

# BRITISH MUSEUM

## Construction Management Plan – Construction Vehicle Route Risk Assessment

13/10/2023



# DOCUMENT CONTROL ISSUE SHEET

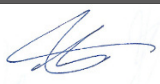

## Project & Document Details

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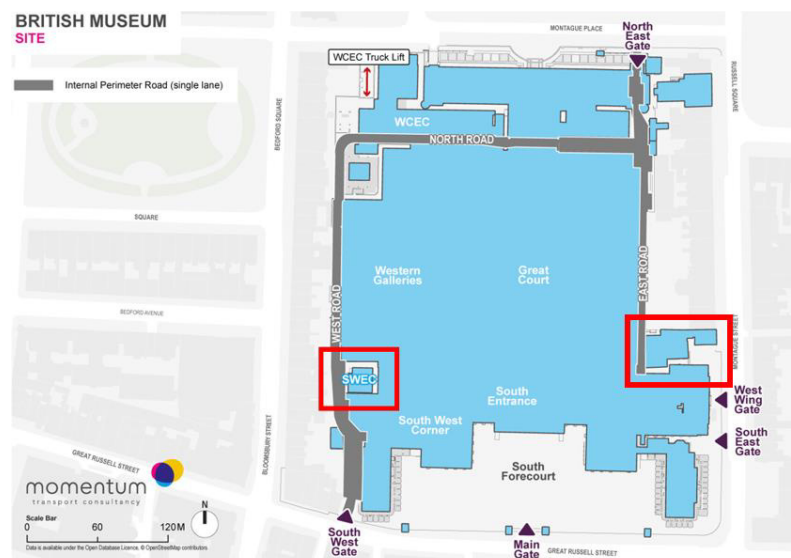


# 1. INTRODUCTION

## 1.1 Introduction to the Scheme

- 1.1.1 This construction vehicle route risk assessment has been produced by Momentum Transport Consultancy ('Momentum') on behalf of the British Museum ('the Museum') in the context of the preparation of the construction works for the associated Energy Centre Programme (ECP) scheme.
- 1.1.2 The ECP scheme is primarily located at the southwest corner and east side of the site as well as associated distribution works located around the internal perimeter road of the site (see Figure 1).

Figure 1 - SWECC location



- 1.1.3 This work builds upon previous vehicle Swept Path Analysis (SPA), vertical constraints assessments and structural assessments undertaken for this site in relation to vehicle access.
- 1.1.4 Since this previous analysis, the scheme has developed further and therefore, additional analysis is required to understand construction vehicle routing to the site to support the Construction Management Plan (CMP) submission to the London Borough of Camden (LBC).
- 1.1.5 This report assesses the risks for construction vehicles travelling the proposed route to and from site in association with the ECP scheme.

## 2. CONSTRUCTION ROUTE PLANS BACKGROUND

### 2.1 Construction Logistics and Community Safety (CLOCS)

- 2.1.1 Transport for London (TfL) published the 'Construction Logistics and Cyclist Safety' report in February 2013 which laid out findings on the incidence and profile of road accidents involving cyclists. This report formed the basis for the CLOCS programme. In December 2013 the CLOCS national standard was launched which requires all stakeholders in construction to take responsibility for the safety of all vulnerable road users. Version 4 of the CLOCS Standard was published in August 2022. The CLOCS standard, through a series of recommendations, aims to achieve a visionary change in the way that the construction industry manages work related road risk. This is being achieved through five primary goals:
- Improving vehicle safety through design and manufacture of safer new vehicles and fitment of appropriate safety equipment to existing vehicles
  - Addressing the safety imbalance in the construction industry through ensuring that road safety is considered as important as health and safety on site
  - Encouraging wider adoption of best practise across the construction logistics industry through taking best in class examples, developing a common national standard and embedding a new cultural norm
- 2.1.2 The 'Construction Logistics and Cyclist Safety' report makes the following recommendation, which will be addressed (within a 2.5 mile radius) further in this report:
- 'As part of the mandatory CLPs, principal contractors should define safer routes to their site (within a set radius, for example five miles), where possible avoiding risky areas such as schools, cyclist 'hotspots', narrow roads and difficult junctions. In all cases consideration should be given to minimising exposure to vulnerable road users'.
- 2.1.3 CLOCS has developed the 'CLOCS standard for construction logistics: Managing work related road risk (WRRR), August 2014', a common standard for use by the construction logistics industry. Implemented by construction clients through their contracts, it provides a framework that enables ownership

### 2.2 Fleet Operator Recognition Scheme (FORS)

- 2.2.1 To adhere to the CLOCS standard, FORS is a voluntary national fleet accreditation scheme designed to help improve safety, operational efficiency and reduce environmental impacts.
- 2.2.2 The purpose is to raise the level of quality within fleet operations and to recognise those operators achieving the requirements of the FORS Standard.
- 2.2.3 As part of a construction logistics plan, achievement and adherence to the FORS silver standard is possible through the procurement process for all fleet operators to engage and support a development.

## 2.3 TfL Construction Logistics Plan Guidance

- 2.3.1 The 'Construction Logistics Plan Guidance, April 2021' note produced by TfL has been reviewed and the relevant sections have been used to inform this section of the report.
- 2.3.2 The guidelines advise that strategic access routes should be used by construction vehicles accessing the site. Construction vehicle routes should be restricted to the Strategic Road Network (SRN) and the Transport for London's Road Network (TLRN), also known as Red Routes [source: <http://lruc.content.tfl.gov.uk/red-route-central-area-map.pdf> ]
- 2.3.3 The guidelines acknowledge that local access routes will need to be used, but that it must be demonstrated how these local routes link to the strategic route network. The guidelines also recommend that routes should be discussed and agreed with the planning authority, considering both capacity and safety.

## 3. RECOMMENDED CONSTRUCTION VEHICLE ROUTES

### 3.1 Construction Vehicle Routes

3.1.1 Construction vehicle routes to and from site have not currently been established. Therefore, the report assesses the expected routes to be undertaken from the North, South, East and West directions.

3.1.2 These routes have been developed into overview maps (see Appendix A – Routing Plans).

#### **ROUTE TO AND FROM LONDON**

3.1.3 Due to location of the site in London and the M25 circumnavigating the city, vehicles are expected to route to and from the city via motorways connected to the M25 for the North, South, East and West routes. Therefore, the primary focus of the vehicle routing is within London inside the M25.

#### **ROUTE WITHIN LONDON**

3.1.4 Once inside the M25, vehicles are expected to travel via Transport for London's (TfL) network of major road 'Red Routes'. Therefore, vehicles are expected to primarily use motorways, red routes and local to the site routes to complete journeys to and from site.

3.1.5 Euston Road is the closest Red Route to the site and is expected to be used for all routes. Between Euston Road and the site there are various route restrictions and hazards within LBC.

3.1.6 This report outlines the expected North, South, East and West routes and assesses the routes within the 2.5 mile radius of the site highlighting relevant risks (see Appendix A Routing Plans and associated Hazard tables in Appendix B).

