ensure the public realm remains attractive and appealing to business activities.

Impact of servicing and delivery vehicles

Critical to the success and efficiency of any urban area, the impact of an increased number of delivery and servicing vehicles on the streets of the Cluster provides an ongoing challenge to the capacity, safety and sense of place. Measures such as consolidation (including 'virtual consolidation' of preferred suppliers, bunching orders, and nominated carriers), controlled delivery times and more sustainable modes of transport in the years to come may significantly alter the balance away from congested streets. Any alterations and changes to current delivery practices that would impact existing business deliveries will require careful consideration and further consultations on a case-by-case basis. The implementation of the Transport Strategy and City Cluster Vision will work in tandem to address how these practices might change.

2

Vision

Strategic Vision
Vision Framework
Vision Objectives

Detailed Approaches

Streets as Places
Greening
Activation

Strategic Vision

“To provide an exceptional urban environment for a thriving world-class destination, where people feel comfortable and safe and the quality of the user experience is paramount.”

By 2029, the City Cluster will offer:

A Pedestrian priority core

celebrating the opportunities for public interaction in the heart of the Cluster through a series of continuous, safe and stimulating public spaces

Better Connections

offering more generous pedestrian space along the major historic streets that pass through the Cluster, supported by wider and more logical crossings as gateway points of entry aiding progression through the Cluster

More Resilient Streets & spaces

that are cleaner, greener, safer, more comfortable and stimulating with enhanced greenery, seasonality, climatic resilience, integrated security measures and more pleasant environment to spend time in

A Place to Gather

with an enhanced public realm offering during the working week and at the weekend, maximising and enhancing existing open spaces and seeking new open space contributions and improvements brought about by new development

A High Quality Activation Programme

that enables workers and visitors to benefit from a broad and varied selection of interventions and activities that test innovations, respond to the needs of the area at pace and continue dialogue with stakeholders about the future of the cluster.



Fig. Illustrative Masterplan

Vision Framework

The vision framework plan outlines how strategic improvements to key streets and spaces will create a better connected, more intuitive and rewarding pedestrian experience throughout the City Cluster.

Old routes are reinforced and new links are forged, regularly punctuated by public spaces that are both contemporary and flexible, as well as intimate and of distinct heritage.

Through reduction or removal of vehicular traffic with timed closures and more logical and generous crossings, proposed public realm enhancements will uplift and unify the character and quality of the streets, lanes and spaces in favour of pedestrian priority. This will deliver a fine and seamless network of high quality public realm that supports the life of the City.

A series of carefully curated cultural temporary interventions will be programmed to run alongside the changes to the physical space helping communicate changes and engage users in an innovative and smart way.

- Streets**
- Major streets to be enhanced
 - Existing streets and lanes
 - City streets and lanes to be enhanced
 - Junction improvements
 - Pedestrian crossing improvements
 - Future pedestrian connections
 - Principal streets for pedestrian priority/public realm enhancements
 - Connectivity zone and key transport connections
- Open spaces**
- Existing publicly accessible private space
 - Proposed publicly accessible private space
 - Existing public space
 - Public spaces identified for improvement:

1 St Helen's Bishopsgate	4 Jubilee Gardens
2 St Andrew Undershaft	5 Creechurch Lane
3 St Katherine Cree	6 St Peter's Cornhill



Fig. Framework plan

Vision Objectives

Three key overarching objectives identified below inform the vision for the City Cluster and the public realm proposals contained within this report. This City Cluster Vision will focus on a range of opportunities including the flexible use of streetscapes, healthy streets and improved wellbeing, with measures introduced to reduce the impact of climate change, increased capacity for pedestrians and improved cycle infrastructure and the creation of vibrant streets which cater to the changing demographics and working trends, offering integrated innovative solutions and smart technologies.

Enable positive growth		Enrich the sense of place		Create a world-class destination	
1	To make the public realm function well and be responsive to change.	2	To provide healthy and characterful spaces.	3	To create a smart and vibrant environment that strengthens the area's unique offer.
1.1	Ensure major routes to stations and key destinations in the City Cluster are able to accommodate the projected increases in pedestrian and cyclist flows. Provide new and enhanced routes for pedestrians.	2.1	Create public places of supreme quality that provide memorable experiences and reflect the status of the area.	3.1	Enhance the area's reputation as a world-class destination and leading centre for business, enriched by an improved culture and leisure offer.
1.2	Prioritise pedestrians over vehicles whilst supporting and allowing businesses in the City Cluster to flourish.	2.2	Reinforce the sense of place by celebrating the area's diverse character with its unique mix of renowned historic and contemporary architecture.	3.2	Deliver a series of smart innovations that will enable the City Cluster to thrive as a destination for business.
1.3	Increase the amount of public space, and create well-serviced and secure places to support agile working and lifestyle needs	2.3	Deliver successful public places that are welcoming, inclusive, safe and positively influence health and wellbeing.	3.3	Establish a collaborative approach to ensure a high standard of maintenance and coordination of activities and events.
1.4	Deliver a framework of cultural activities that encourage people to occupy existing and new public spaces	2.4	Produce site-specific cultural interventions that encourage active engagement and public participation	3.4	Build on the success and reputation of City Cluster cultural initiatives, notably the award-winning Sculpture in the City

Vision Objectives

A series of area-wide strategic opportunities emerge, informed by the vision objectives as follows:

A Pedestrian priority core

Over the centuries, the historic network of streets and spaces have played a significant role in supporting the economic and commercial lifeblood of the City, none more so than those within the City Cluster. At the historic centre of the Cluster lies the crossroads of Leadenhall Street, St Mary Axe and Lime Street. These streets in particular offer iconic global addresses that are instantly recognisable and commercially attractive today, and as a set of streets regularly frequented by city workers and visitors alike, they engender a collective sense of community at the core of the Cluster today. Their ability to connect and allow for interactions on a regular basis throughout the working day is undiminished and their continued activity and bustle is representative of the success and character of the area.

A core objective of the strategy is to reinforce this important crossroads to enable easier, safer and more responsive interactions between major financial institutions and attractions in the area and define a pedestrian priority core. Major public realm enhancements and pedestrian priority measures are to be focused on the historic routes of Leadenhall Street and St Mary Axe - Lime Street to provide greater pedestrian space, more frequent crossing points and a more active, greener and more social pedestrian realm.



Pedestrian priority space (Almere, Holland)

growthindustry

In addition to this key crossroads, the centre of the City Cluster is defined not only by a Cluster of modern tall buildings but also by a series of associated, generously proportioned open spaces that, whilst privately owned and managed, are publicly accessible. Spaces such as St Helens Square (at the foot of 122 Leadenhall Street and 1 Undershaft) and the plaza at the foot of 30 St Mary Axe (The Gherkin) provide the canvas for active and engaging public life to flourish and are supported by a range of social and cultural activities and events.

The strategy acknowledges and supports the important spatial contribution offered by such large, high quality open spaces in terms of outdoor gathering, informal meetings, events and activities alongside the relief provided by greenery within the ever developing Cluster. A series of smaller secondary open spaces in the form of significant heritage churchyards, new public spaces, widened footway setbacks and outdoor foyer spaces further enrich this tapestry of open space animation. The strategy seeks to enhance these valuable open spaces further.



A social, playful public realm (Royal Festival Hall, Southbank, London)

Increased Urban Greenery

The presence of street trees and green open spaces within the City Cluster provide a valuable sense of space and act as natural beacons within the ever developing city. These green interventions, increasingly supported by new green roofs, terraces and walls provide vital spaces of relief and ecological connectivity and serve to successfully soften the urban environment, providing a natural human scale.

What is increasingly recognised is the significant role that urban greenery has to play in positive environmental mitigation strategies, in response to and reducing the impact of climate change. Benefits include enhanced local biodiversity and wildlife connectivity, improved air quality, localised wind and solar mitigation and sustainable urban drainage solutions. Evident greening interventions also provide a visible commitment to improving the urban environment for all users and their physical and mental wellbeing, as well as increasing the attractiveness of an address.

A core objective of this strategy is to acknowledge **the pivotal role that urban greenery can play in positively transforming the built environment**. The strategy will support and identify a range of green infrastructure measures that will aid natural wayfinding, wellbeing, environmental and spatial enhancements.



Sustainable roadside planting (Boulogne-Billancourt, France)

Vision Objectives

Nurture distinctive quarters

Whilst the primary streets and spaces within the City Cluster convey the majority of pedestrian movements throughout the day, in between these streets are a network of secondary streets, lanes and connective alleyways which provide alternative routes through the Cluster. Two areas of note include Leadenhall Market and the Creechurch area.

A core objective of the strategy is to reinforce these areas and reconnect with the immediate area to provide characterful and connected public realm. The strategy acknowledges the thriving destination of Leadenhall Market and seeks to encourage its activity, events and expansion into adjacent streets to reaffirm this quarter as the principal retail and cultural destination within the Cluster and extend its appeal and capacity for events beyond the working day and into the weekend. Similarly, the potential to nurture and enhance the character and appeal character of Creechurch Lane area into a complementary urban quarter is recognised.



Cafe culture (Sint-Niklaas, Belgium)

Streets as places

It is clear that the predicted pedestrian increases over the coming decade will exert greater demands on the public realm within the Cluster in terms of pedestrian comfort, safety and capacity, as well as the ability to respond to the multi-layered social and cultural use and demands of such spaces. The Vision identifies a range of public realm enhancements to both streets and spaces that offer a proactive plan for change, pre-empting and guiding development and pedestrian movement changes.

A core tenet of this Vision is to address the imbalance that in the first instance exists between footway and carriageway. Whilst a balance between all users of the streets is required, the changing trends in modes in transport is to be acknowledged in any enhancement proposals to create a flexible, adaptive public realm. This strategy will promote a **flexible use of streetscapes**, in the interim and permanent scenarios to ensure maximum safe use of the public realm is achieved.



Temporary transformation of New York's Times Square "Cool Water, Hot Island" by Molly Dilworth

Vibrant Streets

The public realm has a considerable role to play in nurturing the future working and cultural life of the City Cluster, not only in the creation of world-class streets and spaces that will cater for increased numbers of workers and visitors but also in the potential for flexible, outdoor working. High quality animated public space is an increasingly important factor in business retention and investment in the area and opportunities exist to further exploit the potential of outdoor space beyond the significant environmental and social values currently employed.

This Vision seeks to encourage a **responsive, adaptable public realm** where business activities can exploit an enhanced capacity of the streets and spaces, adding to the sense of place and buzz of the area. Harnessing secure, remote technologies allied with the continued benefits of face-to face interactions naturally extends the working environment beyond the buildings within the Cluster and the public realm will need to respond with increased provision of seating and gathering opportunities, supported by wifi technology.

Animation of the public realm will also be provided through public/private partnership by an **activation programme** that seeks to celebrate the opportunities for cultural public interaction within the series of continuous, safe and stimulating public spaces of the Cluster.



Southbank temporary urban greening. "The Queen's Walk Window Garden" by Wayward

Streets as Places

The strategy outlines opportunities to rebalance the public realm of the City Cluster to enhance the pedestrian experience and sense of place. Approximately half of the existing dense urban structure is given over to building footprint with limited available open spaces, so design proposals are required to creatively explore the balance between footway and carriageway space in order to realistically increase the safe pedestrian capacity of the streets. A range of options are to be considered to enhance the streetscape within the Cluster as outlined below.

- Footway expansion
- Raised carriageway
- Timed closures / Pedestrian priority
- Street closure / Pedestrianisation

In support of these enhancement options, appropriate cultural activities would be devised to amplify the impact of the positive changes to the physical environment and encourage people to occupy the space temporarily or seasonally, to allow an appreciation and greater understanding of the potential and flexibility of newly created pedestrian space.

Considerations

The selection and application of the most appropriate public realm response is dependent upon a number of considerations as follows:

Pedestrian movements and inclusivity

- **Pedestrian density and level of comfort**

A key driver for change is the lack of space on certain footways and the predicted unsafe capacity over the coming years. Footway widths (unimpeded) are to be assessed as well as the provision of alternate or additional routes to relieve pressure on principal streets.

- **Pedestrian safety**

The location, status and general busyness of a street, allied with adjacent buildings and attractions, are considerations when reviewing the relative risks posed to pedestrian safety from vehicle borne attack. Streetscape enhancements should consider overall capacity of streets and spaces as safe gathering places. Additionally, furniture elements as integrated,

defensive features may be placed not only to deter vehicle movements and reduce speeds, but also to provide elegant, multi-functional furnishing of the street for the benefit of all users.

Vehicular movements

- **Traffic movements**

Streets are the primary network for traffic movement throughout the City and any alterations to movement flows and changes need due consideration to be given to the impacts and pressures of any re-routing or impediment to traffic. Highways resilience and the ability to temporarily open/re-open routes may be important. The provision and management of on street parking and pick-up/drop-off bays are often business critical (for disabled users and visitors) and an assessment of the capacity of streets for such access and use will be required.

- **Cycle movements**

With a predicted increase in cycle movements, parking and storage, the accommodation of cyclists within the streetscape and their safe coexistence with other road users is increasingly important. Considerations of reduced speed limits, cycle lane designations and surface finishes are required, with cycle courier access maintained for deliveries (including possibly electric assisted bikes).

Heritage and Townscape considerations

The townscape character and quality of a street, its proportions and composition are to be considered when developing enhancement proposals. The grain, alignment, historic material finishes and features as well as historic street names often provide the essential sense of place to be enhanced and interpreted as part of any proposal.

Emergency, Delivery and Servicing access

Any street design must accommodate the spatial and access requirements of the emergency services and avoid cluttering up the streetscene in order to maintain safe clear routes. The frequency and timing of deliveries within the streets presents an ongoing challenge to achieving a balanced pedestrian environment. Considerations for integrated management of such deliveries include footway loading bays and transfer of deliveries to different modes of transport for the last stretch of the delivery route.

