

WATERLOO AND SOUTH BANK

PUBLIC REALM FRAMEWORK APPENDIX

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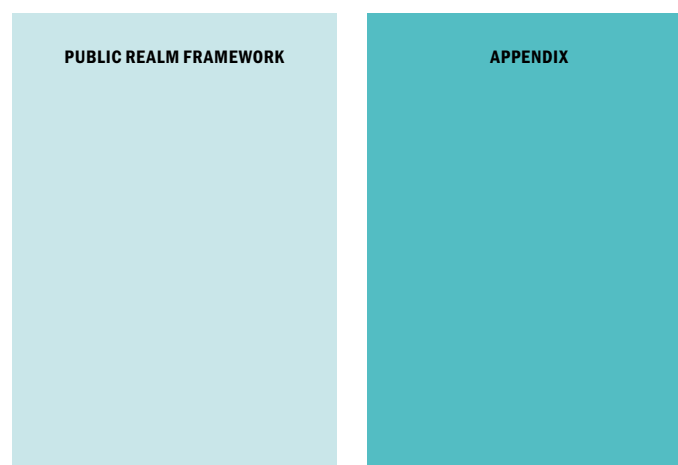
APPENDIX

March 2019

Publica Associates Ltd.
Lambeth Council

APPENDIX

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Pair of documents: The appendix supports the information presented in the Waterloo and South Bank Public Realm Framework

FIG.01 HISTORIC CONTEXT, LISTED BUILDINGS AND CONSERVATION AREAS