#### **SITE ACCESS AND EGRESS LOCATION**

3.1.7 The site access and egress are located on Great Russel Street via the Southwest gate and Montague Place via the Northeast gate. Therefore, the route assessment includes vehicles:

- approaching and departing the site from the east and west of Great Russel Street for the Southwest gate
- approaching the site from the west and departing the site in a eastbound direction on Montague place for the Northeast gate.

3.1.8 Great Russel Street and Montague Place can become very busy street due to their location in central London and particularly Great Russel Street due to its proximity to the Museum's main public entrance. This report does not assess the site access and egress movements by the types of construction vehicles, only the expected routes to and from the site location.

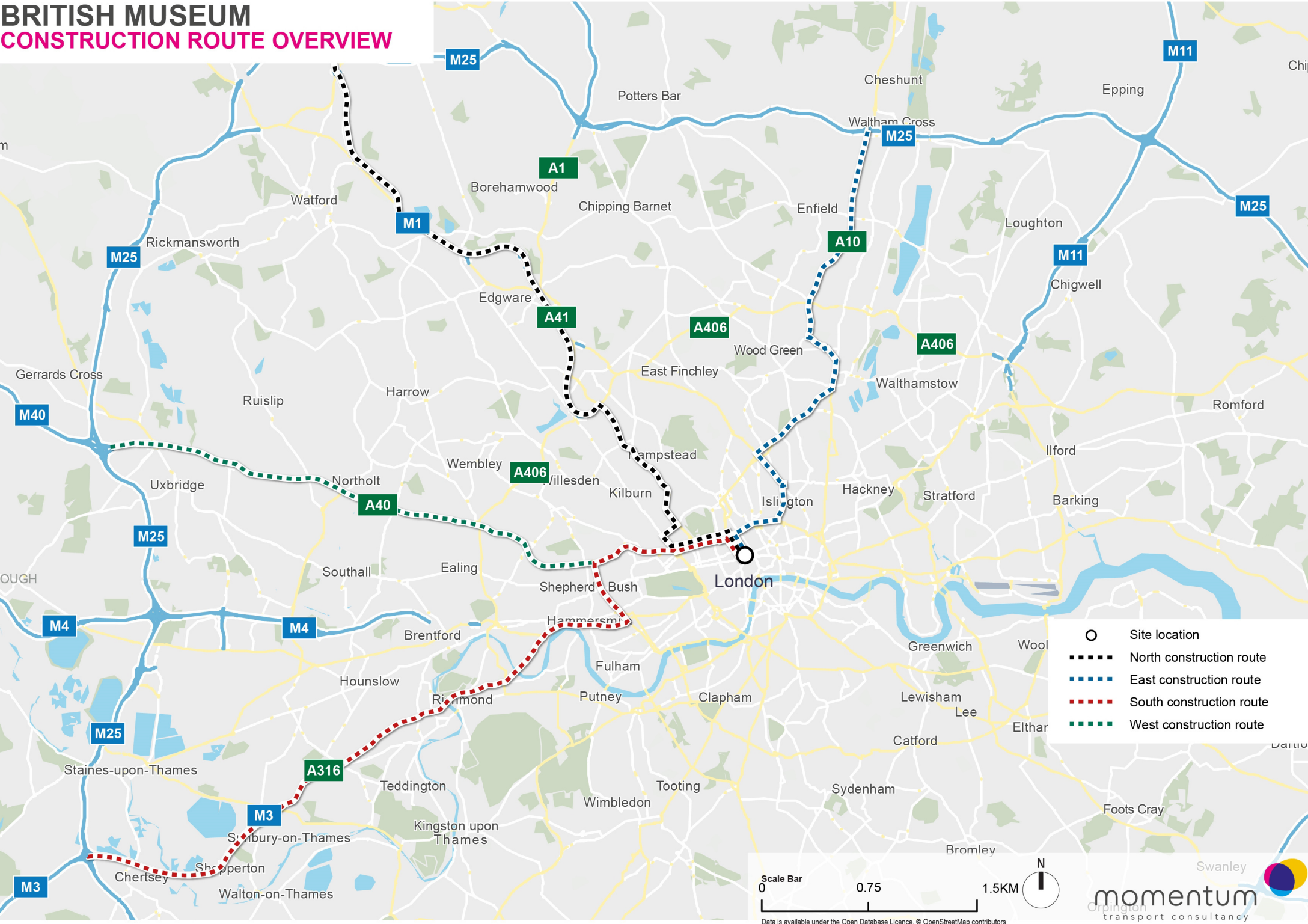
## 3.2 Vulnerable Road Users

- 3.2.1 The location of cycle routes, schools and hospitals have been identified up to 400m from the recommended construction routes.
- 3.2.2 The cycle routes identified have been taken from the classification used in the TfL London Cycle Guide maps. The TfL London Cycle maps use the following classification for cycle routes:
- Cycleway routes
  - Signposted cycle routes
  - Advisory cycle routes
  - Off-road cycle routes
- 3.2.3 Cycle routes are referred to as 'routes' not 'lanes' in the report. Cycle 'routes' refer to sections of the public highway which are part of the above classifications. Cycle 'lanes' refer to segregated or advisory marked lanes either on or off the carriageway.
- 3.2.4 Left turns made by large HGVs have been identified as a particularly hazardous manoeuvre due to the 'blind spot' that exists for right-hand drive vehicle drivers along a significant length of the left hand side of such vehicles. Cyclists tend to cycle on the left hand side of the carriageway, and indeed many 'Advanced cycle Stop Lines' (ASLs) at junctions include left hand feeder lanes that suggest cyclists are able to access ASLs via the left hand side of a waiting vehicle, thereby placing them directly in the blind spot of vehicles when doing so.
- 3.2.5 The construction routing plans in Appendix A highlight left turns in red. This would include a shared straight ahead and left turn lane – the key hazard here being cyclists looking to make a straight ahead movement and a construction HGV looking to make a left turn, which would therefore be across the path of a cyclist. Construction vehicle drivers should pay particular attention in these locations.