Footway expansion - Reclaim the kerbside

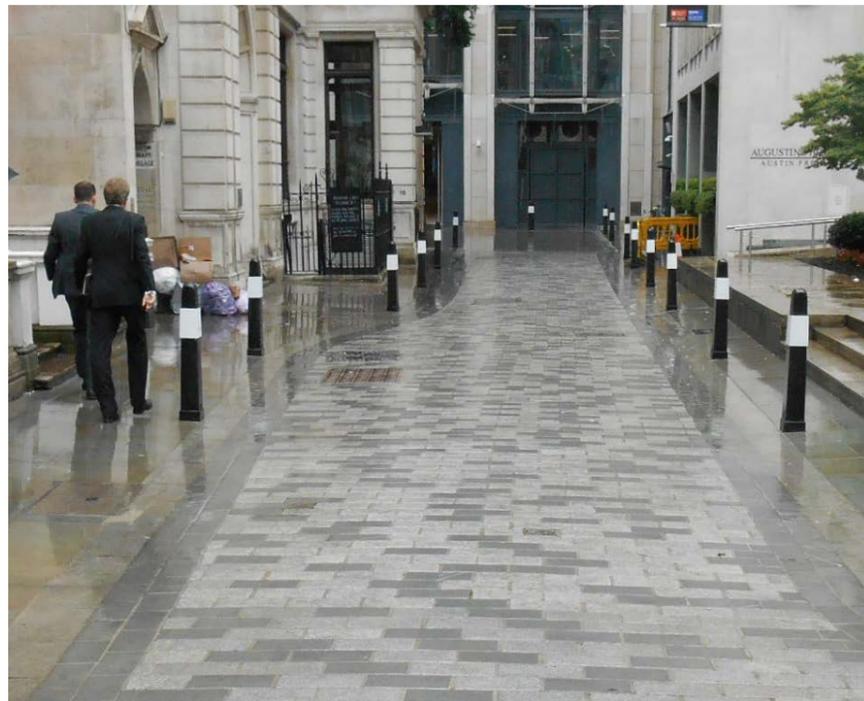
As a minimum, enhancements will seek to extend footway space into available carriageway space to ensure a safer and more capacious pedestrian realm is delivered. Any street furniture, tree planting and other public realm elements are to be considered and arranged carefully to not impede pedestrian flows. Footway widening often absorbs delivery loading bays, parking bays and establishes raised pedestrian courtesy crossings to side streets to maintain pedestrian flow along the street. Carriageway definition is maintained by standard highways asphalt finish and contrasting kerb upstand with pedestrian crossings (controlled /uncontrolled) marked with appropriate tactile warning and signage.



Cheapside - significant footway gains, integrated loading bays and raised crossovers

Raised carriageway

The introduction of a raised carriageway begins to rebalance the street in favour of pedestrians, whilst still allowing vehicular access along a defined carriageway. Raised or paved carriageways are a familiar feature within the smaller streets and historic lanes of the City and their application depends on the level of pedestrian and vehicle intensity allied with available safe width and proportions of a space. The high quality City public realm palette has developed a recognisable design language of contrasting kerbs, in some cases retained and on historic alignment, supported by darker granite setts as flush trim to denote the transition between footway and carriageway. Options exist for different random granite setted colour mixes for carriageways depending upon local context i.e conservation areas. Tactile hazard warning is required at designated crossing but due to the flush nature of the finished surface, general pedestrian movement can occur across the street space. The introduction of bollards requires careful consideration to not add clutter to the space.



Austin Friars - raised setted carriageway

Timed Closures / Pedestrian priority

The designation of a timed closure to a street firmly elevates a change in status to that of a pedestrian priority during certain operational hours, whereby vehicles are excluded from entering the street space. Timed closures are often used in conjunction with enhancements such as raised granite carriageways to create a fully expansive traffic-free pedestrian experience. The managed nature of these closures, either through signage and monitoring, or physical retractable/removable barriers, ensures that a flexible approach is taken to the street management, with hours of operation to be agreed to meet the demands of a particular street i.e. frequency of delivery and loading access.

The benefits of timed closures within the City Cluster would be to respond to the envisaged increase in pedestrian footfall during the working day and promote opportunities for the flexible use of outdoor space whilst acknowledging the need to reduce and consolidate the frequency and impact of delivery vehicles. Temporary trials can be effective in determining the success and adoptability of a timed closure to any street.



Wallbrook - timed closure and pedestrian priority

Street Closure / Pedestrianisation

The closure of sections of street present the maximum public realm gains in favour of pedestrians. Dependent upon agreed rerouting or removal of traffic (except emergency vehicle requirements), this approach would provide radical transformation to any streetscape environment and allow such spaces to be furnished and programmed accordingly as effectively pedestrianised public spaces. Such an approach may be considered where the environmental quality, pedestrian safety or settings to significant buildings are being degraded by traffic impacts and density. Temporary closures may be adopted to assess the impact of this approach.



Vienna, Austria



Boblingham, Germany

Greening

Increased greenery is a key objective for the City Cluster and this strategy seeks to actively promote the positive greening of streets and open spaces to provide:

- a cleaner and more resilient urban environment
- an enriched sense of place that is welcoming, pleasant and memorable
- enhancements to the natural charm of heritage spaces such as churchyards
- enhanced natural wayfinding into and around the Cluster, using greenery to act as natural markers and indicators of pause space and enjoyment.
- active participation and immersion in natural spaces

These ambitions for urban greening are outlined in the draft City Plan 2036 which significantly supports the greening of the Cluster and City as a whole by proposing that;

'All new developments and refurbishments will be required to include a greening element to the building or public realm to contribute to improving biodiversity, rainwater run-off, air and noise pollution, temperature regulation, and making the City a more visually desirable business location.'

Consultation responses strongly support the need for enhanced greenery with comments in alignment with the **Healthy Streets approach** for London which states that;

"Introducing more trees and greenery creates more attractive public spaces, increases biodiversity and helps to mitigate the impacts of air pollution. Greener streets can deliver against all of the Healthy Streets Indicators and can contribute to London's resilience to the consequences of climate change, such as extreme weather events like flooding and heatwaves."

Additionally, *"creating people-focused streets and public places will contribute to the social and cultural life of the Capital"*.

Through the implementation of an activation programme through public/private partnership, there is an opportunity to showcase, as well as contextualize, this greening approach for the area with broader considerations around issues of sustainability, ecology, and wellbeing. This could include events ranging from artist interventions and heritage interpretation to workshops and discussions.



Bishopsgate tree planting

Fig. Examples of recent urban greening within the City Cluster



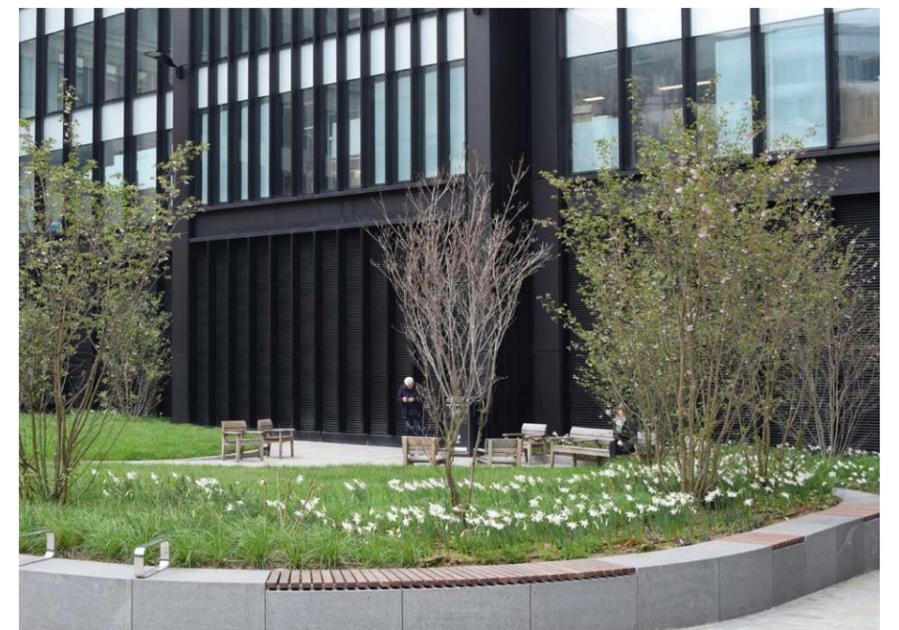
Roof terrace, Bevis Marks



Sky Garden



Aldgate Square



Mitre Square

Greening

The approach to greening for the City Cluster considers a range of natural interventions that seek to address and enhance the character of key routes and spaces as follows;

Primary pedestrian routes into and around the Cluster will be assessed for tree planting opportunities and open space enhancements, exploiting footway gains to establish green gateways and routes along pedestrian desire lines. Kerbside greening is to be explored.

Secondary pedestrian routes will benefit from regular greening interventions in the form of tree planting, planting beds (where space and pedestrian flows allow) and kerb side greening, to be accompanied with outdoor seating and work stations designed to support more agile, external working environment and cultural activities.

Tertiary routes and lanes to promote localised greening opportunities such as kerbside greening and permanent or temporary/seasonal parklets.

A range of greening opportunities to support public realm enhancements may be considered as follows;

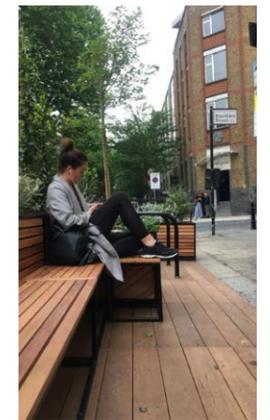
- **Street tree planting** in the form of avenues, localised tree groupings or individual trees of townscape significance
- **Sustainable urban drainage systems** in the form of rain gardens (to receive surface water runoff in to planting beds)
- **Enhanced green open spaces** o.g. churchyards and small greens
- **Small scale planters and planting beds**
- **Temporary greening** in the form of parklets and kerbside greening, to include pavement build-outs as temporary means to provide additional outdoor space and greening
- **Green roofs and roof terraces**
- **Green walls and screening**, including temporary hoarding opportunities during construction



Roadside greening and parklets



Parklet (Calvert Avenue, Shoreditch, Meristem Design)



Roadside greening (Oullins, Lyon, France)



Temporary pop-up gardens (Moor Lane, Studio xmpl)



Rain Gardens (The Broadway, Stratford, London, Newham Council)



Green walls (Portsoken Street, City of London)



Green roof gardens (Barbican, Nigel Dunnnett)



Green streetscape (Cours Seguin, Chavanne and Associates, Paris)



Townscape tree planting (New Ludgate, City of London, Gustafson, Porter+Bowman)

Fig. Opportunities for urban greening

Activation

Summary

The Activation Programme which is anticipated to be delivered through public/private partnerships is a series of culture, art and space activation interventions and trials that contribute towards positioning this part of the City as a cultural and visitor destination open to all, building upon the success of the established Sculpture in the City annual programme.

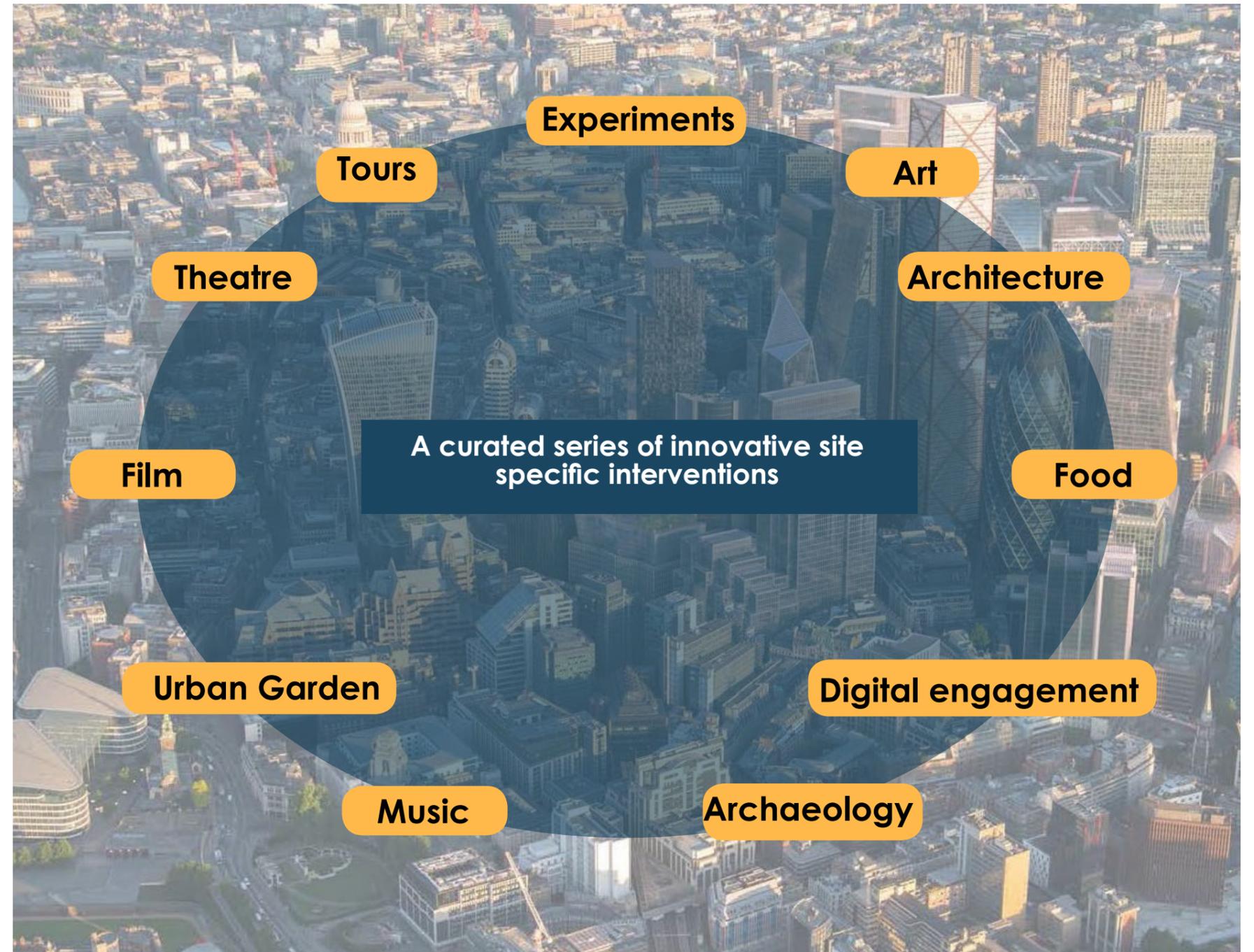
It is proposed that greening, trials to increase pedestrian space and improve safety and an activation programme will be the first elements of the Vision to be implemented. This approach will test innovations, respond to the needs of the area at pace and monitor their impact, understanding how people use the streets and spaces and informing the design development of the next phase of transformation.

Policy Context

The City has adopted a Cultural Strategy (2018-22) which aspires to reposition the City as a world capital for commerce and culture, harnessing the power of arts, heritage, learning and libraries to make the Square Mile far more open, creative, resilient and entrepreneurial. Culture and art are prominent net contributors to the economy of the City and have significant social impact in activating citizenship.