Seven conservation areas are within both the study boundary and Lambeth, including South Bank, Waterloo, Roupell Street, Mitre Road and Ufford Street, Lower Marsh, Albert Embankment and Lambeth Palace. Three are in Southwark: Valentine Place, West Square and St George's Circus. Please refer to these Conservation Area appraisals and management plans for detailed guidance on each area.

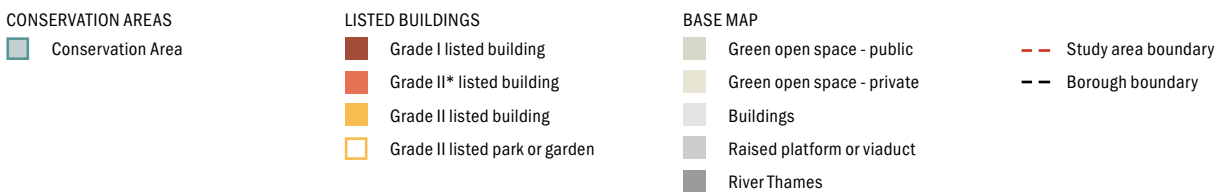
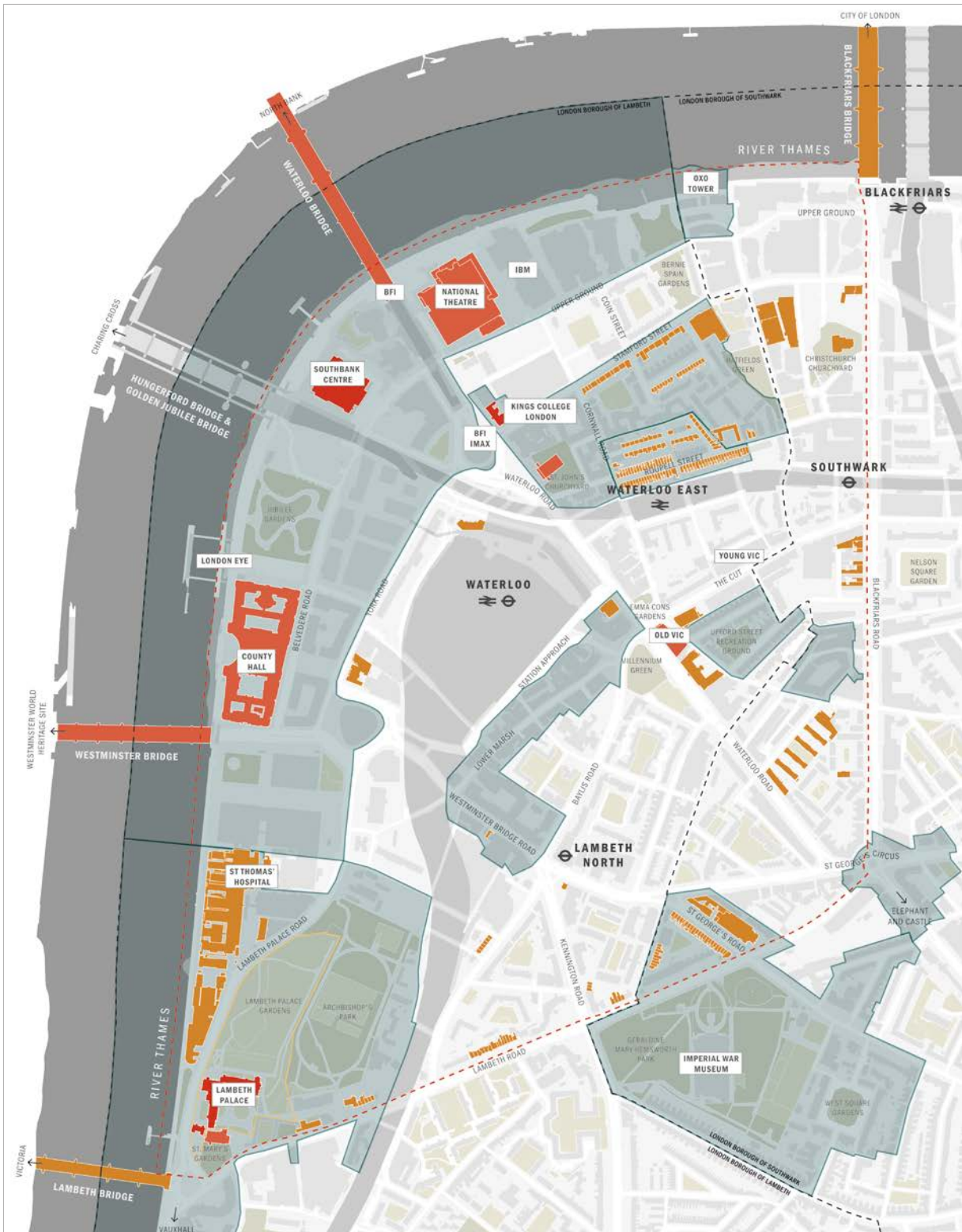
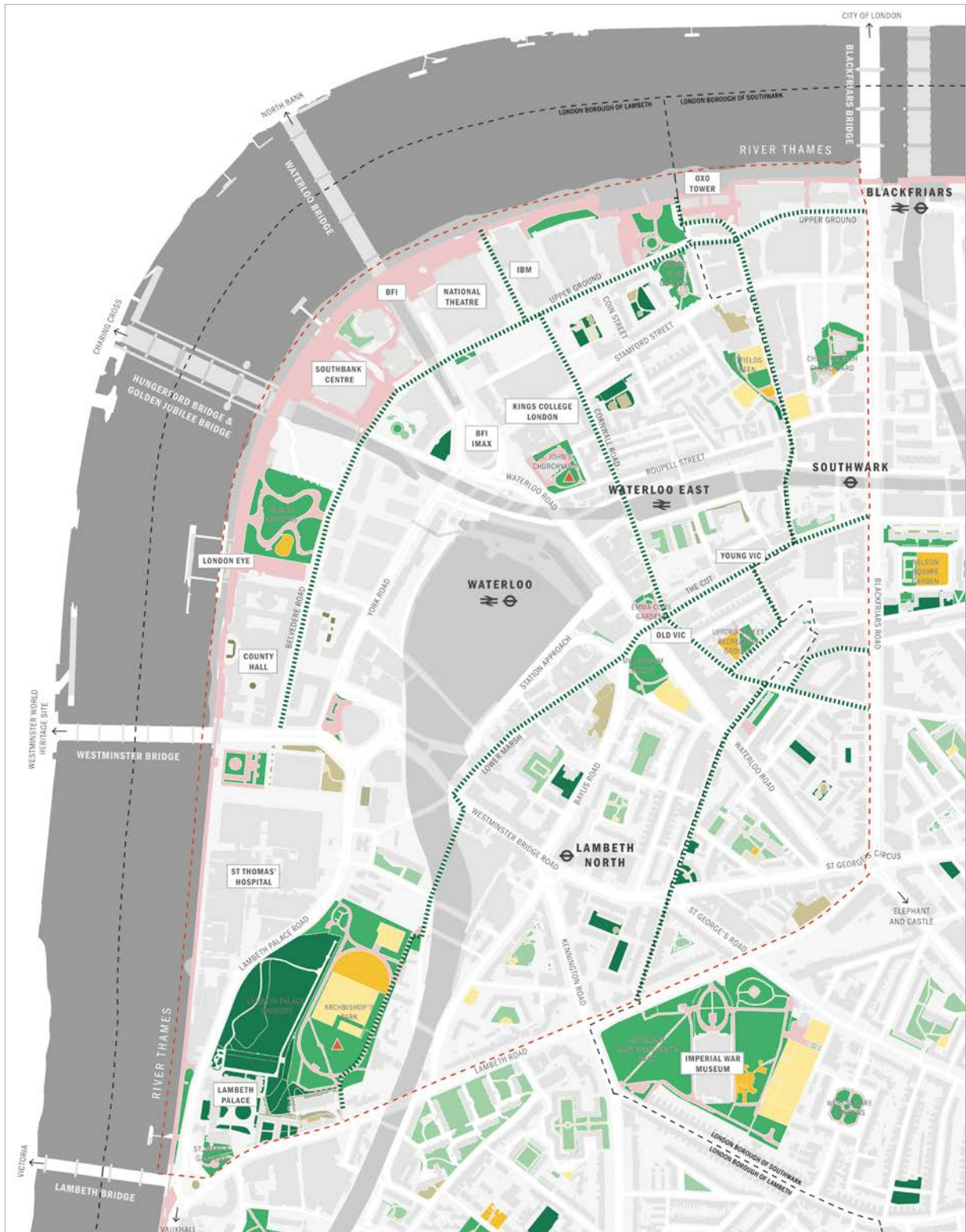