# **APPENDIX A – CONSTRUCTION ROUTING PLANS**

# BRITISH MUSEUM

## CONSTRUCTION ROUTE OVERVIEW





# BRITISH MUSEUM

## NORTH CONSTRUCTION ROUTE - INBOUND

Site location

National rail

School

Hospital  
*Includes Nursing Homes*

X

Hazardous ID location

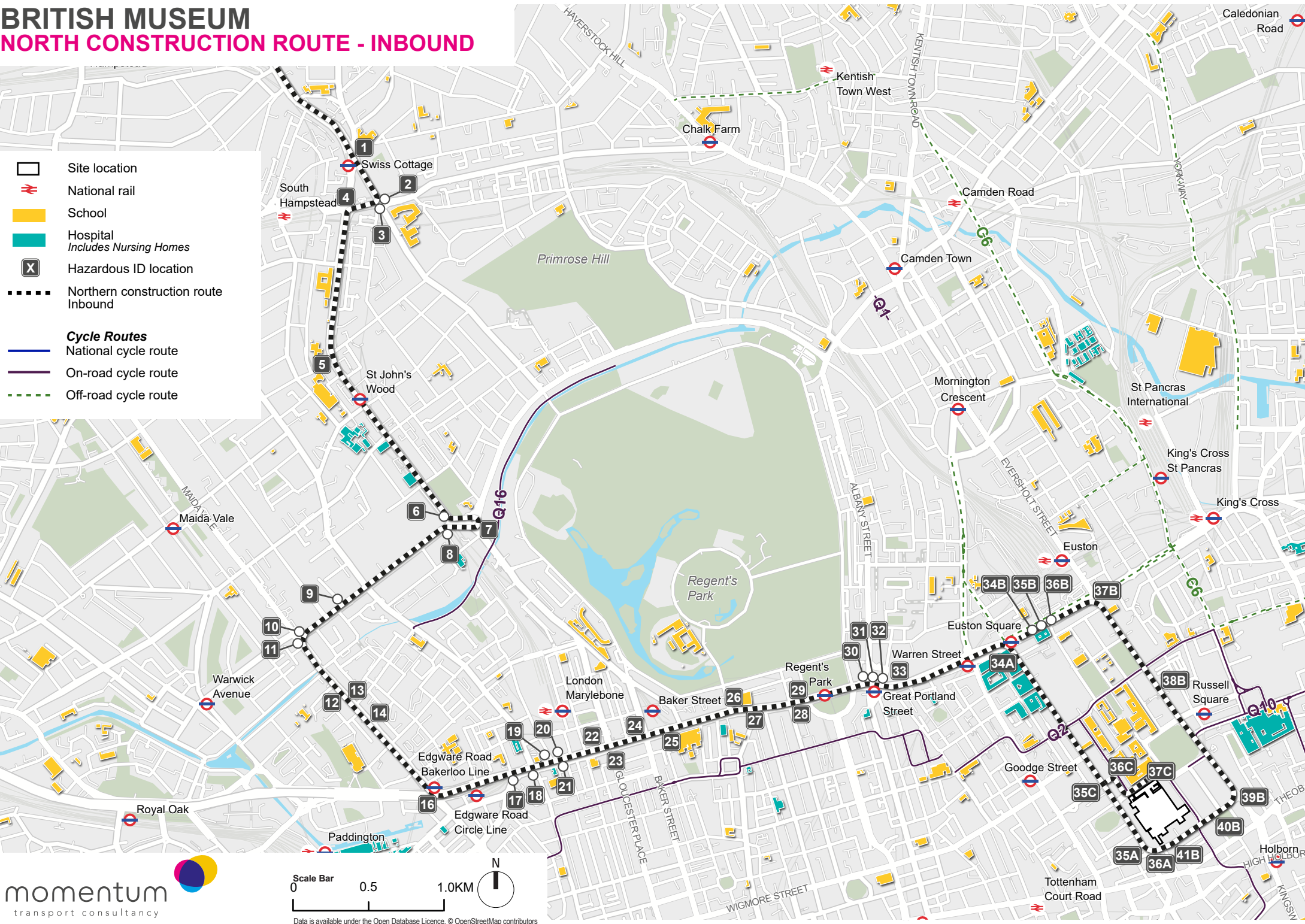
Northern construction route  
Inbound

**Cycle Routes**

National cycle route

On-road cycle route

Off-road cycle route





# BRITISH MUSEUM

## NORTH CONSTRUCTION ROUTE - OUTBOUND

Site location

National rail

School

Hospital  
*Includes Nursing Homes*

Hazardous ID location

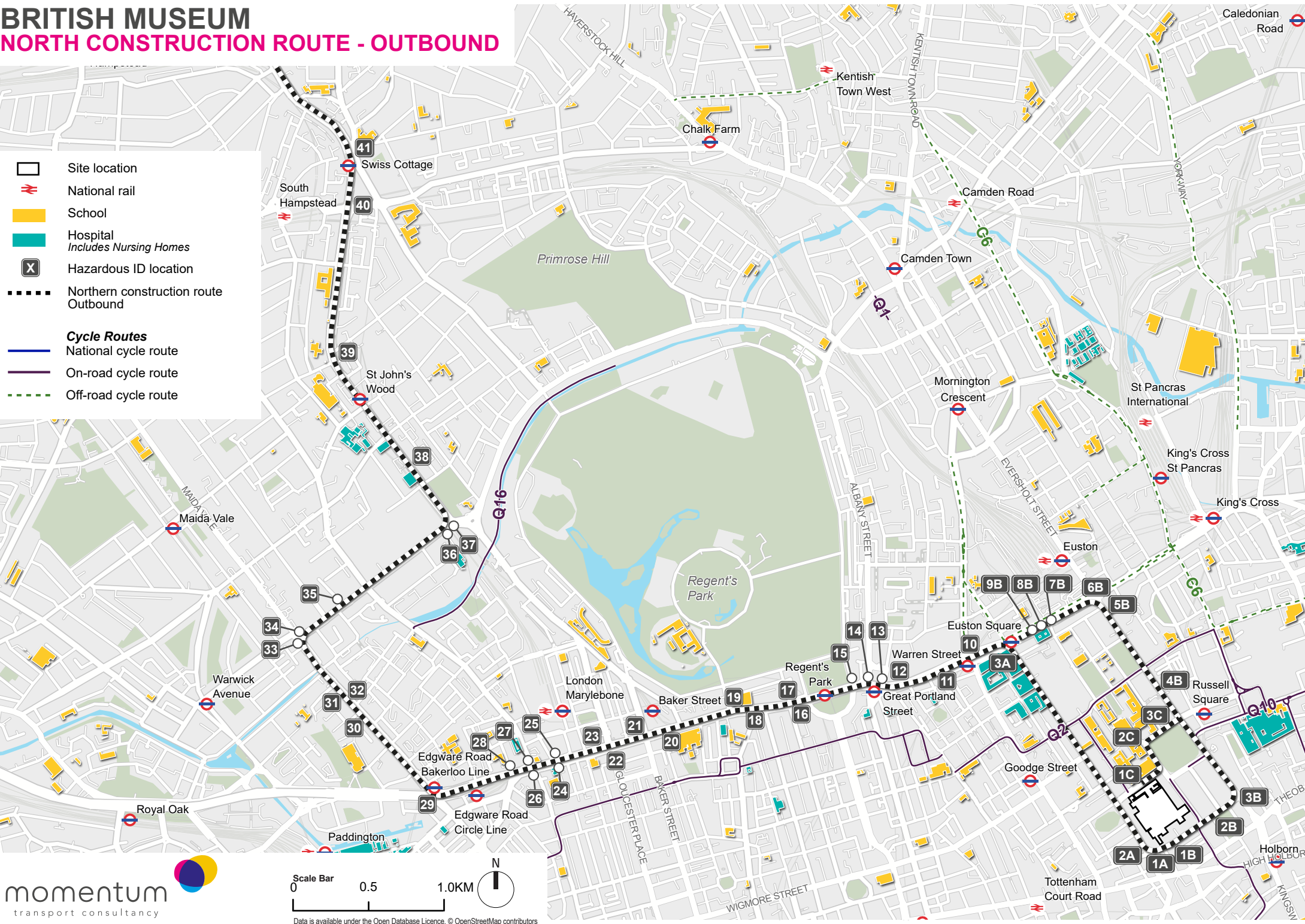
Northern construction route  
Outbound

**Cycle Routes**

National cycle route

On-road cycle route

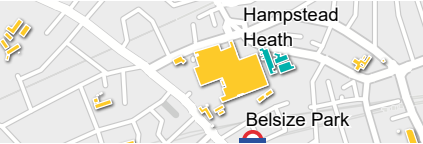
Off-road cycle route





# BRITISH MUSEUM

## EAST CONSTRUCTION ROUTE - INBOUND



Site location

National rail

School

Hospital  
Includes Nursing Homes

Hazardous ID location

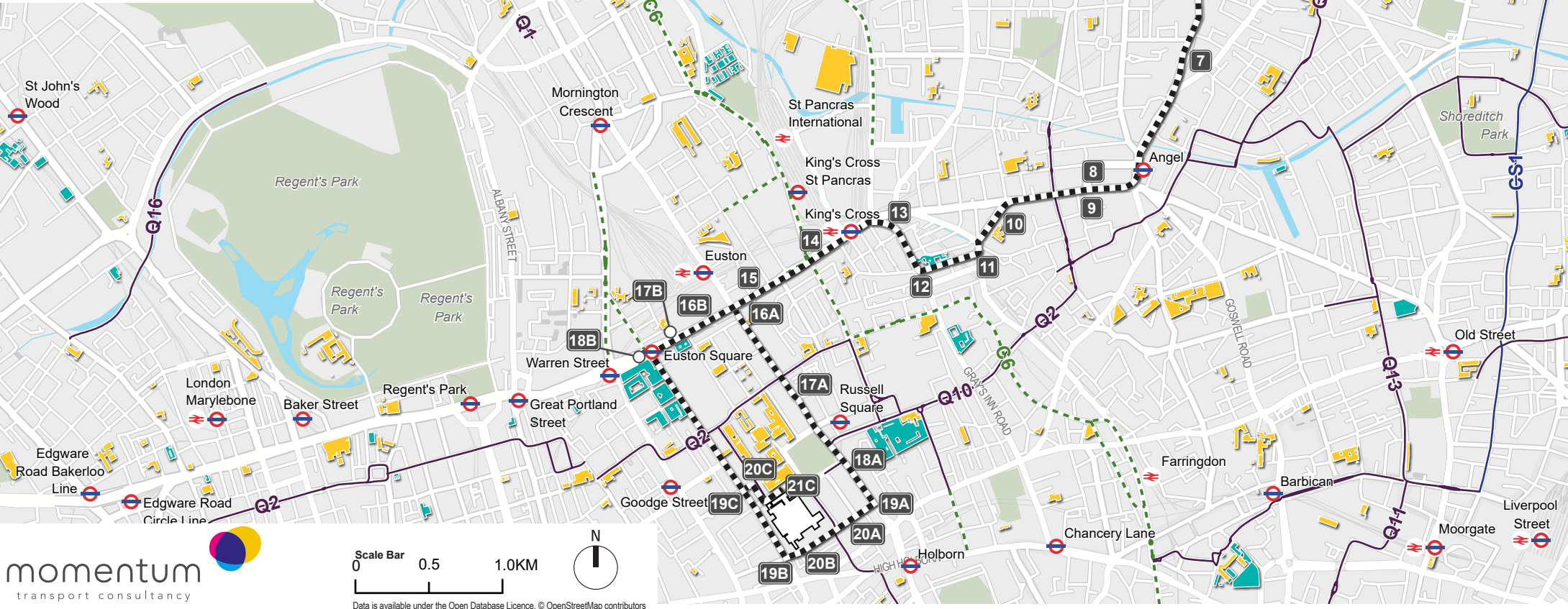
Eastern construction route  
Inbound

Cycle Routes

National cycle route

On-road cycle route

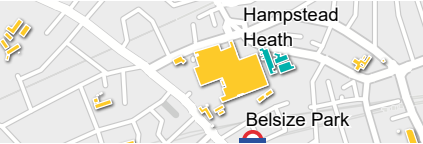
Off-road cycle route





# BRITISH MUSEUM

## EAST CONSTRUCTION ROUTE - OUTBOUND



Site location

National rail

School

Hospital  
*Includes Nursing Homes*

Hazardous ID location

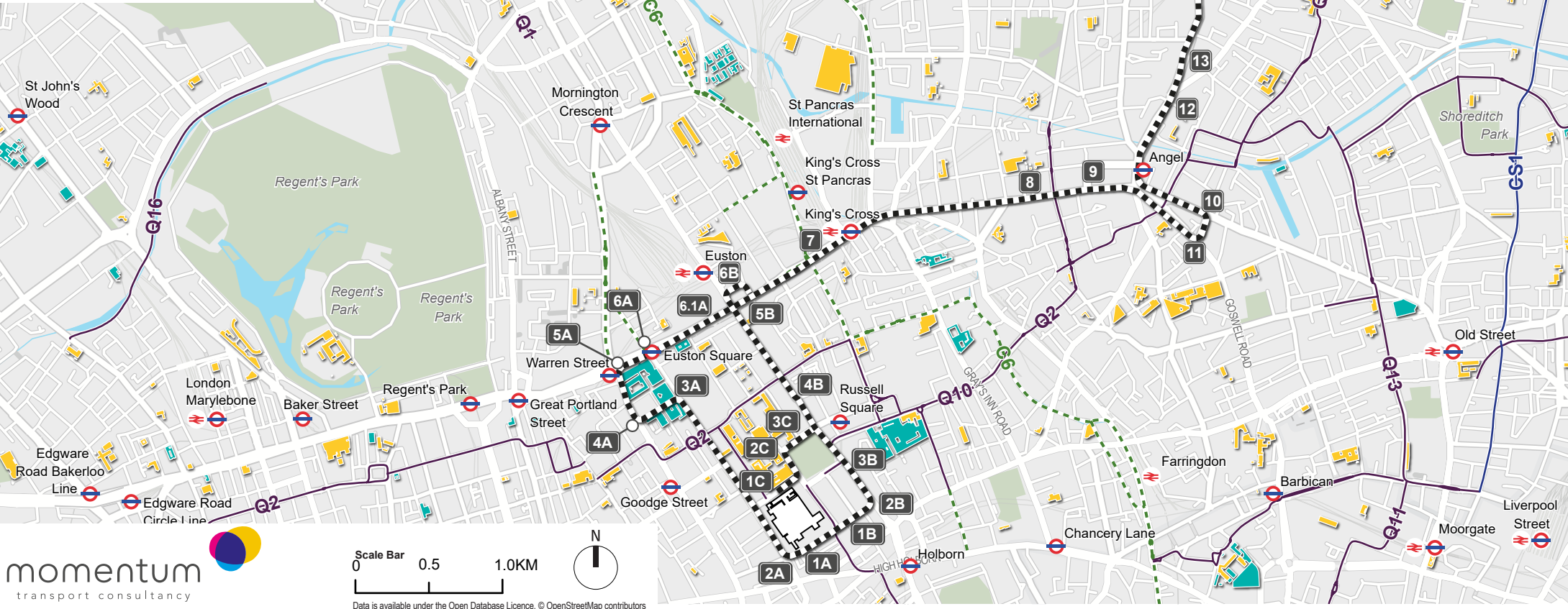
Eastern construction route  
Outbound

Cycle Routes

National cycle route

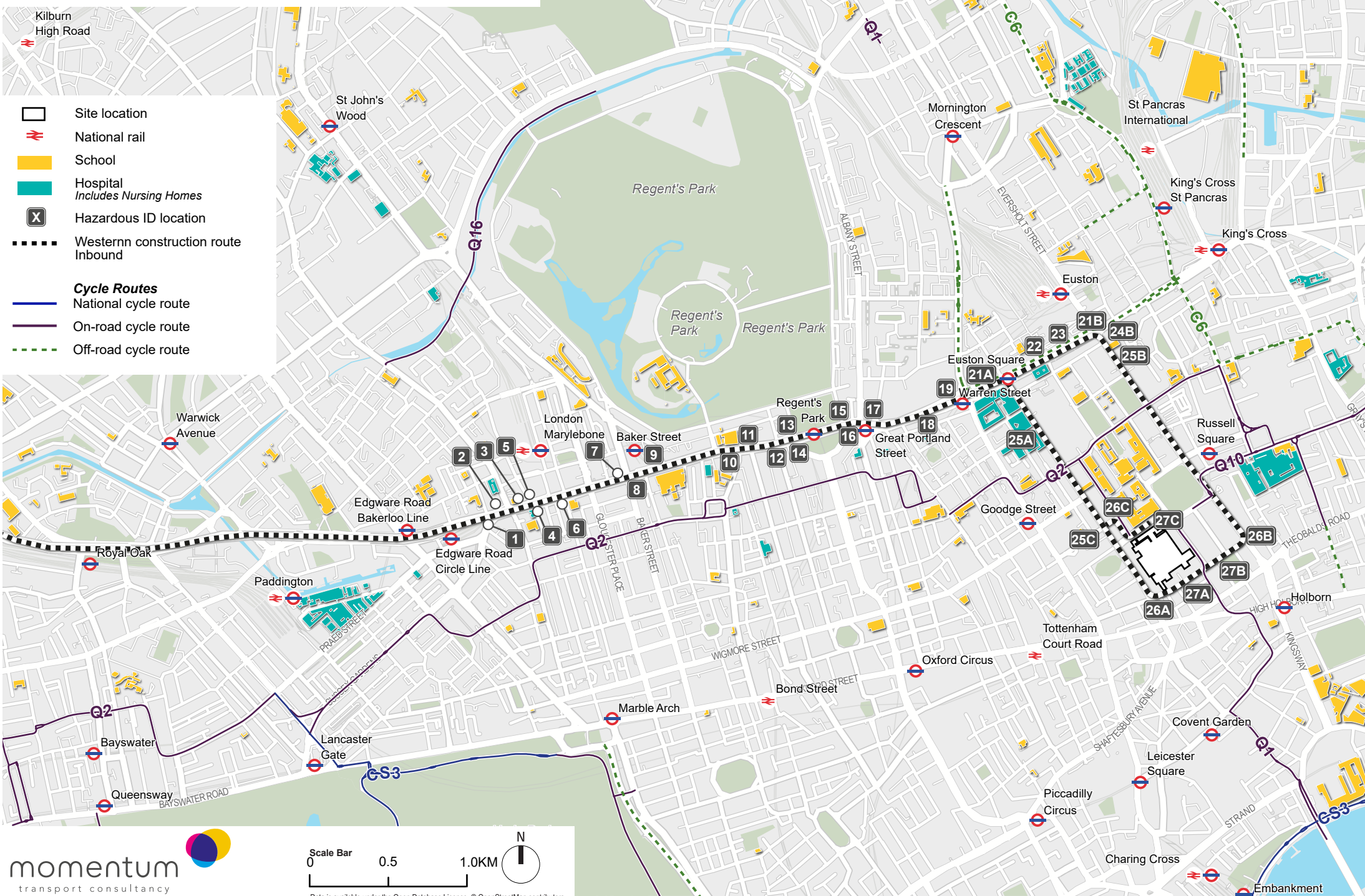
On-road cycle route