Key objectives from the Cultural Strategy (2018-22) which are relevant to the City Cluster Vision are as follows:

1. Transform the City's public realm and physical infrastructure, making it a more open, distinct, welcoming and culturally vibrant destination
2. Better promote our world class culture and heritage offer and use our wealth of outdoor spaces to widen its appeal to a more diverse audience, enabling communities in the City and beyond



Activation

The City has long been recognised as the financial and business district of London and the physical infrastructure of the Square Mile has grown to serve this primary function. However, there is a strong desire today to reposition the City as a centre for both commerce and culture, recognising that the area is also the historic centre of the capital and a vibrant cultural destination. In order to achieve this, there is a need to renew and reconfigure the public realm and make the City more open, welcoming, and conducive to all users' needs.



Heritage appreciation and archaeology



Group gatherings and cultural placemaking



Immersive arts, theatre and culture



Immersive arts., theatre and culture



Sculptural tours and appreciation



Performance arts and engagement

Activation

Benchmarking

A benchmarking exercise has been carried out that considers experiences from 12 case studies including other London boroughs as well as international examples to identify opportunities for an activation programme for the Cluster.

Looking at the experiences of the West Kowloon Cultural District in Hong Kong, the Highline in New York and, closer to home, King's Cross and Borough Market, a number of conclusions were drawn:

- The success of an initiative will strongly depend on building on the strengths and the assets that exist in the area as well as meeting the ambitions of the local stakeholders and audiences
- Projects need to be seen as authentic and coming from credible creatives who are passionate about their work and open to collaborations and outreach
- Investment in cultural activities is required to produce quality offerings with global reach
- An educational focus based on a key theme is important for uptake from curious audiences who want to be informed

Audiences want to be a part of something and actively involved and engaged. They want their culture to be contingent on them, not as consumers but as participants and contributors. In other words, the activity cannot happen without them; the audience are activators rather than passive observers. They make culture happen rather than culture happening to them.



LX, Lisbon



Borough Market, London



West Kowloon



Greenwich Peninsula from the Thames



The Highline, New York



The Highline, New York

Activation

Public Consultation

The concept of an activation programme was extremely well-received through the public consultation on the proposals held in summer 2018. City workers, visitors and residents are very positive about street animation, temporary art installations and outdoor programming on a more regular basis in order to add life and interest to the area.

Key feedback was as follows:

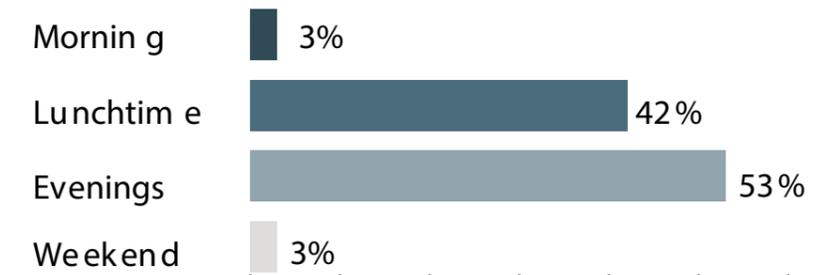
- Support for a programme that is tailored to the specific needs of the area's workers and would bring people together, breaking barriers 'between buildings'
- Such a programme is essential to the area remaining competitive as a world class destination especially as the demographics of the area continue to change rapidly e.g. a younger and more diverse workforce and growing numbers of businesses and workers from a non-financial background, especially technology.
- Popular activities and interventions include urban gardens, art installations, food and street markets and music, to be programmed preferably around lunchtime and evenings.

Public strongly support the following:



Public Consultation sessions

What time of day and week would you like to see these events happening?



Activation

Recommendations

The key recommendations are:

Strong leadership and framework

As a new initiative, it is important to establish a solid working framework that ensures an ongoing programme of activities and events in the area. The aspiration is to establish a multi-year programme which would facilitate a deeper level of engagement of local businesses.

Part of the public realm vision

To be effective and enable long term change, the activation programme must be integrated with the overall public realm proposals, so that all initiatives support each other in achieving the vision for the area. This is particularly important for the trialling and testing of new ideas and installations that can lead onto permanent changes.

Culture at your fingertips

Audiences expect culture to be omnipresent and readily available so it is essential that the sites selected are both accessible and also contain the element of surprise, bringing to light spaces that are overlooked or underused. Equally important is that the programme is communicated effectively in particular making the most of new technologies.

An authentic offering

The activities designed must be directed and steered to respond to the immediate and surrounding environment, making the most of the significant assets offered by the history and the present of the area.

Health & Wellbeing

Activation programmes have many spill-over effects, one of which is contributing to health and wellbeing, which is also an area where businesses are increasingly involved as a way to attract and retain talent. This creates a natural meeting point between the public programmes and business initiatives.

Strong leadership and framework



Part of the public realm programme



Health & Wellbeing



Culture at your fingertips



An authentic offering



3

Proposals

A series of project opportunities are outlined in the following section:

1. Jubilee Gardens- Houndsditch
2. St Mary Axe - Lime Street
3. Whittington Avenue
4. Bevis Marks - Camomile Street
5. Leadenhall Street
6. Great St Helens - Bishopsgate
7. Bishopsgate - Grachurch Street
8. Camomile Street/ Wormwood Street Junction
9. Threadneedle Street junction
10. Bury Street
11. Creechurch Lane Area

Proposals overview

In support of the vision, a series of public realm proposals and opportunities are identified and located on the illustrative masterplan diagram. Initial concept proposals are outlined in the following section in response to the perceived issues, objectives and consultation responses identified within this report. It is the purpose of the envisioned proposals to offer an aspirational character and a reinforced or new sense of place.

The proposals outlined will be subject to ongoing engagement, detail design works and the relevant surveys and technical assessments required. Refer to the proposed Delivery Plan in section 4 of this report for further information on proposed phasing and delivery.

The proposals are identified as follows:

- 1 Jubilee Gardens - Houndsditch
- 2 St Mary Axe - Lime Street
- 3 Whittington Avenue
- 4 Bevis Marks - Camomile Street
- 5 Leadenhall Street - incl Leadenhall Crossing
- 6 Great St Helens link - Bishopsgate
- 7 Bishopsgate - Gracechurch Street
- 8 Camomile Street - Wormwood Streets Junction
- 9 Threadneedle Street junction
- 10 Bury Street
- 11 Creechurch Lane Area



Fig. Illustrative Masterplan locating public realm proposals

Jubilee Gardens - Houndsditch

Jubilee Gardens occupies a south-facing plot off Houndsditch and forms a discrete and defined City Gardens green space within the City Cluster. It represents one of the few public open spaces on offer within the Cluster. The space offers good connectivity westwards on towards Liverpool Street station and St Botolph's Without Bishopsgate churchyard, eastwards along Houndsditch and the top of St Mary Axe and northwards via a couple of pedestrian alleyways to Devonshire Square.

The re-landscaping of Jubilee gardens will provide new space for dwell and leisure, by improving access, increased provision of greenery and supporting new working patterns.

Issues

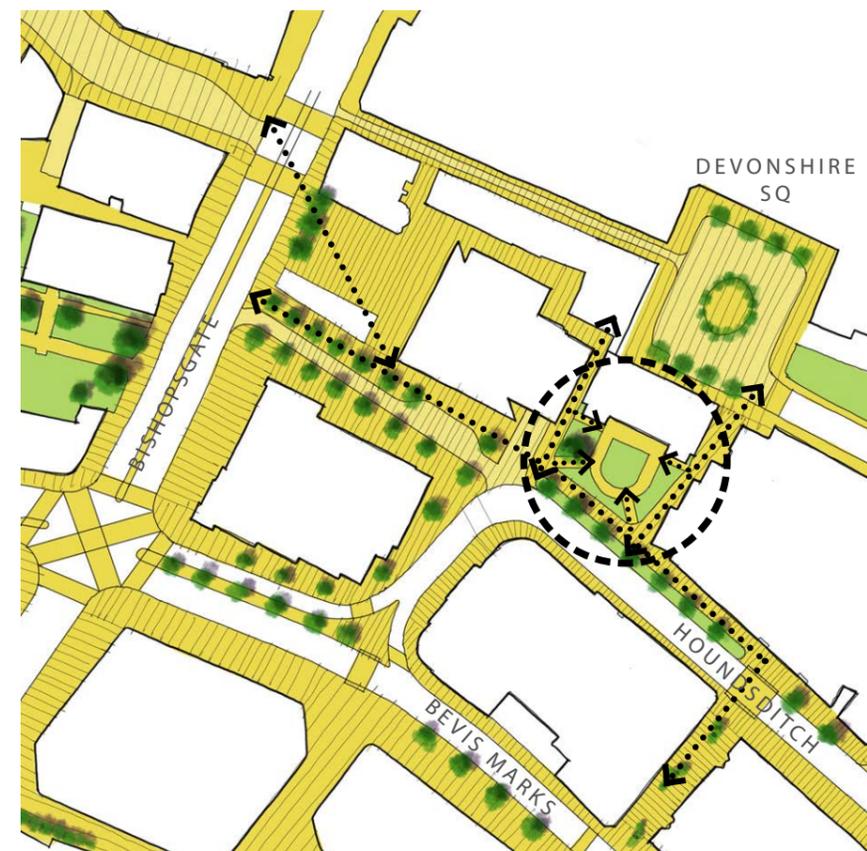
- The Gardens occupy land in front of a large substation with louvred facade ventilation overlooking the space
- There is only one single point of gated entry and exit to the space
- Level changes and louvred ventilation features/cabinets are built into the existing hard landscape design

Considerations

- Location of bus stands immediately outside the gardens at times obscures visibility
- Improved access points and inclusive levels design will open up the space for users
- Depth of substrate and loading for landscape features, including trees, will be a key consideration
- Access to and protection of substation utilities beneath and besides the space will be space critical
- Overshadowing from surrounding buildings will have an impact on microclimate and comfort within space

Objectives

- Uplift Jubilee Gardens space to become an attractive and inviting public green space
- Enhance the 'green gardens' appeal of the space
- Develop a landscape design response to include localised mitigation of noise and air quality
- Improve access into the space with enhanced opportunities for seating, gathering and supportive of new working patterns
- Extend the appeal of the space into the evening through innovative lighting design



Illustrative sketch opportunities plan for Jubilee Gardens



Within Jubilee Gardens looking west to St Botolph's Without Bishopsgate Church



Existing public realm around Jubilee Gardens with 1 Bishopsgate Plaza in background

Jubilee Gardens - Houndsditch



A refurbished Jubilee Gardens proposal presents a significant open space enhancement to link Bishopsgate with St Mary Axe

St Mary Axe - Lime Street

The primary north-south connection through the Cluster established by St Mary Axe and Lime Street forms an historic 'meander' and provides an address to a series of contemporary and historically significant buildings including the grade I listed St Andrews Undershaft church and Lloyds building, 30 St Mary Axe (*Gherkin*), 52 Lime Street (*Scalpel*), The Willis Building, Leadenhall Market and terminated to the north by 60-70 St Mary Axe (*Can of Ham*) and the south by 20 Fenchurch Street (*Walkie-Talkie*). In addition these streets benefit from the location of a series of large publicly accessible private open spaces including St Helens Square and open plaza spaces that mark the pedestrian heart of the Cluster. To many this axis, in particular around Leadenhall Street and St Mary Axe, marks the historic, commercial and cultural centre of the Cluster yet presents a missed opportunity to exploit the potential of this prime north-south route in the Cluster.

Issues

- Inadequate footway width presents pedestrian comfort and safety challenges during busy periods
- The crossing and capacity of the Leadenhall Street junction presents a challenge particularly during rush hours
- The one-way designation of St Mary Axe allows at times fast vehicle speeds and conflict with pedestrians
- Deliveries, drop off and motorcycle parking bays continue to adversely influence streetscape character.

Considerations

- A flexible approach to the management of streets, including any pedestrian priority streets, should be considered for those streets affected by construction traffic for ongoing and proposed construction sites.
- Any alterations and changes to current delivery practices that would impact existing business premises will require careful consideration and further consultations on a case-by-case basis.

Objectives

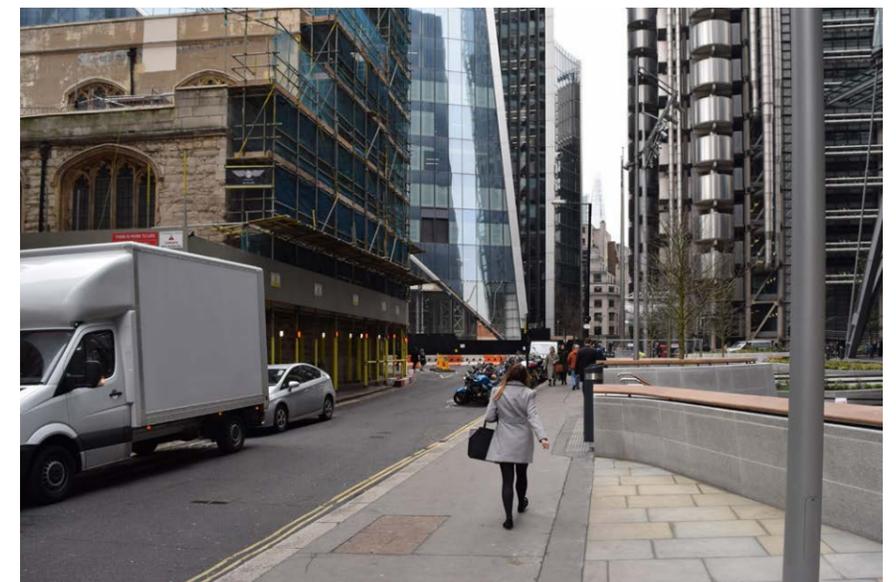
- Prioritise the pedestrian experience and encourage the idea of a 'medieval meander', celebrating and promoting social and cultural connections and outdoor activities and events to animate the streets
- Reinforce the historic crossroads of the Cluster through an expansive pedestrian crossing over Leadenhall Street
- Expand the planned timed closure along Lime Street further north to St. Mary Axe to promote a pedestrian priority axis connecting Fenchurch Street to Houndsditch during the daytime
- Explore options for raised carriageway and high quality streetscape finish to reinforce this important axis as a pedestrian priority spine
- Improve pedestrian crossings and connectivity across Bevis Marks, Houndsditch further north to Devonshire Square as an enhanced gateway to the Cluster
- Enhance the setting to the historic St Andrew Undershaft church
- Enhance the junction and east west connectivity with Undershaft.