FIG.02

GREEN AND OPEN SPACES

Map of green spaces and walking routes in Waterloo and South Bank. Refer to the *Lambeth Green Infrastructure Strategy (2016)*, *Lambeth Parks and Open Spaces Capital Investment Plan (2014–19)*, *Lambeth Open Space Strategy (2013)* and *SoWN Draft Neighbourhood Plan (2017)* for more information on the existing condition of green and open spaces in the area.



ACCESS TO GREEN SPACES

- Unrestricted – publicly accessible
- Limited – not visible from street or requires booking
- Restricted – private

ACCESS TO PLAY SPACES

- Unrestricted – publicly accessible
- Limited – not visible from street or requires booking
- Restricted – private

HARD LANDSCAPING

- Publicly accessible
- hard-landscaped area

AWARDS AND CURRENT PROPOSALS

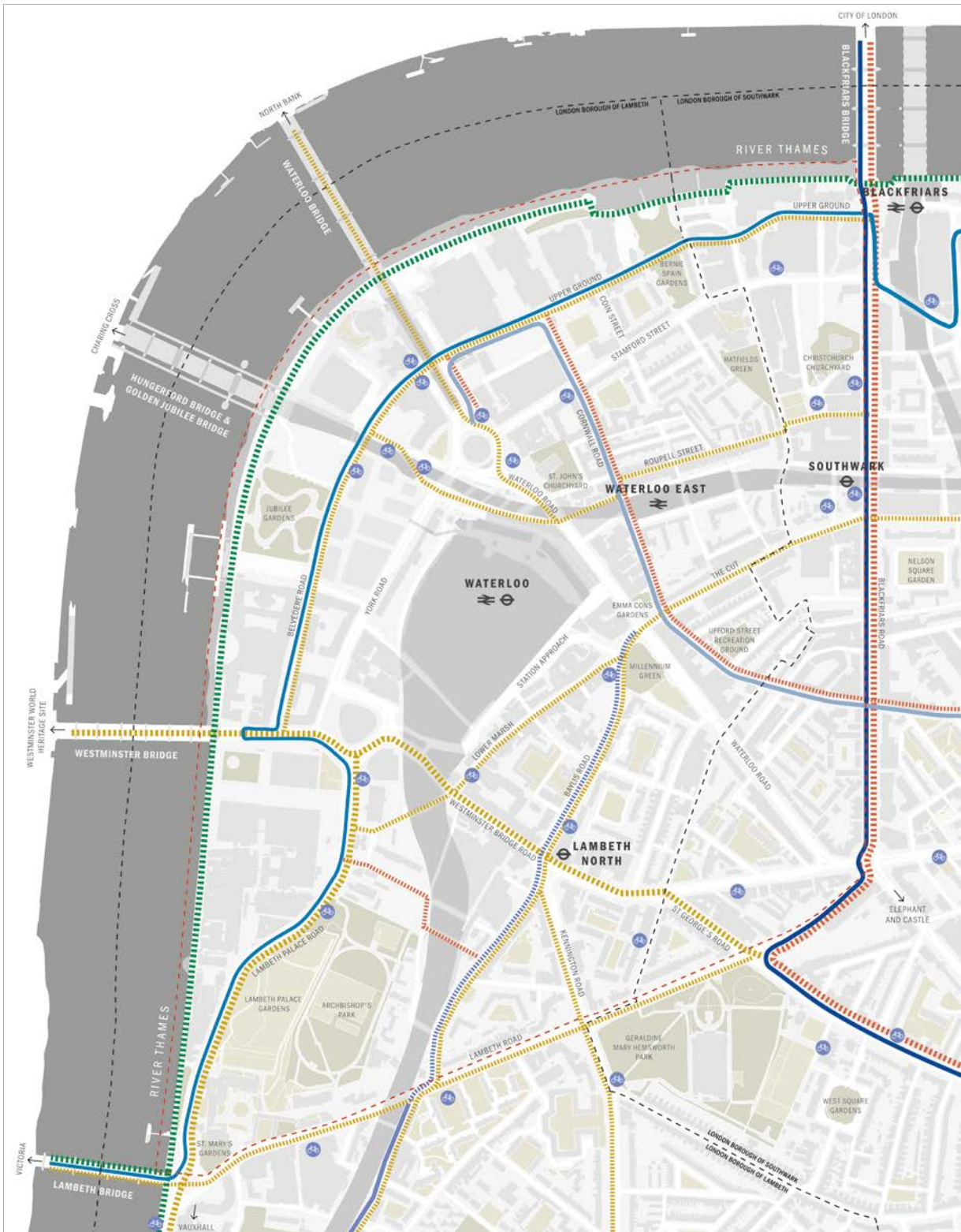
- ▲ Green Flag award
- | | | | Proposed 'Greenways' (SoWN)

BASE MAP

- Buildings
- Raised platform or viaduct
- River Thames
- - - Study area boundary
- - - Borough boundary

FIG.03 TRANSPORT: WALKING AND CYCLING NETWORK

Existing and proposed cycling and walking routes in Waterloo and South Bank. Refer to the *South Bank and Waterloo Cycling Action Plan (2011-16)*, the *Draft Lambeth Transport Strategy 2019–2041* and the *Lambeth Long Term Transport Strategy Part 2 (2017)* for information on proposed improvements to these routes.



CYCLING AND WALKING ROUTES

- TfL cycle docking station
- National Cycle Route 4
- North-South Cycle Superhighway
- Quietway 1
- Quietway 5
- Quietway 5 proposed extension
- Designated walking route

LAMBETH HEALTHY ROUTES

- Existing main routes
- Existing secondary routes
- Proposed main routes
- Proposed secondary routes

BASE MAP

- Green open space - public
- Green open space - private
- Buildings
- Raised platform or viaduct
- River Thames
- Study area boundary
- Borough boundary

FIG.04 TRANSPORT: RIVER AND RAIL NETWORK

Current London Underground, rail and river connections in Waterloo and South Bank. Refer to the *Lambeth Long Term Transport Strategy (2017)* for information on predicted increases to pedestrian footfall following planned upgrades to the Northern and Waterloo and City lines, the extension of the Bakerloo line, and the reopening of the former Waterloo International Terminal.

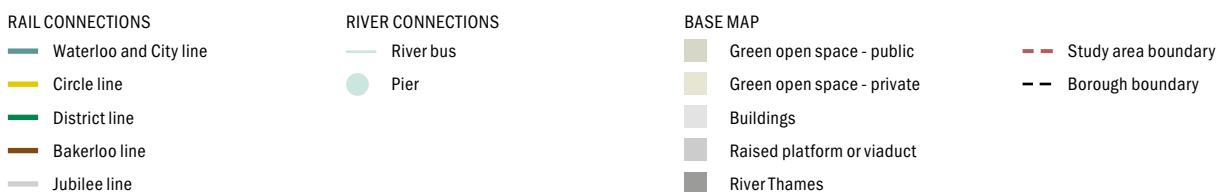


FIG.05

TRANSPORT: BUS NETWORK (DAY)

Existing bus stops and routes through Waterloo and South Bank, including tour buses. Refer to the *Waterloo Area SPD (2013)* for an assessment of major local bus interchange points and to the proposed plans for Waterloo City Hub for information on planned changes to the bus routes around the roundabout on Waterloo Road.



BUS CONNECTIONS

- Bus route
- Tour bus route
- Bus stop

BASE MAP

- Green open space - public
- Green open space - private
- Buildings
- Raised platform or viaduct
- River Thames
- - - Study area boundary
- - - Borough boundary

FIG.06 TRANSPORT: BUS NETWORK (NIGHT)