Off-road cycle route



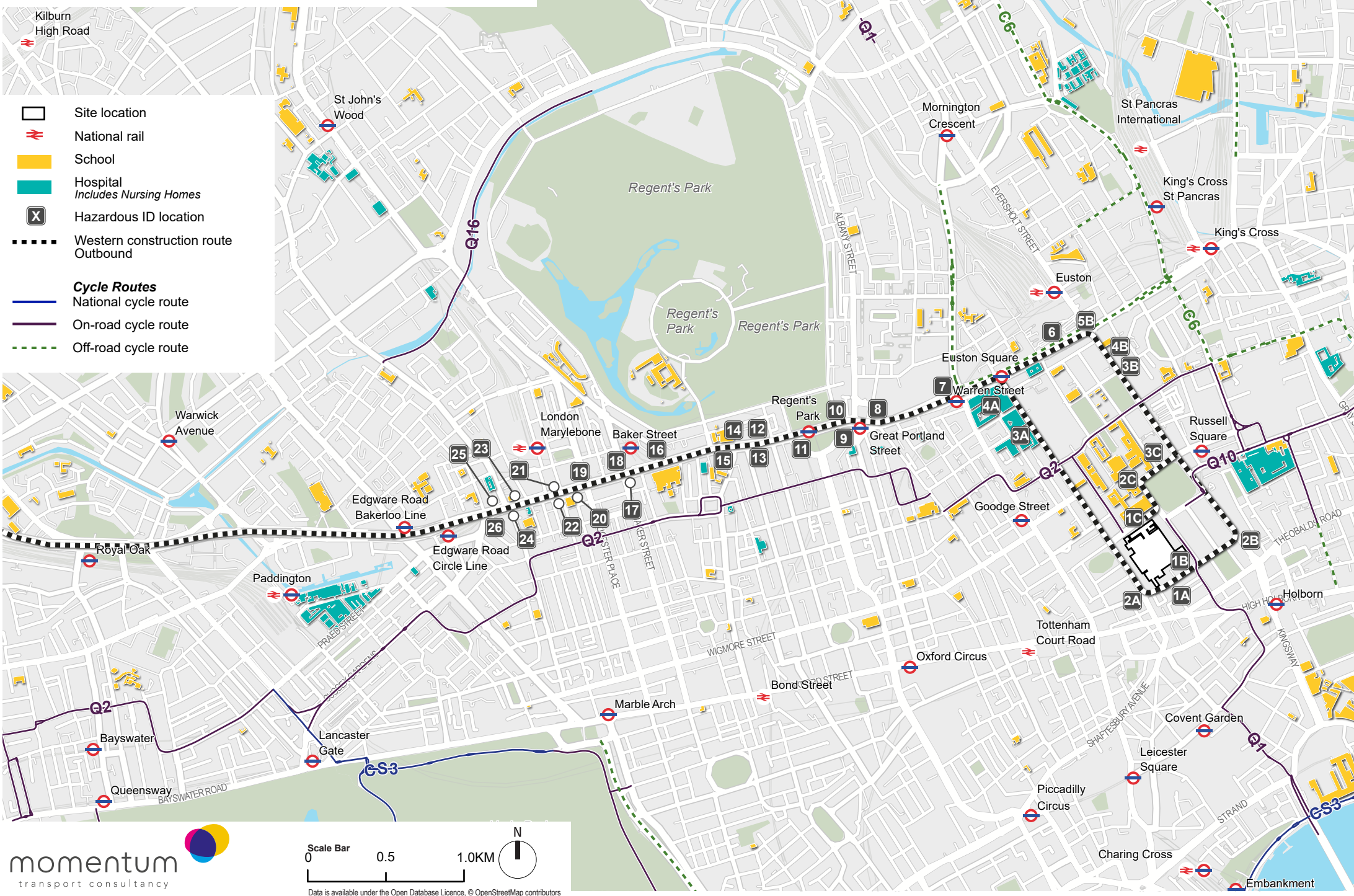


## WEST CONSTRUCTION ROUTE - INBOUND





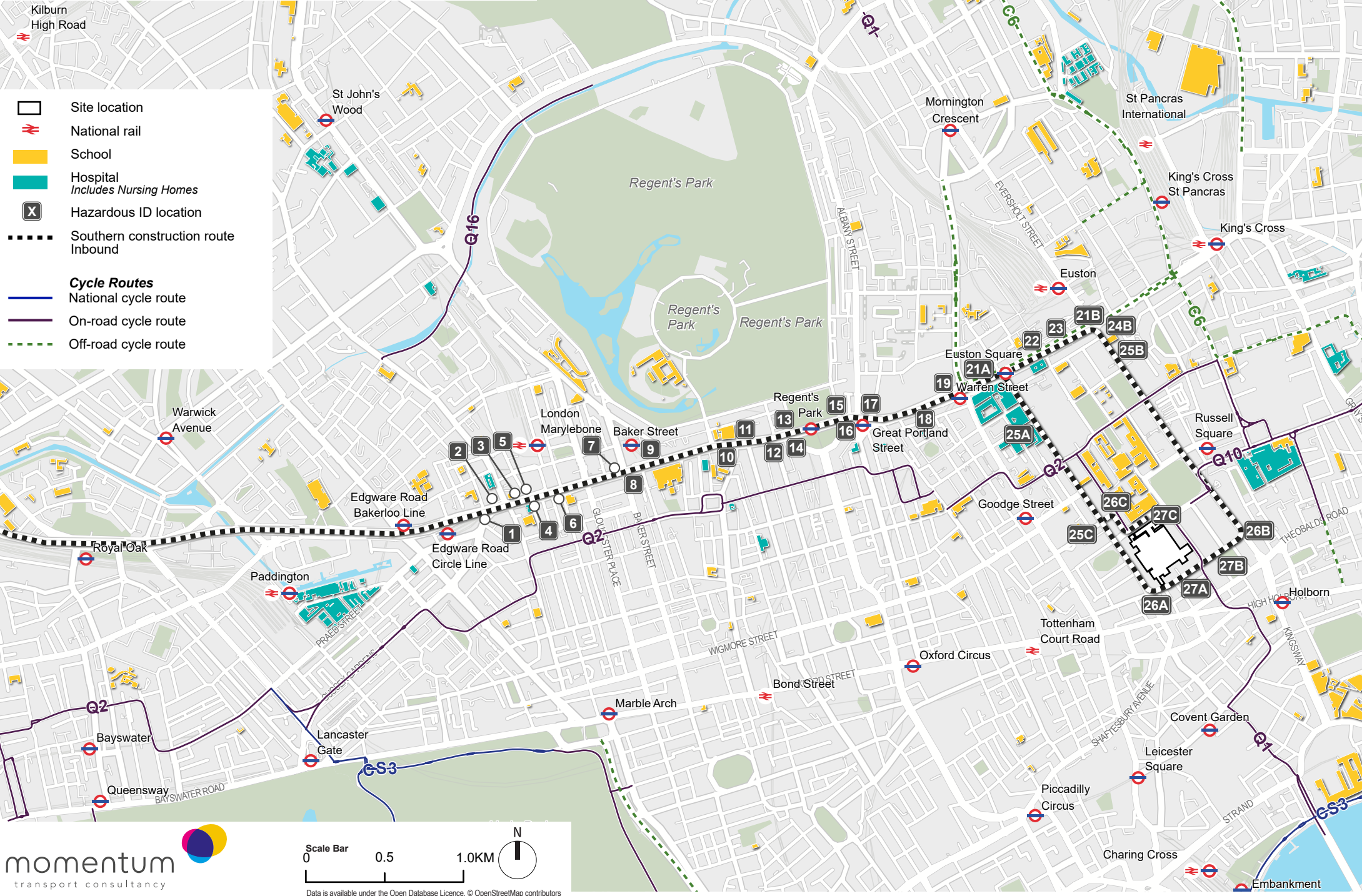
## WEST CONSTRUCTION ROUTE - OUTBOUND





# BRITISH MUSEUM

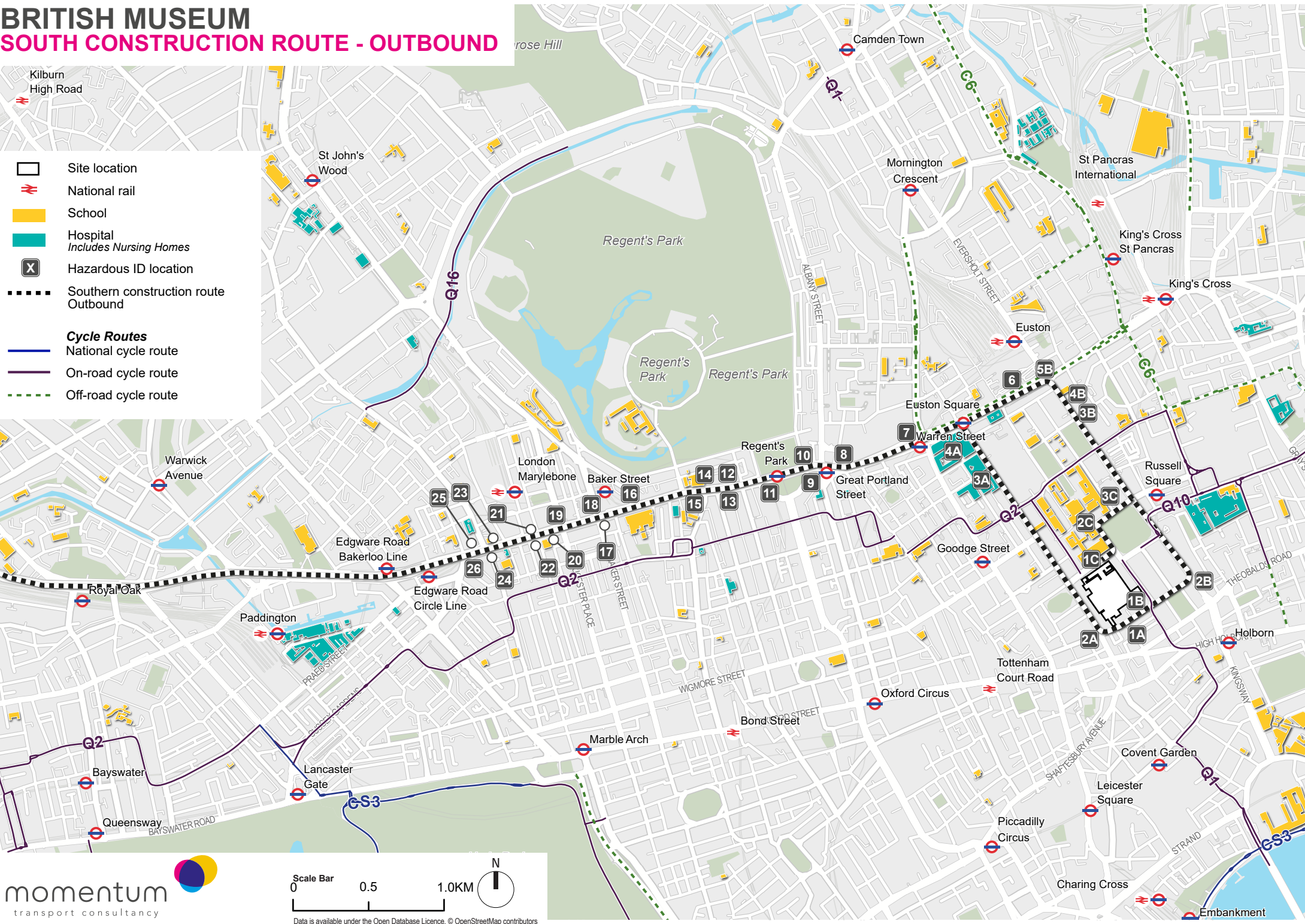
## SOUTH CONSTRUCTION ROUTE - INBOUND





# BRITISH MUSEUM

## SOUTH CONSTRUCTION ROUTE - OUTBOUND



## **APPENDIX B – HAZARD TABLES**



# NORTHERN ROUTE

ID	Location	Manoeuvre	Hazard	Observation
Northern Route Inbound				
1	A41	Stopping at signalised junction	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there might be cyclists waiting at the lights ahead or alongside the vehicle.
2	A41	Stopping at signalised junction	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there might be cyclists waiting at the lights ahead or alongside the vehicle.
3	Right lane on Adelaide Road heading towards Finchley Road	Right	Narrow road and tight turning radius. No designated cycle lane.	Driver must make a tight turn which could overrun into the adjacent lane. In addition, the cyclists do not have a designated cycle lane so they could be at risk of being knocked over when the vehicle is moving.
4	Junction between Finchley Road and Adelaide Road	Stopping at signalised junction	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there might be cyclists waiting at the lights ahead or alongside the vehicle.
5	Finchley Road	Stopping at signalised junction	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there might be cyclists waiting at the lights ahead or alongside the vehicle.