Congested footway along St Mary Axe



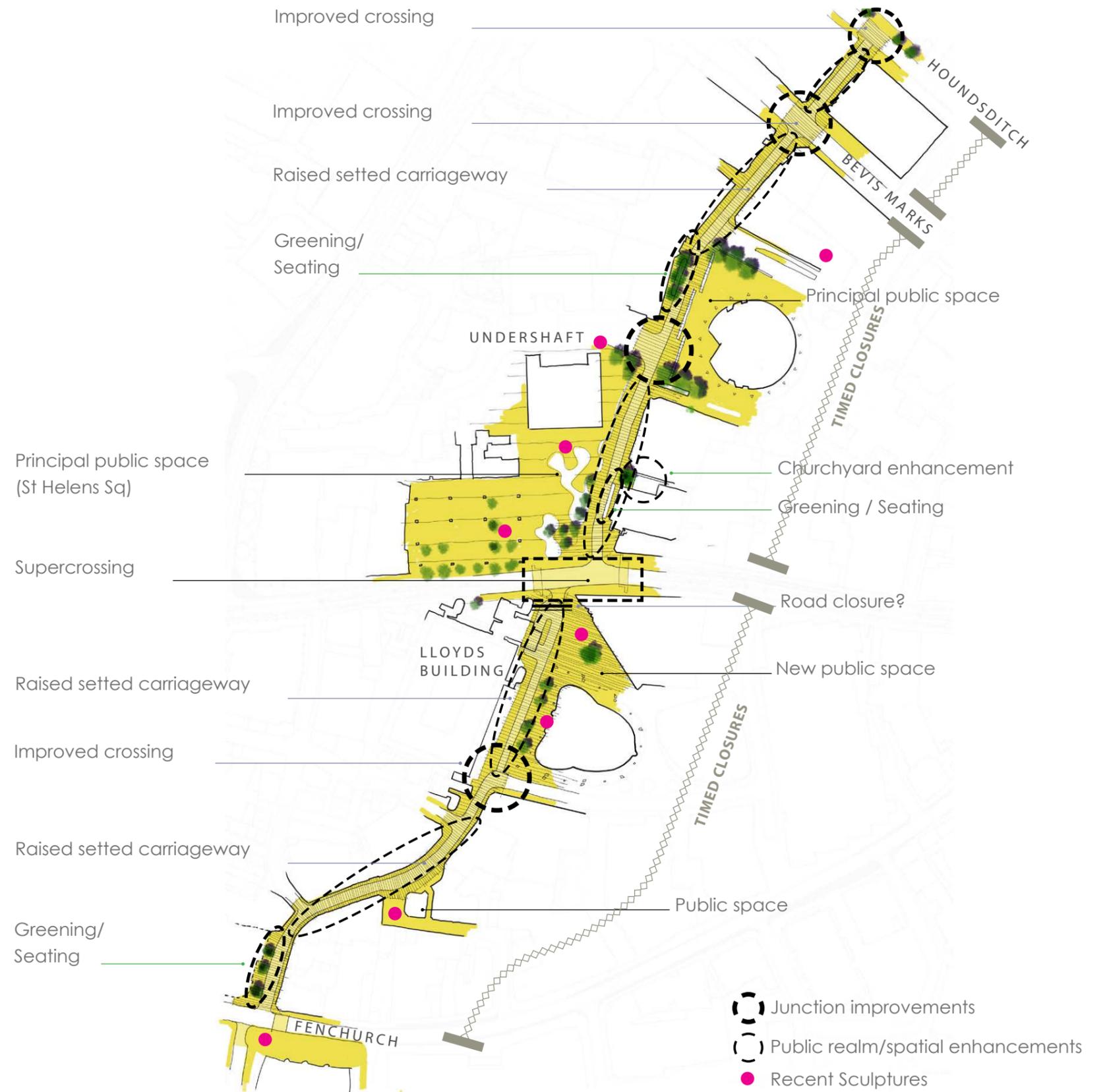
St Mary Axe looking north past 30 St Mary Axe plaza



St Mary Axe looking south towards St Andrew Undershaft and Lloyds building

St Mary Axe - Lime Street

Illustrative sketch opportunities plan



St Mary Axe- Lime Street

Pedestrian priority

St Mary Axe is one of the busiest pedestrian streets within the City Cluster, particularly at rush hour and lunchtimes but suffers from narrow, over crowded footways. It has the potential to become a truly great City street, acting as an address for some of the most celebrated and iconic buildings of the Cluster.

Design proposals seek to establish a pedestrian priority along this street and reinforce the strong connectivity by excluding general vehicular traffic under a timed closure during the daytime. The introduction of a raised granite setted carriageway will maintain carriageway and footway delineation when out of timed closure, directing the one-way traffic movements, but will allow for free, unimpeded pedestrian movement to create an effective pedestrian zone of over 10 metres in width.

Through carriageway narrowing, wider footways, new feature tree planting and seating may be introduced to further animate this important pedestrian axis through the Cluster.



Existing view north along St Mary Axe



Proposed raised carriageway treatment under a timed closure to give pedestrian priority to St Mary Axe

St Mary Axe- Lime Street

Timed closures for vehicles

The potential introduction of vehicle control or restrictions along all or part of St Mary Axe will reveal a simpler street scene to respect and celebrate the feature buildings on approach to the junction with Leadenhall Street. The grade I listed St Andrews Undershaft church in particular will benefit from a decluttered and improved setting with the potential removal of motorcycle stands and high quality natural stone enhancements to complement the refurbished St Helens Square.



Existing St Mary Axe looking south towards Lloyds



Proposed raised carriageway treatment under a timed closure to give pedestrian priority to St Mary Axe

St Mary Axe- Lime Street

Events



Proposed St Mary Axe, with pedestrian priority space created in support of the public cultural life of the City Cluster

Whittington Avenue

Whittington Avenue lies directly to the north of Leadenhall Market and connects to Leadenhall Street. At present it is an underutilised space, being dominated at times by parking and service vehicles, despite adjacent retail frontage offering a potentially vibrant streetscene.

Design proposals seek to develop a pedestrian priority and enhance the potential character of this street by raising the carriageway and uplifting its quality with the introduction of granite setts, to extend the grain and character of the market within. There are opportunities to add overhead feature lighting and encourage ground floor retail spill out into the street conjunction with proposed new building development.



Existing view looking south towards Leadenhall Market



An enhanced pedestrian priority Whittington Avenue, promoting an active and bustling streetscene as extension to Leadenhall Market

Whittington Avenue

Enhancing the attraction

The historic listed Leadenhall Market to the south of Leadenhall Street forms one of the principal and defining destinations within the Cluster. It houses a high percentage of the area's cafes, restaurants, bars and retail space and is a popular draw at all times of the day, especially lunchtime and early evening where outdoor drinking and dining can be enjoyed under the cover of the spectacular Victorian roofed canopy. The retail offer continues to be developed in response to the adjacent development opportunities.

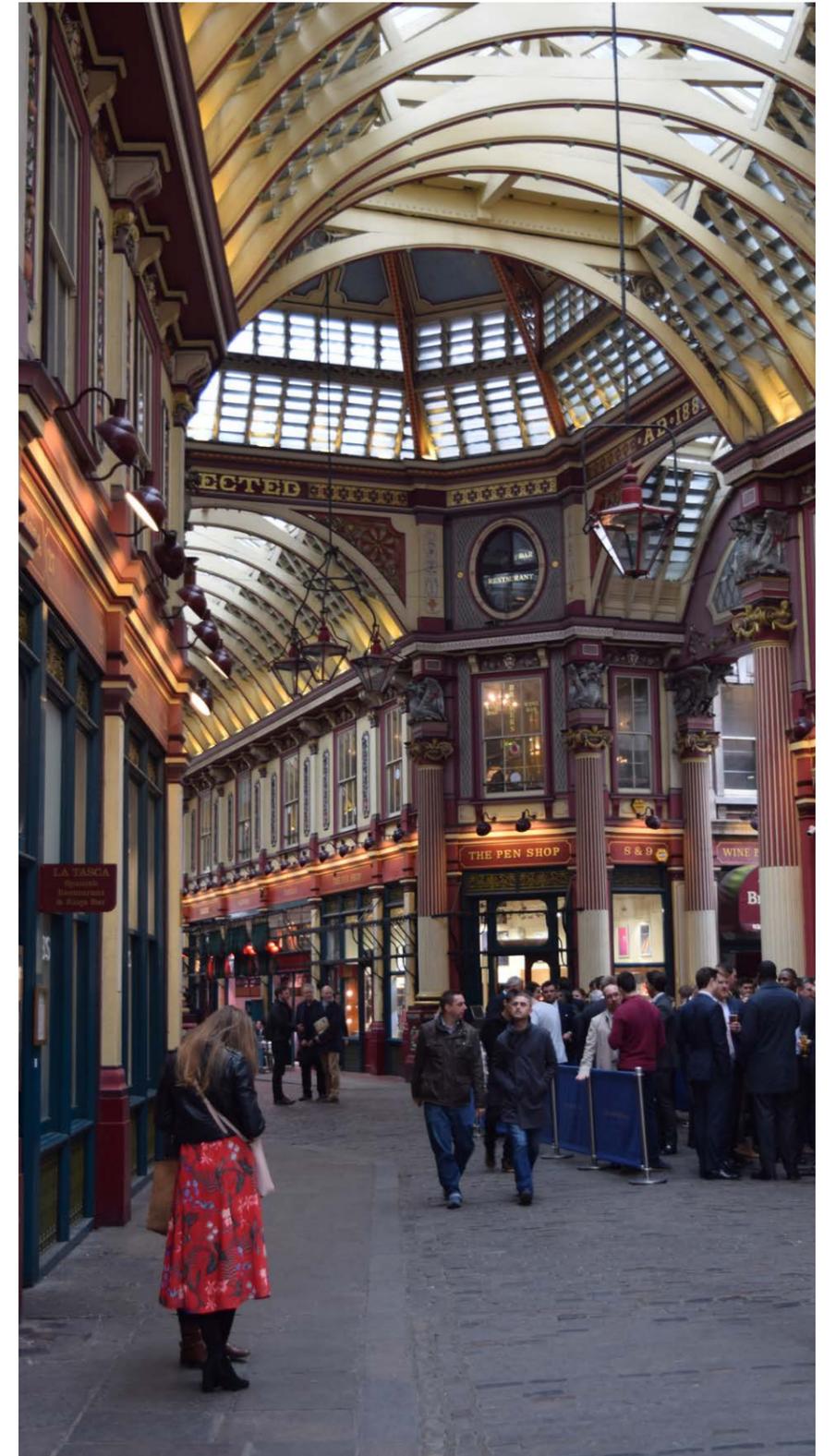
The centre of the market marks a cross-convergence of fine granite setted streets, lanes and alleyways that connect out into the wider area. There is great potential to expand the commercial and cultural offer of the market into surrounding streets and extend the opening times into the weekends to reinforce the destination potential of this unique urban quarter.



Leadenhall Market is an ever popular tourist destination



Outdoor dining extends into carriageway due to controlled servicing arrangements



The central gathering point at the heart of the market

Bevis Marks and Camomile Street

The streets of Camomile Street (east and westbound traffic) and Bevis Marks (westbound traffic) lie to the north of the Cluster and form a busy road network for traffic movements including bus routes. Their general character is at times of a congested shaded series of streets, cross-connected by intermediate service streets with occasional crossing points. There is a good degree of ground floor retail and food outlets which serve the working population with street parking provision provided at regular intervals. Devonshire Square lies to the north and presents a popular lunchtime destination as well as further connections north to Spitalfields and neighbouring residential communities.

These streets are 'book ended' by the two principal green spaces of Aldgate Square in the east and St Botolph's-Without-Bishopsgate churchyard to the west but there is little other urban greenery except for the open space of Jubilee Gardens, hidden behind a wall and fence line in front of a substation building on Houndsditch. Along their length, a series of new buildings are either planned or under construction, such as 1 Bishopsgate Plaza, 60-70 St Mary Axe (*Can of Ham*) and 1 Creechurch (opened 2017).

Issues

- The one way traffic routing and parking provision maintain a traditional division between footway and carriageway
- The bus stop and stand location and turning loop affect the localised pedestrian environment and air quality
- Pedestrian crossing and connections across these streets are poor and represent a barrier to pedestrian movement in to the Cluster
- A number of secondary streets and spaces appear to be under performing and overlooked.

Considerations

- This area provides the sole connection northwards to Liverpool / Spitalfields area
- On street parking and delivery bays provide a high capacity streetscape parking provision to service local businesses
- A flexible approach to the management of streets, including any pedestrian priority streets, should be considered for those streets affected by construction traffic for ongoing and proposed construction sites.
- Any alterations and changes to current delivery practices that would impact existing business premises will require careful consideration and further consultations on a case-by-case basis.

Opportunities

- Reinforce the pedestrian connection to Bishopsgate and Crossrail station via 1 Bishopsgate Plaza
- Create enhanced pedestrian link to St Mary Axe as primary connection through the Cluster
- Enhance the Camomile Street crossing to encourage pedestrian movement onwards through 100 Bishopsgate
- Establish a green gateway to Creechurch Lane
- Ensure good connection to Devonshire Square and beyond
- Explore opportunities for urban greening in the form of avenue tree planting and SUDS/raingardens to extend and connect the positive green influence of St Botolphs churchyard (west) and Aldgate Square (east).



Existing formal pedestrian crossing over Camomile Street towards Bevis Marks



Existing informal crossing of Houndsditch at the northern end of St Mary Axe

Bevis Marks and Camomile Street

Illustrative sketch opportunities plan

Improve connectivity to Crossrail (CRL) Station and explore extension to newly created pedestrian priority zone to connect to Bishopsgate and consider relocation of taxi rank

1 Bishopsgate Plaza will provide new public space and diagonal desire line from CRL

Churchyard enhancement of St Botolph's Without Bishopsgate

Potential diagonal pedestrian crossing and junction improvements

St Mary Axe at 60-70 will provide a critical improved pedestrian link. Crossings need to be improved

Create wider footway and central reservation with potential for tree planting as green gateway to cluster



-  Junction improvements
-  Public realm/spatial enhancements
-  Primary pedestrian connections
-  Recent Sculptures

Leadenhall Street

Leadenhall Street forms the dominant east-west spine arcing through the Cluster and provides an iconic address for a number of tall and listed buildings. The street varies from 13-20 metres in width and links Aldgate in the east with Cornhill and Bank to the west, forming a strategic bus route as part of the TfL strategic route network. Activity along this street is generally focussed around its central junction with St Mary Axe and Lime Street, with a high pedestrian footfall regularly crossing the street during the working day, particularly towards the grade I listed Lloyds Building which acts as the pre-eminent destination within the Cluster. The popular cultural and tourist destination of Leadenhall Market is accessed via Whittington Avenue and Lime Street, providing a strong anchor to the street.