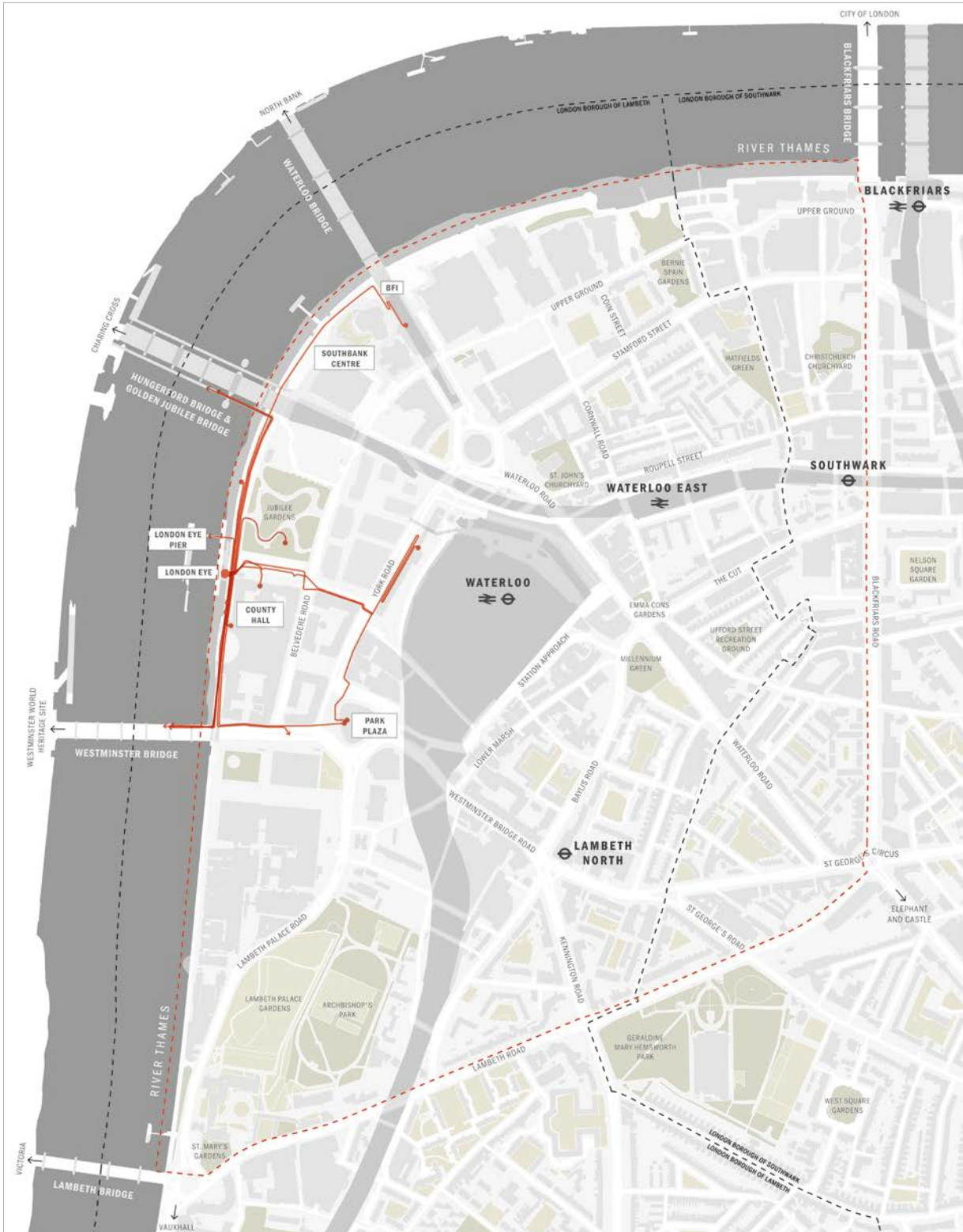
Existing night bus stops and routes through Waterloo and South Bank. Refer to the *Waterloo Area SPD (2013)* for an assessment of major local bus interchange points and to the proposed plans for Waterloo City Hub for information on planned changes to the bus routes around the roundabout on Waterloo Road.



- | | | |
|------------------------|----------------------------|-------------------------|
| BUS CONNECTIONS | BASE MAP | |
| — Night bus route | Green open space - public | --- Study area boundary |
| ⊕ Bus stop | Green open space - private | - - - Borough boundary |
| | Buildings | |
| | Raised platform or viaduct | |
| | River Thames | |

FIG.07 PEDESTRIAN MOVEMENT: LONDON EYE

In order to better understand walking routes from the river, Publica carried out an exercise following the routes of a sample of individual pedestrians from the London Eye on Thursday 25th January 2018 between 11:15am and 12:15am. This small sample cannot form a definitive analysis but can help to understand broader patterns of movement.



OBSERVED PEDESTRIAN ROUTES

- Observed pedestrian route
- Starting point of route
- End point of route
- Continued route

BASE MAP

- Green open space - public
- Green open space - private
- Buildings
- Raised platform or viaduct
- River Thames