6	Wellington Road Roundabout / A5205	Stopping at signalised junction	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there might be cyclists waiting at the lights ahead or alongside the vehicle.
7	Roundabout on the a41 that leads to Park Road	Using the roundabout	Tight turning radius and cyclists	Driver is required to use the inner most lane to exit the roundabout correctly but the may pose an issue as the lane is narrow. The roundabout doesn't include a cycle lane so cyclists will use the main road , the drivers will have to be aware of this when using the roundabout.
8	Wellington Road Roundabout / A5205	Stopping at signalised junction	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there might be

				cyclists waiting at the lights ahead or alongside the vehicle.
9	A5205	Uncontrolled pedestrian crossing	Pedestrians crossing in front of vehicle	At this location the driver needs to be aware of the uncontrolled pedestrian crossing and be mindful of pedestrians crossing with minimal notice
10	A5205 heading onto Maida vale	Left	Tight turn and cyclists	Driver may have to use extra space in the box junction to execute the turn. A5205 splits up from 1 lane to 2 lanes , the driver must be cautious of this as there might be cyclists on the left lane when merging into that lane as there is no ASL.
11	A5205 / A5	Stopping at signalised junction	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there might be cyclists waiting at the lights ahead or alongside the vehicle.
12	A5	Uncontrolled pedestrian crossing	Pedestrians crossing in front of vehicle	At this location the driver needs to be aware of the uncontrolled pedestrian crossing and be mindful of pedestrians crossing with minimal notice
13	A5	Stopping at signalised junction	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there might be cyclists waiting at the lights ahead or alongside the vehicle.
14	A5	Uncontrolled pedestrian crossing	Pedestrians crossing in front of vehicle	At this location the driver needs to be aware of the uncontrolled pedestrian crossing and be mindful of pedestrians crossing with minimal notice
15	A5 Edgware Road	Straight ahead	Uncontrolled pedestrian crossing	Drivers must take extra care when approaching crossing point, do not overtake cyclists and take extra care when pedestrians are crossing.
16	Edgware Road heading onto Marylebone Road	Left	Cyclists	Driver must take extra precaution when undertaking this turn as there might be a cyclist heading straight.
17	A501	Stopping at signalised junction	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there might be cyclists waiting at the lights ahead or alongside the vehicle.
18	A501	Stopping at signalised junction	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there might be

				cyclists waiting at the lights ahead or alongside the vehicle.
19	A501	Stopping at signalised junction	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there might be cyclists waiting at the lights ahead or alongside the vehicle.
20	A501	Stopping at signalised junction	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there might be cyclists waiting at the lights ahead or alongside the vehicle.
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33	A501	Stopping at signalised junction	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there might be cyclists waiting at the lights ahead or alongside the vehicle.
Northern Route Inbound – Site Approach from the west of Great Russel Street				
34a	Euston Road	Straight ahead	Bus stop	There is a bus stop on either lane and if there are buses on the adjacent lane it could make 2 way movement difficult. There is an ambulance drop off point that drivers will have to be aware of.
35a	Bloomsbury Street to Great Russell street	Left	Tight turn	Tight turn into Great Russell Street. In addition pedestrians do not have a barrier so the driver will have to be cautious when turning into Great Russell Street
36a	Left turn into site from Great Russell Street	Left	Tight turn	Very tight turn , driver may require to use opposite lane to get into site. This vehicle needs to be marshalled.
Northern Route Inbound – Site Approach from the east of Great Russel Street				
34b	A501	Uncontrolled pedestrian crossing	Pedestrians crossing in front of vehicle	At this location the driver needs to be aware of the uncontrolled pedestrian crossing and be mindful of pedestrians crossing with minimal notice