Issues

- There are limited opportunities for regular and safe pedestrian crossings along the street
- Activity and animation of the streetscene reduces towards the eastern end of the street
- The east-west alignment of the street and presence of tall buildings, existing and planned, present challenges to microclimate, sun and shade
- Organisation of servicing and freight to large and small independent businesses as well as increasing personal deliveries presents a challenge to the balance of streetscape users.
- Any impacts on bus service provision, movements and rerouting will be subject to TfL approvals.

Considerations

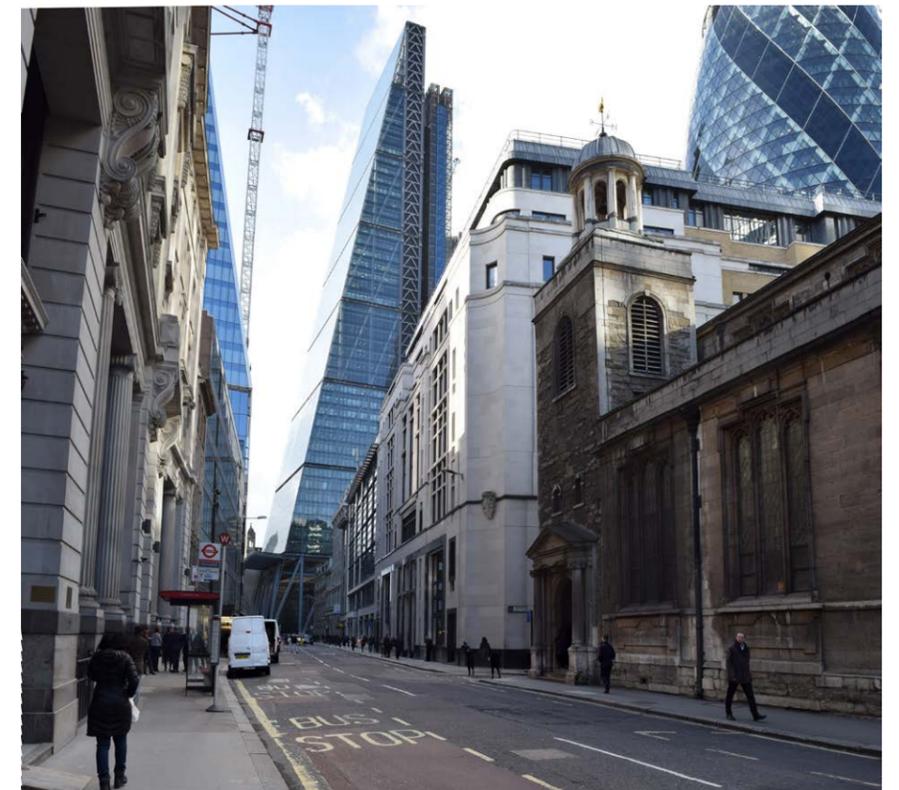
- Hostile vehicle speed reduction and impact on pedestrian safety and building security are a consideration
- A flexible approach to the management of streets, including any pedestrian priority streets, should be considered for those streets affected by construction traffic for ongoing and proposed construction sites.
- Any alterations and changes to current delivery practices that would impact existing business premises will require careful consideration and further consultations on a case-by-case basis.

Opportunities

- Leadenhall Street has the potential to become a Great City street, reinforcing its established name and destination as a primary bustling, connective and pedestrian friendly
- Prioritise the pedestrian experience, exploring potential footway gains of between 3-8m
- Provide better, more generous and logical pedestrian crossings points in response to desire line and new developments. For instance, the Leadenhall crossing will be upgraded in the first half of 2019
- Invest in environmental improvements and urban greening to enhance the character and appeal of the street
- Explore traffic calming and carriageway reduction measures and pinch points to reduce vehicle dominance and address security and safety concerns
- Explore options for vehicular control, timed closure or full restrictions to promote the potential of the street as a pedestrian connector
- Explore the wider connectivity to Cornhill and Bank as a key contributor in reaffirming the great City spine connecting St Pauls, Cheapside, Bank, Cornhill to Leadenhall and Aldgate.



Leadenhall Street looking east from the junction with Whittington Avenue



Leadenhall Street looking west from St Katherine Cree Church

Leadenhall Street

Option 1: Traffic calming and public realm enhancement

Leadenhall Street currently offers a varying carriageway width along its overall length that results in an overly dominant vehicle corridor with limited pedestrian crossing potential. As a baseline proposal therefore, the opportunity exists to tackle vehicle movements and associated speeds along Leadenhall Street through a series of traffic calming measures aimed to establishing significant public realm enhancements.

Design proposals consider reduction of the carriageway to two lanes (7 metres in width), allowing the reclamation of carriageway space into pedestrian footway in the region of 3-8 metres in places. In keeping with the vision objectives, the ability to reclaim this pedestrian space presents a positive change in rebalancing the composition of the street as well as enriching the character and capacity of Leadenhall Street for additional footway, greening and outdoor seating opportunities. A series of staggered footway build-outs are proposed along the street, of

around 3 metres in width, that alter the carriageway alignment, act as traffic calming measures and allow for increased and more regularly defined pedestrian crossing points that respond to pedestrian desire lines. The ability to introduce significant urban greenery will provide a sustainable response to positively affect the character and environmental quality of the street as a whole and enhance its potential as a pleasant space to walk along as well as spend time within. Build-outs offer opportunities for temporary or permanent public space gains, seating potential, outdoor agile working stations as well as public art.

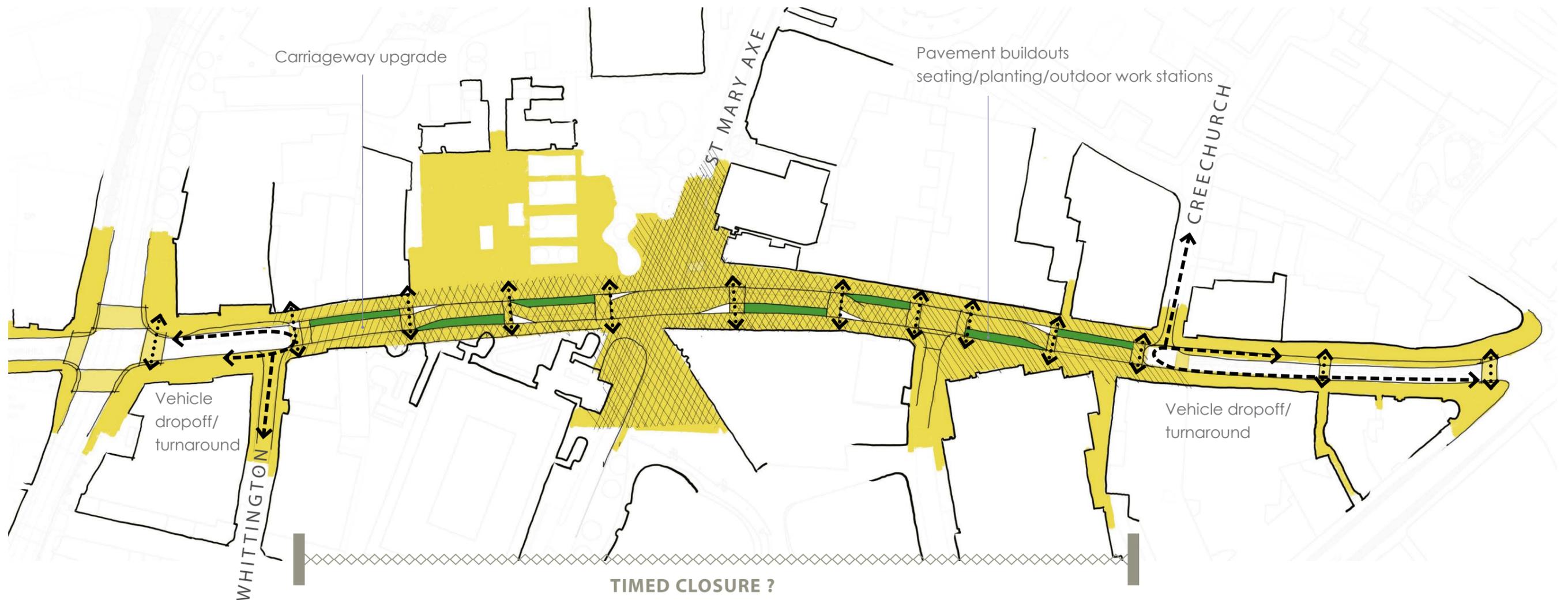


Leadenhall Street

Option 2: Timed closure

As an extension to the traffic calming proposed in option 1, public realm enhancements to Leadenhall Street could further be enhanced by the introduction of a timed closure along all or part of whereby general traffic movements may be restricted during the working day to release carriageway space for pedestrian movements, cultural events and activities. By restricting vehicles, the nature and capacity of this significant street can radically change and provide a positive transformation into a pedestrian focussed street.

Design proposals consider changing the nature of the carriageway, either as a paved surface and/or a raised carriageway, where the surface material will not only mitigate vehicle speeds but promote a pedestrian priority during timed closure periods.



Leadenhall Street



Potential future pedestrian crossing enhancements over Leadenhall Street

Leadenhall Street

Enhancement proposals for Leadenhall Street seek to prioritise and improve the pedestrian experience of this important street. By altering the carriageway alignment to introduce a slower speed vehicular environment, the resulting effective footway gains offer environmental, aesthetic and social improvements to this street with regular kerbside build-outs or interventions. Any potential design proposal will require further survey work and assessment and design development in partnership with Transport for London.

The kerbside environment may offer opportunities for:

- Street tree and sustainable urban planting
- Significant outdoor seating and gathering spaces
- Outdoor cultural and seasonal events and activities



Leadenhall Street looking east from the junction with Whittington Avenue



Proposed carriageway alterations to Leadenhall Street with potential surface upgrade, and kerb side buildouts with tree planting and seating opportunities

Leadenhall Street

Potential kerbside build-outs along Leadenhall Street will offer valuable space for urban greening accompanied by outdoor seating and flexible work station opportunities. In the option 2 scenario whereby timed closures may restrict vehicle movements along Leadenhall Street, these localised kerbside environments will enjoy a positive outlook onto an effective pedestrian boulevard or 'urban passage', and offer an expanded setting in support of the social and cultural life of the City Cluster.



Potential kerbside buildouts along Leadenhall Street will offer valuable space for urban greening and outdoor seating. Under timed closures, the carriageway to the street can become an expanded setting to support the social and cultural life of the City Cluster.

Great St Helen's - Bishopsgate

Great St Helens uniquely captures the sense of character, contrast and change within the Cluster, juxtaposing and celebrating the most ancient with the most contemporary. This important public space combines the charm and character of the grade I listed St Helen's Bishopsgate Church and its churchyard alongside some of the tallest and most recent buildings in the City, including 122 Leadenhall Street, 22 Bishopsgate and the planned development of 1 Undershaft. It is a popular pedestrian route and gathering space, providing good east-west links into and out of the Cluster as well as offering a significant open space with a strong presence of greenery.

Issues

- The space offers limited seating capacity for lunchtime gathering
- The existing asphalt finish to the space maintains a vehicular 'back of house' dominance.

Considerations

- Access and parking provision to the Church is required
- High east-west cycle movements require careful balance with pedestrians in this location
- Any alterations and changes to current delivery practices and parking that would impact existing premises will require careful consideration and further consultations on a case-by-case basis.

Opportunities

- Enhance to become a great City public space
- Prioritise pedestrian movement across the space to better connect Bishopsgate to St Mary Axe and establish a key secondary movement into the Cluster
- Control vehicle access into the space, exploring timed closures during the daytime to promote safer pedestrian activities
- Explore footway loading bay on Bishopsgate
- Adopt existing design proposals to enhance the setting of the Churchyard to invest in more seating and enhanced tree and shrub planting
- Explore opportunities to activate this space through temporary retail and cultural uses to complement those with adjacent building experiences.

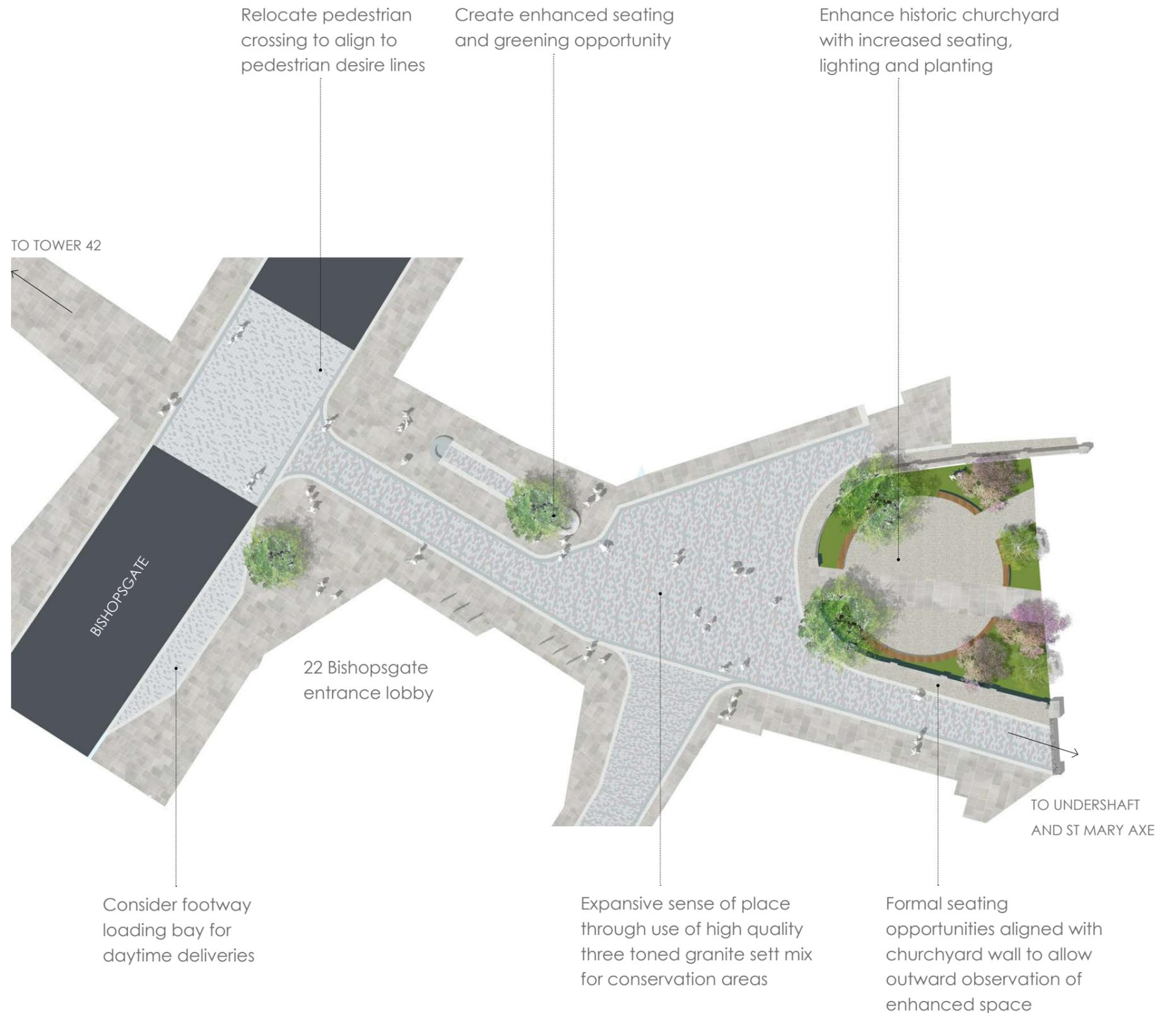


Figure: Illustrative public realm proposal for enhanced Great St Helens

Great St Helen's - Bishopsgate

A relocated and improved pedestrian crossing on approach to Great St Helen's will facilitate better pedestrian flows along the observed desire line from Old Broad Street and Tower 42 eastwards into the Cluster.