- - - Study area boundary
- - - Borough boundary

FIG.08 PEDESTRIAN MOVEMENT: WATERLOO EAST

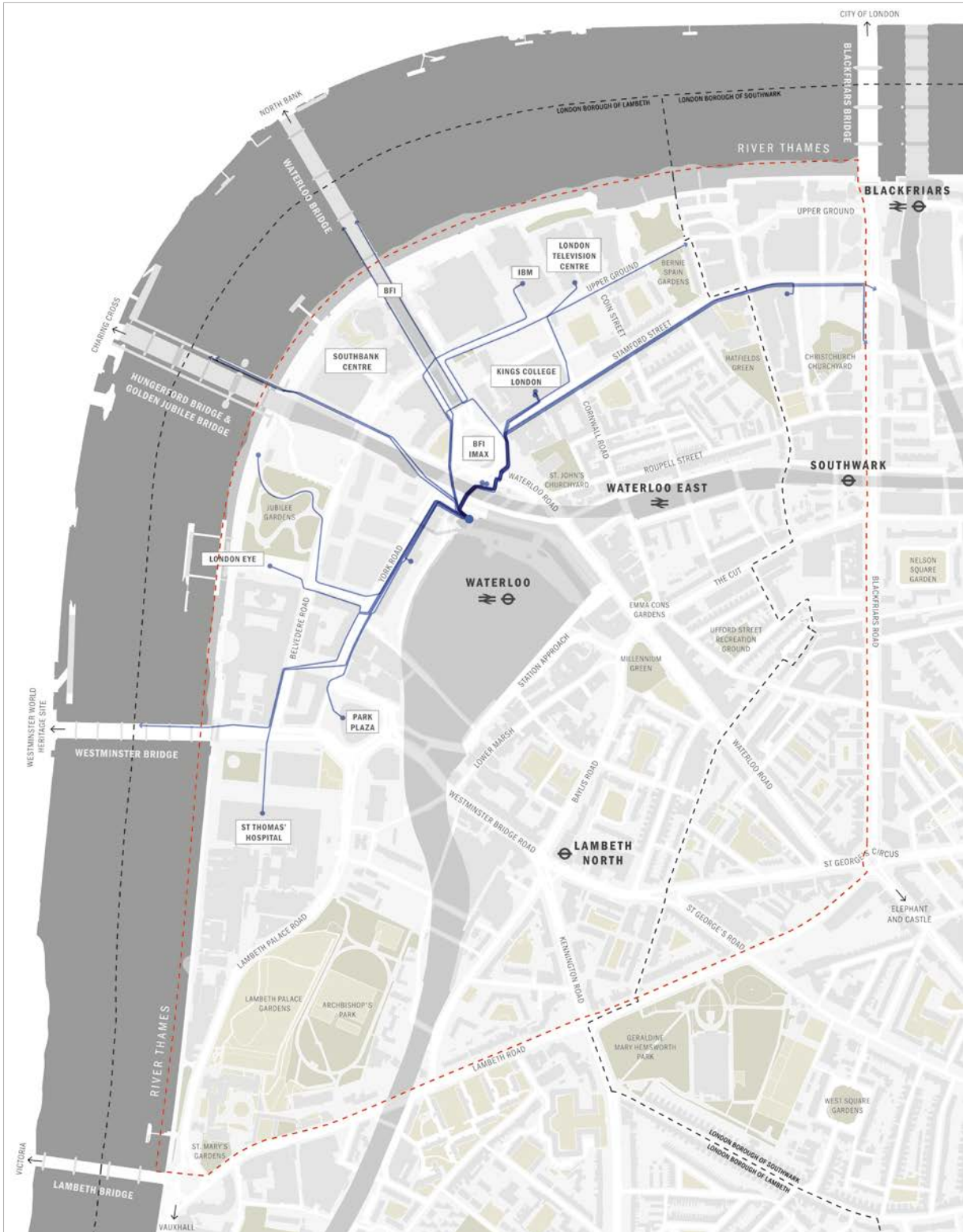
In order to better understand walking routes around Waterloo Station, Publica carried out an exercise following the routes of a sample of individual pedestrians from the Waterloo East station exit on Thursday 25th January 2018 between 8:30am and 9:30am. This small sample cannot form a definitive analysis but can help to understand broader patterns of movement.



- | | | |
|-----------------------------------|----------------------------|-------------------------|
| OBSERVED PEDESTRIAN ROUTES | BASE MAP | |
| — Observed pedestrian route | Green open space - public | — — Study area boundary |
| ● Starting point of route | Green open space - private | - - Borough boundary |
| ● End point of route | Buildings | |
| → Continued route | Raised platform or viaduct | |
| | River Thames | |

FIG.09 PEDESTRIAN MOVEMENT: VICTORY ARCH

In order to better understand walking routes from Waterloo Station, Publica carried out an exercise following the routes of a sample of individual pedestrians from the Victory Arch exit on Thursday 25th January 2018 between 8:30am and 9:30am. This small sample cannot form a definitive analysis but can help to understand broader patterns of movement.



OBSERVED PEDESTRIAN ROUTES

- Observed pedestrian route
- Starting point of route
- End point of route
- Continued route

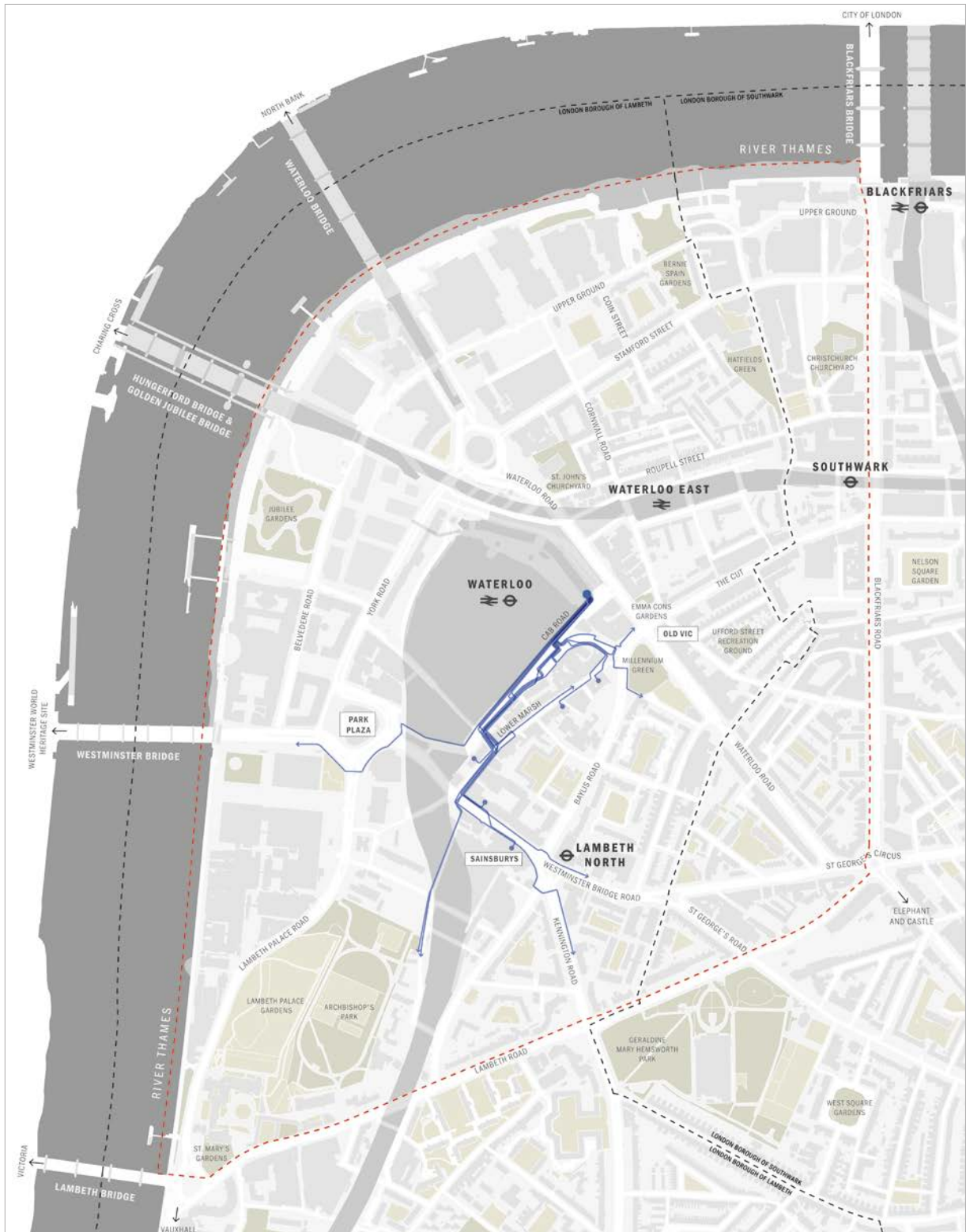
BASE MAP

- Green open space - public
- Green open space - private
- Buildings
- Raised platform or viaduct
- River Thames

- - - Study area boundary
- - - Borough boundary

FIG.10 PEDESTRIAN MOVEMENT: CAB ROAD

In order to better understand walking routes from Waterloo Station, Publica carried out an exercise following the routes of a sample of individual pedestrians from the Cab Road exit on Tuesday 19th December 2017 between 12:00pm and 1:00pm. This small sample cannot form a definitive analysis but can help to understand broader patterns of movement.



- | | | |
|-----------------------------------|----------------------------|-------------------------|
| OBSERVED PEDESTRIAN ROUTES | BASE MAP | |
| — Observed pedestrian route | Green open space - public | — — Study area boundary |
| ● Starting point of route | Green open space - private | - - Borough boundary |
| ● End point of route | Buildings | |
| → Continued route | Raised platform or viaduct | |
| | River Thames | |

FIG.11 PEDESTRIAN MOVEMENT: LOWER MARSH

In order to better understand walking routes around Waterloo Station, Publica carried out an exercise following the routes of a sample of individual pedestrians from Lower Marsh on Tuesday 19th December 2017 between 1:00pm and 2:00pm. This small sample cannot form a definitive analysis but can help to understand broader patterns of movement.



OBSERVED PEDESTRIAN ROUTES

- Observed pedestrian route
- Starting point of route
- End point of route
- Continued route

BASE MAP

- Green open space - public
- Green open space - private
- Buildings
- Raised platform or viaduct
- River Thames

- - - Study area boundary
- - - Borough boundary

FIG.12 MATERIAL STUDY: 'SOUTH BANK SPINE'

Survey of the ground materials along Belvedere Road and Upper Ground, often referred to as the 'South Bank Spine'. There is a wide variety of paving and surfacing materials along the length of this route.



MATERIAL STUDY

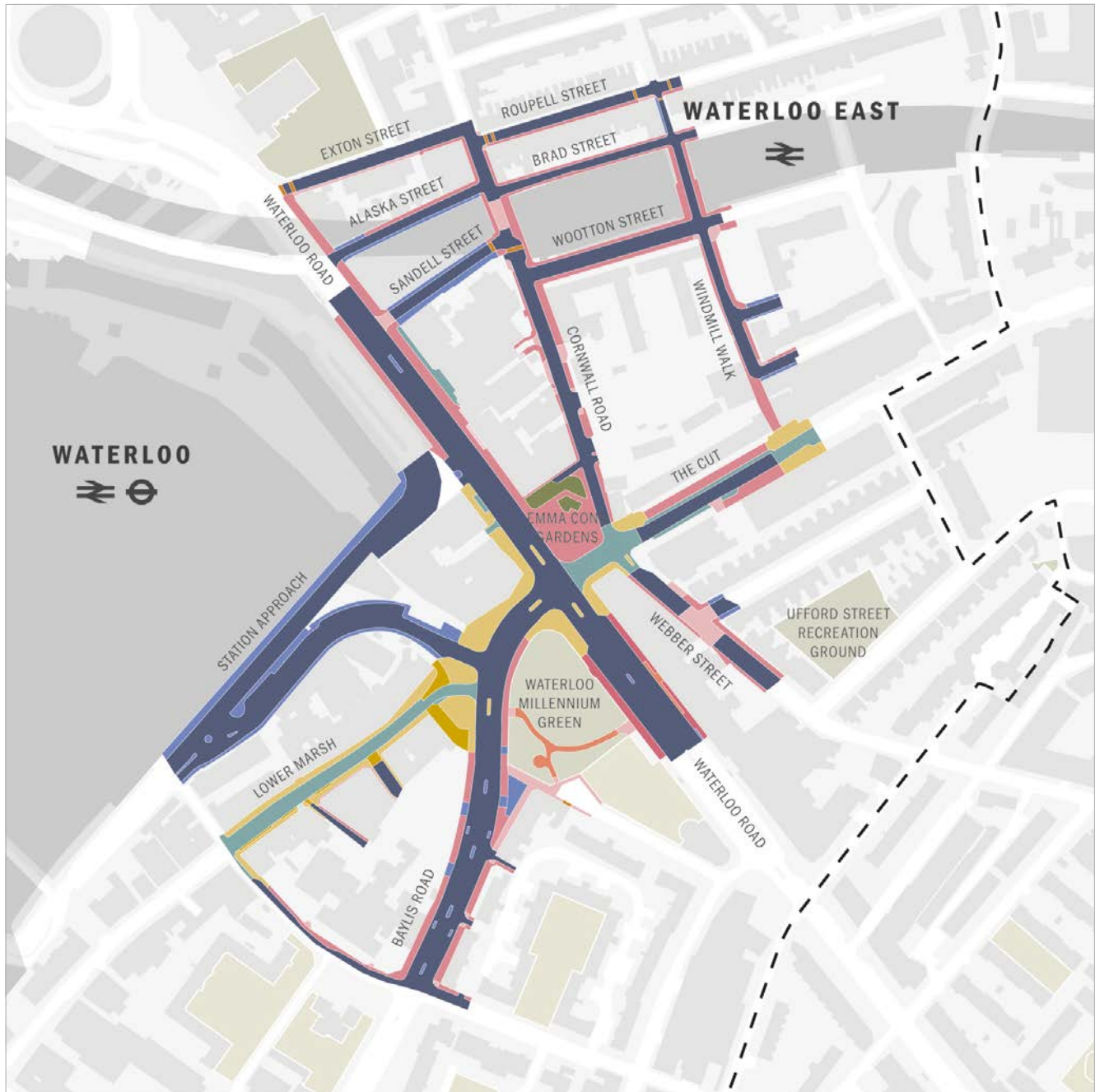
- Asphalt - pavement
- Asphalt - road
- Bound gravel
- Concrete - slabs
- Concrete - pavers
- Concrete - setts
- Granite - slabs
- Granite - pavers
- Granite - setts
- Planting