Proposals include the creation of an expansive granite setted surface as raised table extending across Bishopsgate. Vehicular access into Great St Helen's is proposed to be managed under a timed closure to enable free pedestrian movement and reinforce the sense of safe gathering space, not only along Great St Helen's but also around the new entrance lobby for 22 Bishopsgate. Any potential design proposal will require further survey work and assessment and design development in partnership with Transport for London.



Figure: Proposed pedestrian crossing over Bishopsgate towards Great St Helen's

Great St Helen's - Bishopsgate



Proposed enhanced public space of Great St Helens

Bishopsgate - Gracechurch Street

These streets form a pivotal north-south corridor through the City, part of the designated Transport for London Strategic Road Network that connects London Bridge crossing to the south with Liverpool Street to the north.

Streetscape character- ' A street of two halves'

Much of the corridor has been dominated by recent and on-going construction activities of major tall building site constructions (principally lining the eastern side of the road corridor to include 22, 100 and 150 Bishopsgate). It is envisaged that future development of 6-8 Bishopsgate, 1 Leadenhall Street and 70 Gracechurch Street will continue this sense of change and disruption over the coming years. The public realm benefits brought about by such developments generally offer increased footway width achieved by building colonnade setbacks and the design of new or improved historic pedestrian connections into the City Cluster. In between these developments, and regularly punctuating the streetscape, are a number of listed buildings, in particular lining the western side of the corridor. These heritage buildings offer a sense of permanence, a good degree of consistency and historic enclosure along the street elevation and often lie at the junction of key streets and lane ways forming characterful gateways onto Bishopsgate and Gracechurch Street. Their listed status, and therefore retention, however provides a challenge to available adjacent public realm and places great pressure on the narrow footways and carriageways.

Pedestrian environment

This corridor presents one of the busiest streets in the City, with Bishopsgate receiving particularly high pedestrian flows during peak morning rush hours. This pedestrian density is predicted to increase with the arrival of Crossrail at Liverpool Street.

Pedestrian comfort

A number of pedestrian surveys and modelling have been undertaken as part of the on-going redevelopment sites lining the corridor which reveal pressurised footway widths in a number of places. Movement analysis predictions indicate that footways will become increasingly stressed in the next ten years with levels of pedestrian comfort and safety becoming real issues. On-site observations already highlight the frequent instances of pedestrians opting to walk within the carriageway as well as undertaking regular informal crossings along direct desire lines at peak times. In some cases future pedestrian density may well increase by between 70-80% and it is vital that public realm footway gains and carriageway rationalisation is explored to seek to expand effective footway width to pre-empt this estimated change.



Traffic dominated streets with narrow footways in places



Busy pedestrian footways forming a key route into the Cluster

Bishopsgate - Gracechurch Street

Issues

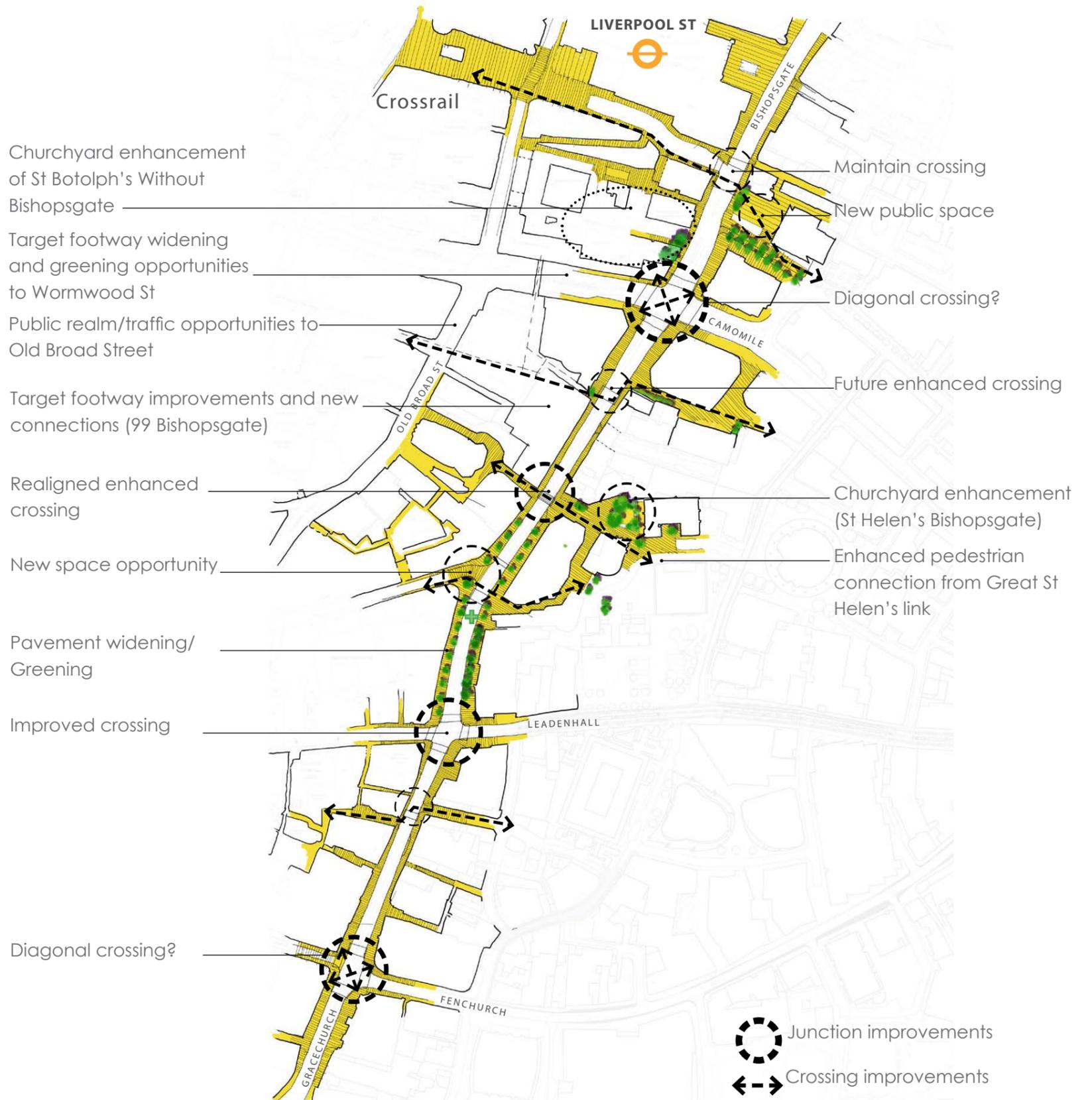
- The street is constricted in places leading to very narrow footways and pedestrians walking in the road
- The key junction of Bishopsgate and Wormwood/Camomile Street to the north provides an oppressive traffic dominated environment and forms a perceived and actual restriction to pedestrian movement in to the Cluster
- On street loading and delivery bays minimise available pedestrian space and obstruct movement in places.

Considerations

- Crossing points into the Cluster can be improved particularly towards Great St Helen's and Leadenhall Market
- Any design proposals will require close consideration and development in partnership with Transport for London (TfL).
- A flexible approach to the management of streets, including any pedestrian priority streets, should be considered for those streets affected by construction traffic for ongoing and proposed construction sites.
- Any alterations and changes to current delivery practices that would impact existing business premises will require careful consideration and further consultations on a case-by-case basis.

Objectives

- In partnership with TfL, review carriageway widths to seek potential reduction to one vehicle lane and one cycle lane each way, subject to traffic surveys and modelling
- Seek increased pedestrian footway gains along the length of the street, particularly along the western footway where widths are critical
- Implement more logical and wider pedestrian crossing points in response to pedestrian desire lines
- Explore junction improvements with primary roads with potential diagonal pedestrian crossing facilities
- Introduce raised pedestrian courtesy crossings over adjacent streets to enhance pedestrian connectivity
- Enhance tree planting to compliment existing avenue trees may establish a greener character to the street.



Camomile Street - Wormwood Street junction

Proposed Diagonal crossing

The junction of Camomile Street and Wormwood Street along Bishopsgate presents a key opportunity, through potential carriageway narrowing, to implement a new diagonal crossing. Historically the alignment of London Wall in this location has presented a physical and psychological barrier to onward movement into the Cluster from the north.

The introduction of a diagonal pedestrian crossing, similar to other busy junctions in London, will enhance the choices for pedestrians to follow a diagonal desire line from leaving Liverpool Street and St Botolph's Without Bishopsgate churchyard and wanting to cross Bishopsgate in one simple movement phase. This ability to cross to the east at the earliest opportunity may itself relieve footway pressures further south on Bishopsgate. Any potential design proposal will require further survey work and assessment and design development in partnership with Transport for London.

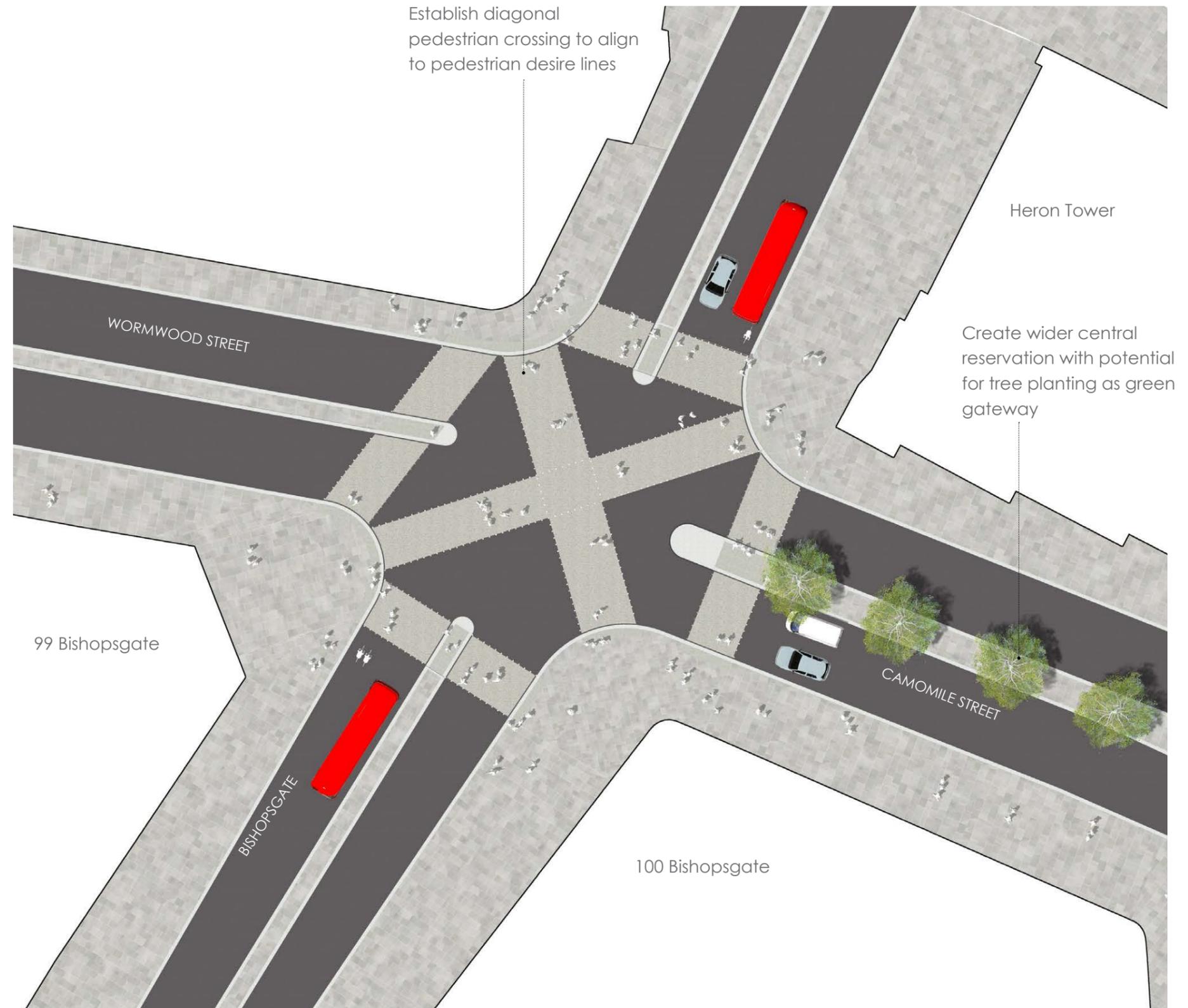


Fig. Illustrative diagonal crossing arrangement at the junction of Bishopsgate and Camomile Street

Camomile Street - Wormwood Street junction

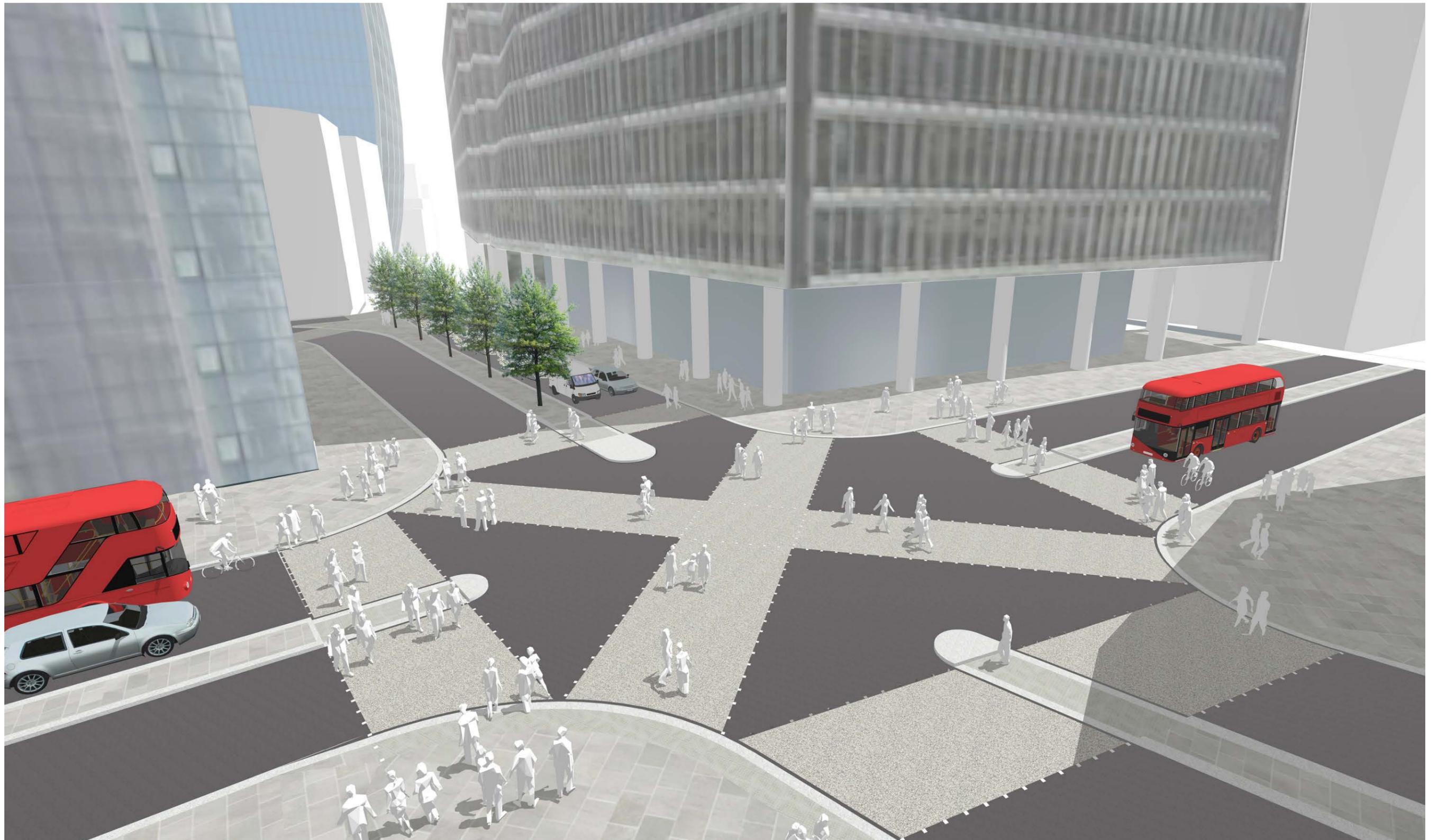


Fig. Illustrative view of diagonal crossing towards Camomile Street

Threadneedle Street junction

The historic junction of Threadneedle Street with Bishopsgate presents a busy vehicular and pedestrian interchange with pedestrian flows expected to increase between Bank station and the new developments lining Bishopsgate, including 22 Bishopsgate. The listed Gibson Hall dominates the north side of the junction.

Design proposals seek to enhance the sense of place at this junction, maximising pedestrian space to create an identifiable place in front of Gibson Hall that is well served by improved pedestrian crossing points. The expansion of the western footway creates a safer and more generous pedestrian realm, resulting in a tighter junction radii for vehicles turning on to Threadneedle Street. A raised granite setted courtesy crossing is proposed to maintain pedestrian flow and continuity at this junction. Public realm gains offer the chance to plant trees along the western side, which when read in conjunction with existing and proposed trees to the east, will start to establish a greener boulevard character to this part of Bishopsgate. There is the opportunity to plant a tree of townscape significance to mark the entry in to Threadneedle Street. Any potential design proposals will require further survey work and assessment and design development in partnership with Transport for London.



Fig: Existing view toward Threadneedle Street and Gibson Hall

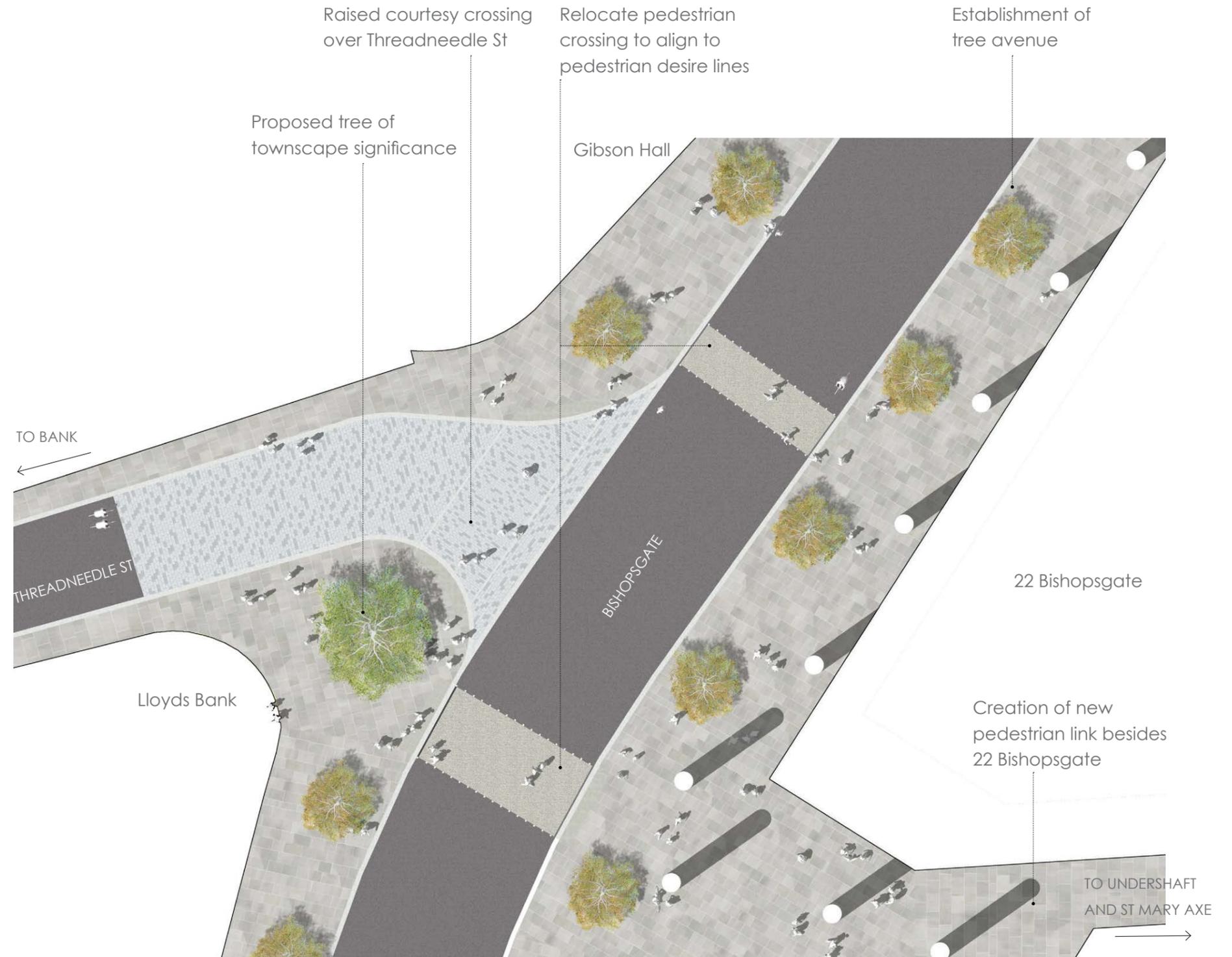


Fig: Illustrative plan of junction of Bishopsgate and Threadneedle Street

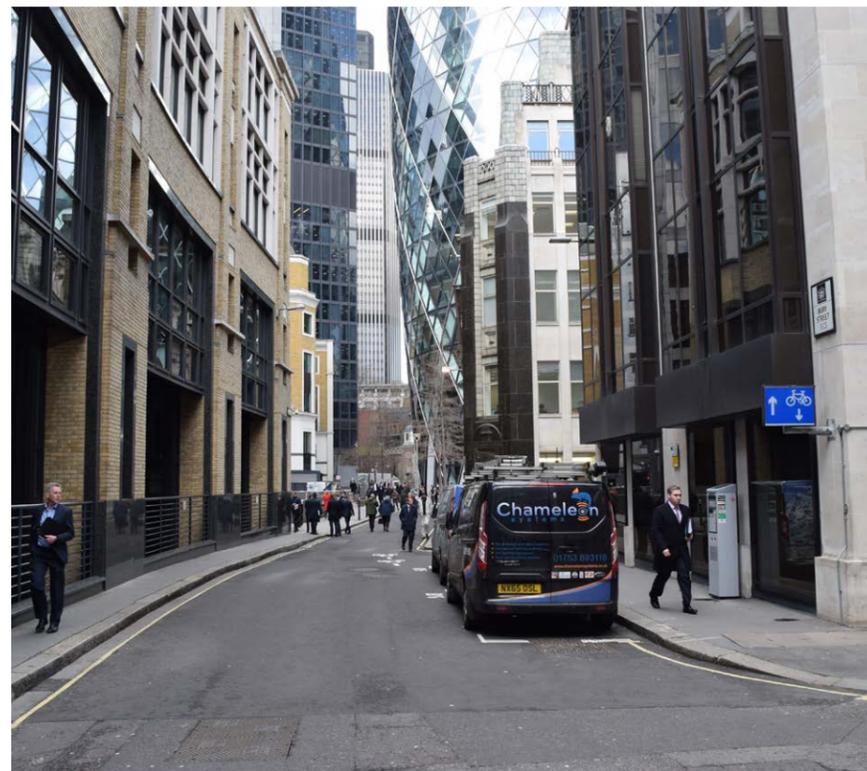
Threadneedle Street junction



Fig: Illustrative view towards Threadneedle Street and Gibson Hall

Bury Street

Public realm enhancements along Bury Street will support the east-west secondary pedestrian link between Tower 42 and Creechchurch Lane. Proposals include the creation of a raised granite setted carriageway and footway widening whilst maintaining one-way vehicular traffic. Opportunities exist to introduce tree planting, urban greening and seating with the removal of two parking spaces.



Existing
growthindustry



Proposed

Creechurch Lane Area

The area around Creechurch Lane takes its name from the church of St Katherine Cree and lies between the east of Leadenhall Street and Dukes Place to the north. The area is composed of a tight network of City streets, lanes and passages including Creechurch Lane, Mitre Lane and Bury Street as well as some narrow pedestrian alleyways of Heneage Lane and Sugar Bakers Court. The character is one of a discrete urban quarter, relatively hidden and tucked away from the general activities of the surrounding taller buildings and working population of the Cluster. There are some finely detailed, unlisted buildings that lend an identifiable character and quality to the townscape. A small residential population exists alongside a range of independent restaurant and cafe outlets, serving to act as a dining destination. The recent development of 1 Creechurch Place and adjacent Mitre Square and Aldgate Square have provided a more contemporary intervention in terms of high quality building and prominent public open spaces.

Issues

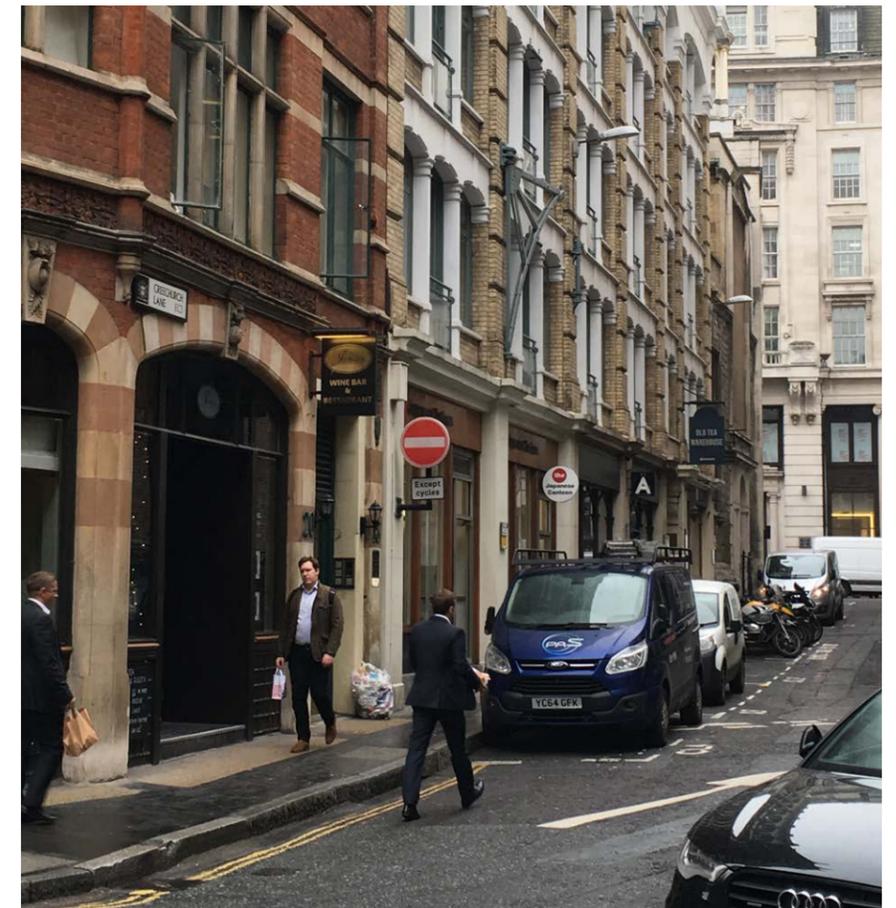
- The area currently offers a 'back of house' feel due to the presence of blank commercial facades and servicing areas
- The area feels slightly disconnected from pedestrian movements within the Cluster
- There is a high degree of designated on street parking bays along all streets and lanes which provides a strong vehicular dominance to the area
- The green spaces of Mitre Square and historic churchyard are relatively underused at present.