- York stone - slabs
 - Unknown stone - pavers
- BASE MAP**
- Green open space - public
 - Green open space - private

- Buildings
- Raised platform or viaduct
- River Thames
- Study area boundary
- Borough boundary

FIG.13 MATERIAL STUDY: EMMA CONS GARDENS

Survey of the ground materials within and surrounding Emma Cons Gardens to illustrate the changes in character and quality of materials in this area.



MATERIAL STUDY

- Asphalt - pavement
- Asphalt - road
- Bound gravel
- Concrete - slabs
- Concrete - pavers
- Concrete - setts
- Granite - slabs
- Granite - pavers
- Granite - setts
- Planting
- York stone - slabs
- Unknown stone - pavers

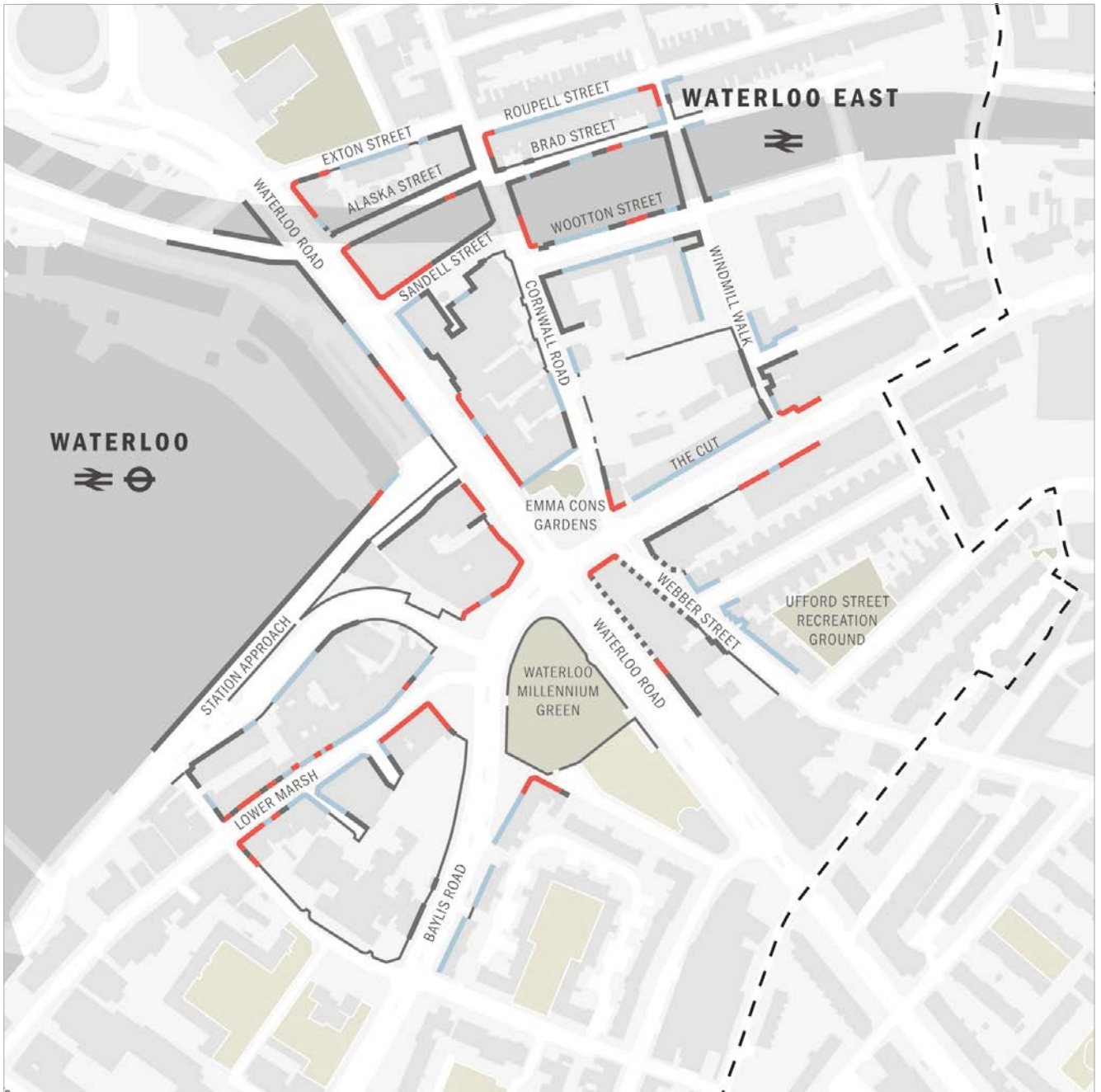
BASE MAP

- Green open space - public
- Green open space - private

- Buildings
- Raised platform or viaduct
- River Thames
- Study area boundary
- Borough boundary

FIG.14 FRONTAGES: EMMA CONS GARDENS

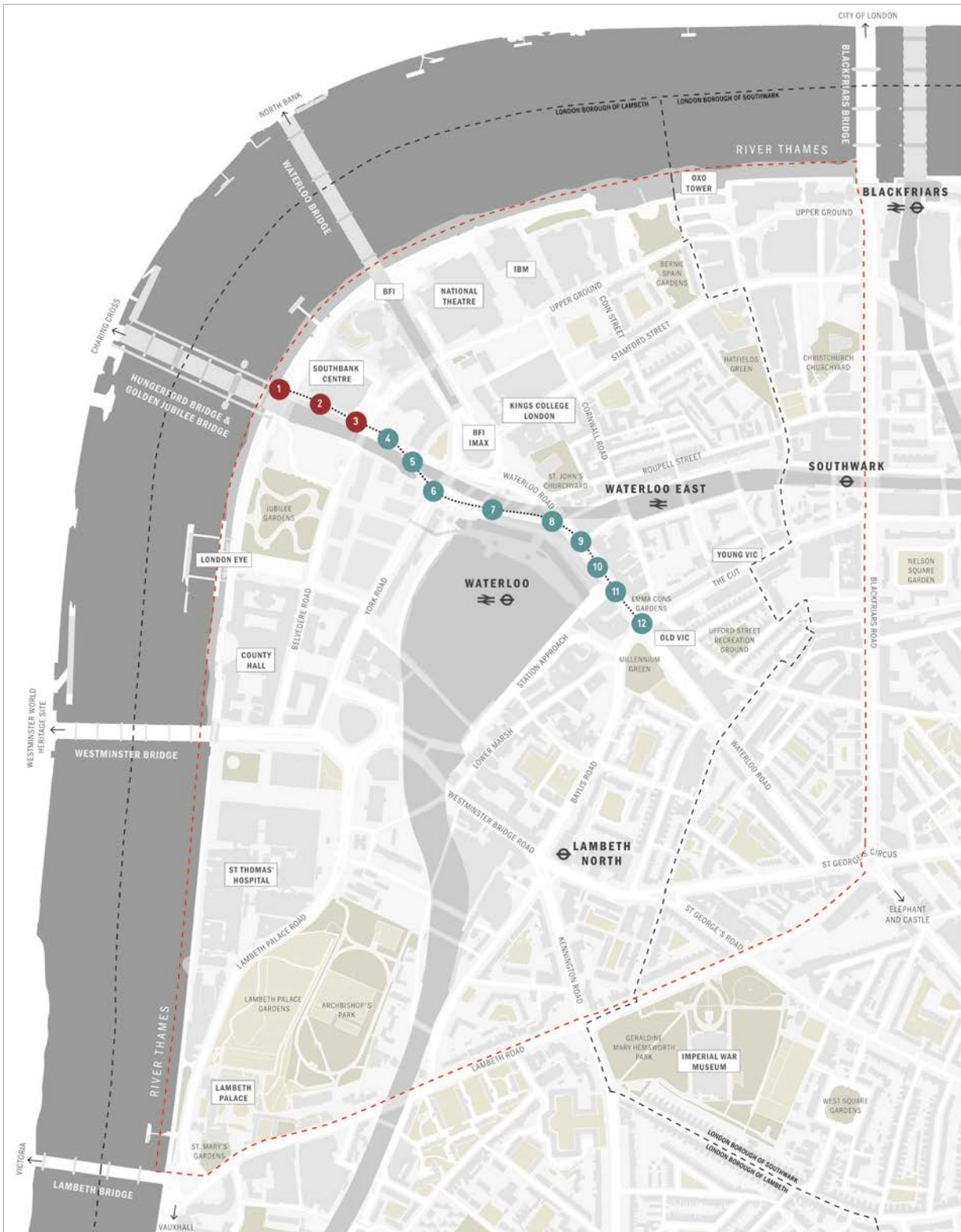
Survey of the frontage condition within and around Emma Cons Gardens, based on the interaction between the public realm and the facades. Active frontages have a high level of interaction with the street, while passive frontages create overlooking. Blank frontages are either blank walls or facades that block views in and out of the interior spaces.



- | | | |
|-----------------------|------------------------------|-------------------------|
| MATERIAL STUDY | BASE MAP | |
| — Active | ■ Green open space - public | --- Study area boundary |
| — Passive | ■ Green open space - private | --- Borough boundary |
| — Blank | ■ Buildings | |
| --- Feature wall | ■ Raised platform or viaduct | |
| — Fence | ■ River Thames | |

FIG.15 PEDESTRIAN MOVEMENT: TRANSITION AREAS

In order to illustrate the range of conditions encountered between the river and the centre of the Waterloo and South Bank area, a photo study was made of the route mapped out below. The photographs show the range of materials and urban scales as well as the varying condition and character of the public realm along this route.



TRANSITION AREAS

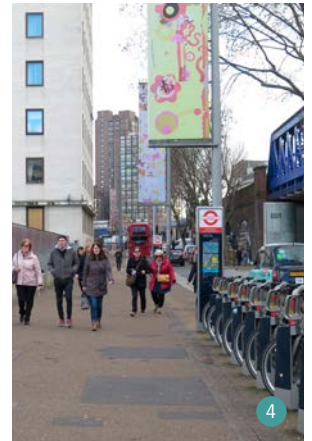
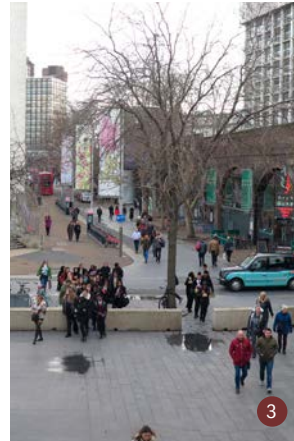
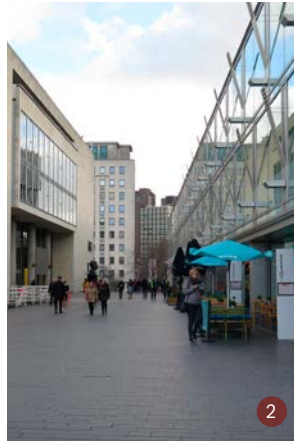
- Route from South Bank to Emma Cons Gardens
- 9 Metropolitan area viewpoint
- 2 Global area viewpoint

BASE MAP

- Green open space - public
- Green open space - private
- Buildings
- Raised platform or viaduct
- River Thames

- Study area boundary
- - - Borough boundary

PEDESTRIAN MOVEMENT: TRANSITION AREAS PHOTO STUDY



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21st MARCH 2019

The contents of this report are the result of on-street surveys, fieldwork and desk-based research undertaken between November 2017 and March 2018. Ordnance Survey digital mapping was used as a base for a number of drawings, and was provided by Lambeth Council under a contractor license © Crown copyright and Database rights 2016 OS 100019338. Please contact Lambeth Council for more information.

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