Considerations

- The existing cafes, restaurants and bars provide a lively attraction with due consideration given to residential amenity
- A flexible approach to the management of streets, including any pedestrian priority streets, should be considered for those streets affected by construction traffic for ongoing and proposed construction sites.
- Any alterations and changes to current delivery practices and parking that would impact existing premises will require careful consideration and further consultations on a case-by-case basis.

Opportunities

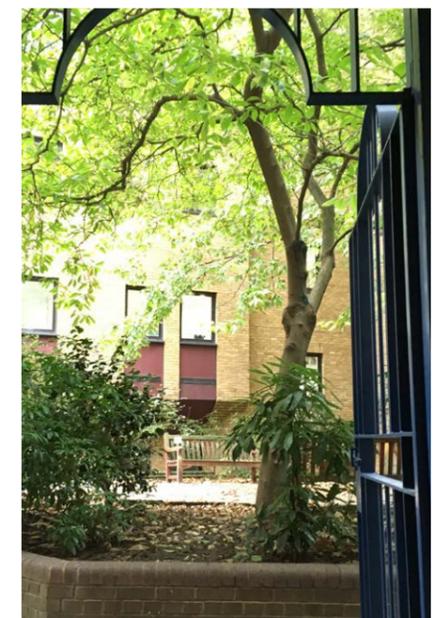
- Enhance the area to become a true urban quarter, identifiable as a lunchtime and evening destination and complementary to the Cluster as a whole
- Prioritise enhancement to the urban lanes and passages that define the area, expanding pedestrian space and reinforcing their character, charm and attraction potential.
- Prioritise pedestrian movements through the area, in particular reinforcing the key east-west secondary pedestrian movement connecting Aldgate to St Mary Axe
- Establish a characterful and greener north-south route as secondary gateway into the Cluster linking Houndsditch to Leadenhall Street and beyond
- Promote the green character of the area through temporary and permanent greening, extending the influence of recent open space enhancements at Aldgate Square
- Control vehicular access into the area, exploring timed closures during the daytime and early evening to allow for safer pedestrian space and outdoor activities.



Existing Creechurch Lane



St Katherine Cree church



Creechurch Lane Area

Illustrative sketch opportunities plan



Creechurch Lane Area

The convergence of Mitre Lane and Bury Street in the middle of Creechurch Lane provides the natural centre to the Creechurch area and enhancement proposals seek to reinforce this sense of place through a range of opportunities.

Introducing a granite setted raised carriageway will enhance the “city lanes” character and mitigate the dominant existing carriageway. Greening options may include small tree planting, kerbside planters and green walling to enhance blank facades, whilst footway build-outs present outdoor seating and dining opportunities to extend the offer of the busy retail/ restaurant uses within the immediate area with due consideration given to residential amenity.



Precedent images claiming carriageway space for temporary and permanent greening



Proposed public realm enhancements at the heart of Creechurch Lane

Creechurch Lane Area

The northern end of Creechurch Lane where it meets Houndsditch presents an underutilised and underwhelming gateway into the City Cluster. Positive reinforcement of this route as a key link through the Creechurch Area and on to Leadenhall Street and beyond is an important opportunity to encourage workers and visitors to explore onwards within the Cluster, rather than bypassing the area on the major streets.

Enhancement proposals seek to claim this space for greenery, outdoor dining or permanent/temporary artworks and promote a greener, more inviting character. The historic London Wall runs beneath the middle of this space so greening improvements may in part take the form of raised planters and trellis-framed planted structures with integrated seating opportunities.



Existing Creechurch Lane looking south

growthindustry



Proposed greener gateway space to the City Cluster

4

Project Delivery

Delivery Plan

Phase 1

Phase 2

Phase 3

PHASE 1

Existing projects: Currently under construction/approved

- City Cluster Healthy Street Plan – Transport Studies
- Trials and measures to improve pedestrian space and safety (inc. Greening and Activation)
- Sculpture in the City – annual programme
- 60-70 St Mary Axe enhancement scheme
- 22 Bishopsgate - enhancement scheme
- Leadenhall Street / St Mary Axe pedestrian junction improvements
- Lime Street enhancement scheme
- 150 Bishopsgate enhancement scheme



- PHASE 1**
1. City Cluster Healthy Street Plan – Transport Studies (area wide)
 2. Trials and measures to improve pedestrian space and safety (inc. Greening and Activation) (area wide)
 3. Sculpture in the City – annual programme (area wide)
 4. 60-70 St Mary Axe enhancement scheme
 5. 22 Bishopsgate - enhancement scheme
 6. Leadenhall Street / St Mary Axe pedestrian junction improvements
 7. Lime Street enhancement scheme
 8. 150 Bishopsgate enhancement scheme

Phase 1 will be implemented between 2019-21. It is fully funded from local finding to mitigate the impact of development and Transport for London grant funding.

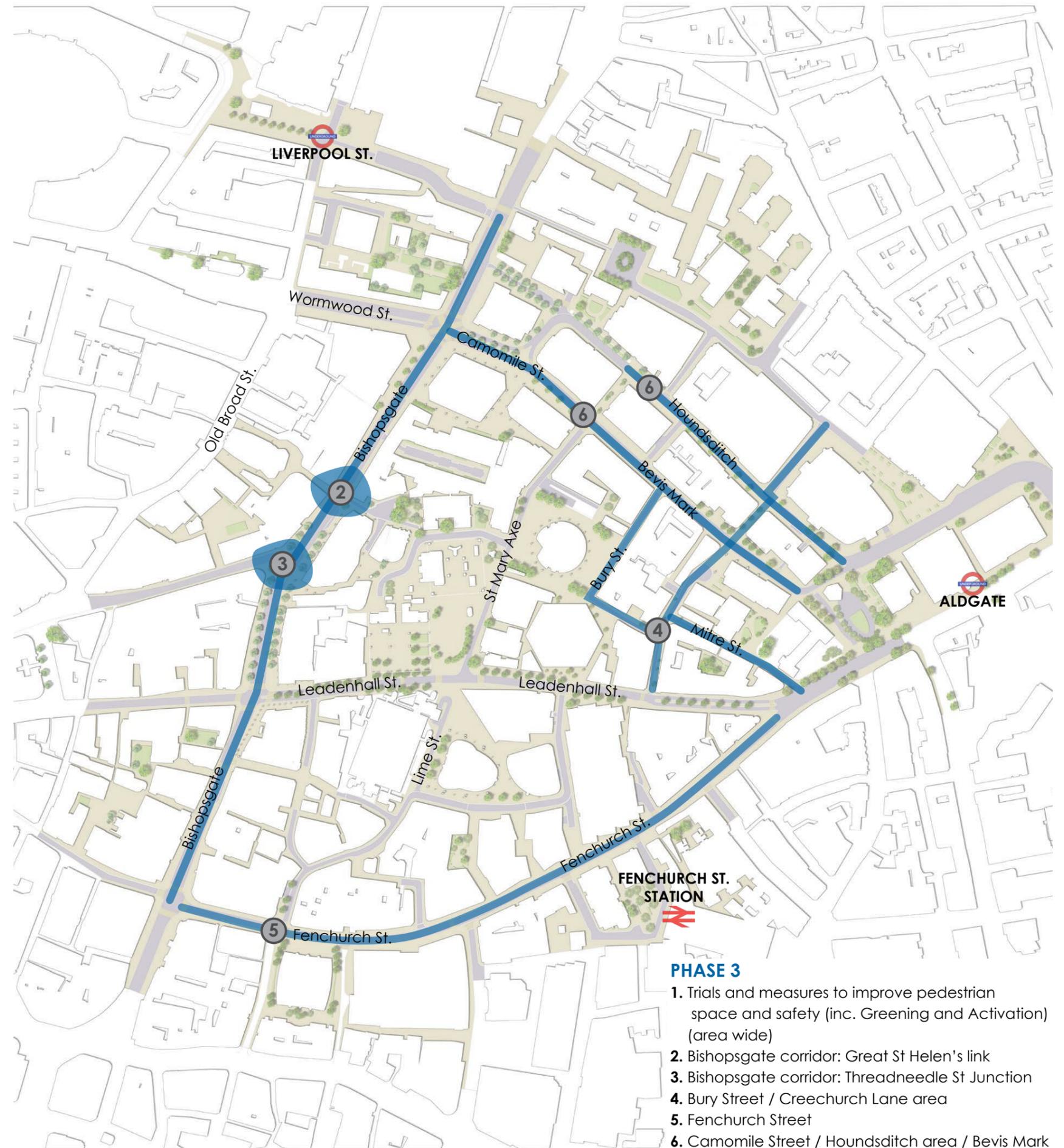
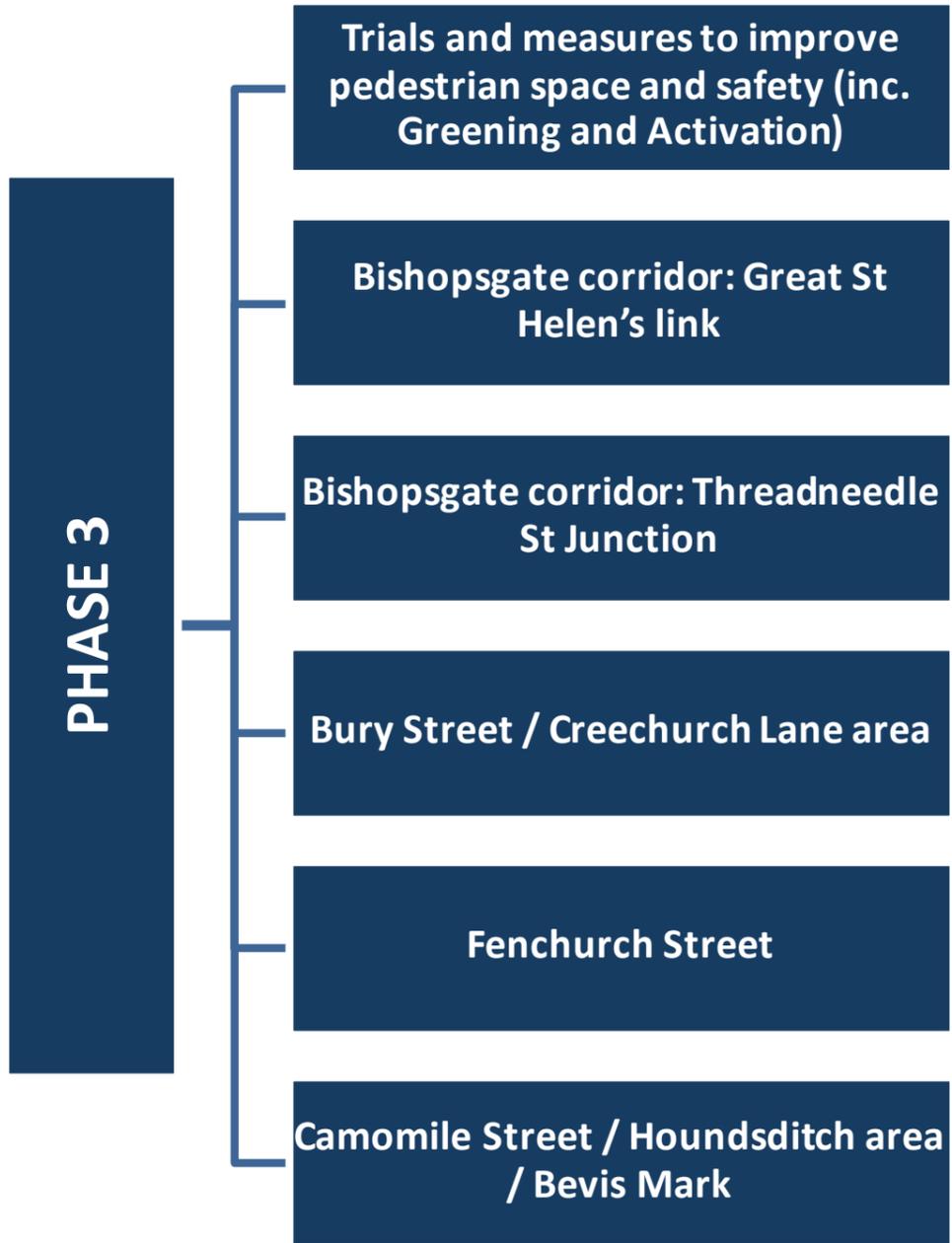
PHASE 2

- St Mary Axe - Lime Street
(North South pedestrian corridor)
- Jubilee Gardens / Houndsditch
(west)
- Wormwood Street / Old Broad Street
area
- Bishopsgate corridor: Camomile St /
Wormwood Junction
- Leadenhall Street
- Whittington Avenue
- Trials and measures to improve
pedestrian space and safety (inc.
Greening and Activation)

Phase 2 is likely to be implemented between 2021 and 2024. It is expected to be fully funded from local funding to mitigate the impact of development and Transport for London grant funding. The use of any flexible funding sources will be subject to City priorities.



1. St Mary Axe - Lime Street
(North South pedestrian corridor)
2. Jubilee Gardens / Houndsditch
(west)
3. Wormwood Street/ Old Broad Street
area
4. Bishopsgate corridor: Camomile St/
Wormwood Junction
5. Leadenhall Street
6. Whittington Avenue
7. Trials and measures to improve pedestrian
space and safety (inc. Greening and Activation)
(area wide)



- PHASE 3**
1. Trials and measures to improve pedestrian space and safety (inc. Greening and Activation) (area wide)
 2. Bishopsgate corridor: Great St Helen's link
 3. Bishopsgate corridor: Threadneedle St Junction
 4. Bury Street / Creechurch Lane area
 5. Fenchurch Street
 6. Camomile Street / Houndsditch area / Bevis Mark

Phase 3 is likely to be implemented after 2014. It is expected to be funded from a combination of local funding to mitigate the impact of development, Transport for London grant funding and flexible funding sources subject to City priorities.



CITY
OF
LONDON

CPA
City Property Association

C A F
City of London Finance

Contact us:

City Public Realm
Department of the Built Environment
City of London Corporation
Guildhall
PO Box 270
London EC2P 2EJ

Telephone: 020 7606 3030

Email: citypublicrealm@cityoflondon.gov.uk