35b	A501	Stopping at signalised junction	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there might be cyclists waiting at the lights ahead or alongside the vehicle.
36b	A501	Stopping at signalised junction	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there might be cyclists waiting at the lights ahead or alongside the vehicle.
37b	Junction between Euston Road and Upper Woburn Place	Stopping at signalised junction	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there might be cyclists waiting at the lights ahead or alongside the vehicle.
38b	Woburn Place	Uncontrolled pedestrian crossing	Pedestrians crossing in front of vehicle	At this location the driver needs to be aware of the uncontrolled pedestrian crossing and be mindful of pedestrians crossing with minimal notice
39b	Southampton Row to Bloomsbury Square	Right	Tight turn	Driver must be aware of the parked vehicles that may be situated into the road that they turn into. If a vehicle was parked up the driver must take extra precaution to ensure they navigate the road safely.
40b	Great Russel Street	Uncontrolled pedestrian crossing	Pedestrians crossing in front of vehicle	At this location the driver needs to be aware of the uncontrolled pedestrian crossing and be mindful of pedestrians crossing with minimal notice
41b	Right turn into site from Great Russell Street	Right	Tight turn	Very tight turn , driver may require to use opposite lane to get into site. This vehicle needs to be marshalled.
Northern Route Inbound – To North Eastern Entrance via Keppel Street				
35c	Left turn from Gower Street to Keppel Street	Left	Cyclists	Driver needs to be aware of cyclists when making the left the turn into Keppel Street with risk of 'left hook', due to no dedicated cyclist traffic signal phase
36c	Right turn from Malet Street to Montague Place	Left	Cyclist contraflow	Driver must be cautious of the contraflow bike lane when making the left turn and ensure sufficient space for cyclists using the cycle contraflow
37c	Montague Place to site	Right	Tight turn	Vehicle would need to be marshalled whilst accessing the site

Northern Route Outbound				
Northern Route Outbound – Site departure westbound on Great Russel Street				
1a	Turning out of site from Great Russell Street	Right	Tight turn	Very tight turn , driver may require to use opposite lane to get into site
2a	Great Russell Street turning into Bloomsbury Street	Right	Tight turn	Tight turn into Bloomsbury avenue. In addition pedestrians do not have a barrier.
3a	Gower street to Euston road	Left bend	Cyclists	Driver needs to be careful when going around this corner as cyclists could be hit.
Northern Route Outbound – Site departure eastbound on Great Russel Street				
1b	Turning out of site from Great Russell Street	Left	Tight turn	Very tight turn , driver may require to use opposite lane to get into site
2b	Great Russel Street	Uncontrolled pedestrian crossing	Pedestrians crossing in front of vehicle	At this location the driver needs to be aware of the uncontrolled pedestrian crossing and be mindful of pedestrians crossing with minimal notice
3b	Bloomsbury place turning onto Southampton Row	Left	Tight turn	Driver must be aware of the parked vehicles that may be situated into the road that they turn into. If a vehicle was parked up the driver must take extra precaution to ensure they navigate the road safely.
4b	Woburn Place	Uncontrolled pedestrian crossing	Pedestrians crossing in front of vehicle	At this location the driver needs to be aware of the uncontrolled pedestrian crossing and be mindful of pedestrians crossing with minimal notice
5b	A4200 to Euston Road (A501)	Left	Small left turning pocket & cyclists	There is a very small pocket for drivers to use to turn left due to the bus lane , when moving the driver may have to use 2 lanes to complete the turn which could be unsafe for cyclists and other motorists.
6b	A501	Stopping at signalised junction	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there might be cyclists waiting at the lights ahead or alongside the vehicle.
7b	A501	Stopping at signalised junction	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there might be cyclists waiting at the lights ahead or alongside the vehicle.

8b	A501	Stopping at signalised junction	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there might be cyclists waiting at the lights ahead or alongside the vehicle.
9b	A501	Uncontrolled pedestrian crossing	Pedestrians crossing in front of vehicle	At this location the driver needs to be aware of the uncontrolled pedestrian crossing and be mindful of pedestrians crossing with minimal notice
Northern Route Outbound – Site departure via the north eastern exit				
1c	Right turn out of site to Montague Place	Right	Tight turn	Vehicle would need to be marshalled whilst exiting the site
2c	Montague Place to Russell Square	Left	Cycle lane	Driver will need to be cautious of the contraflow cycle lane when making the left turn
3c	Russell Square to A4200	Left	Cyclist	Manoeuvre risks left hook conflict with cyclists and drivers need to be aware of cyclists adjacent to the vehicle
Northern Route Outbound Continued				
10	A501	Stopping at signalised junction	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there might be cyclists waiting at the lights ahead or alongside the vehicle.
11	Euston Road	Straight ahead	Bus stop	There is a bus stop on either lane and if there are buses on the adjacent lane it could make 2 way movement difficult. There is an ambulance drop off point that drivers will have to be aware of.
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27	A501	Stopping at signalised junction	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there might be cyclists waiting at the lights ahead or alongside the vehicle.
28	A501	Stopping at signalised junction	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there might be cyclists waiting at the lights ahead or alongside the vehicle.
29	Harrow Road (A404)	Right	Electric vehicles & Cyclists	Driver must be aware of possible Electric vehicles leaving the parking bays to the east. In addition this road is narrow and cyclists could pull up to the left of the drivers.
30	A5	Uncontrolled pedestrian crossing	Pedestrians crossing in front of vehicle	At this location the driver needs to be aware of the uncontrolled pedestrian crossing and be mindful of pedestrians crossing with minimal notice
31	A5	Stopping at signalised junction	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there might be cyclists waiting at the lights ahead or alongside the vehicle.
32	A5	Uncontrolled pedestrian crossing	Pedestrians crossing in front of vehicle	At this location the driver needs to be aware of the uncontrolled pedestrian crossing and be mindful of pedestrians crossing with minimal notice
33	Maida vale heading onto A5205	Right	Tight turn & Cyclists	Driver has to use the right lane to execute the turn , they may have to wait in the right lane till there's adequate space to make the turn safely
34	A5205 / A5	Stopping at signalised junction	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there might be cyclists waiting at the lights ahead or alongside the vehicle.

35	A5205	Uncontrolled pedestrian crossing	Pedestrians crossing in front of vehicle	At this location the driver needs to be aware of the uncontrolled pedestrian crossing and be mindful of pedestrians crossing with minimal notice
36	St John's Wood Road to Wellington Road	Left	Tight turn & Cyclists	Driver must take extra caution when making this turn as cyclists will mostly likely be to the west of the lane.
37	Wellington Road Roundabout / A5205	Stopping at signalised junction	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there might be cyclists waiting at the lights ahead or alongside the vehicle.
38	Wellington Road	Straight	Merging lanes	Lanes merging , driver must be cautious when merging lanes
39	Finchley Road	Stopping at signalised junction	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there might be cyclists waiting at the lights ahead or alongside the vehicle.
40	Junction between Finchley Road and Adelaide Road	Stopping at signalised junction	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there might be cyclists waiting at the lights ahead or alongside the vehicle.
41	A41	Stopping at signalised junction	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there might be cyclists waiting at the lights ahead or alongside the vehicle.

# EASTERN ROUTE

ID	Location	Manoeuvre	Hazard	Observation
Eastern Route Inbound				
1	Holloway Road	Straight Ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.
2	Holloway Road	Straight Ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.
3	Holloway Road	Straight Ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.
4	Holloway Road	Straight Ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.
5	Holloway Road turning into Highbury Corner Memorial	Right bend/ right turn	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle. driver should be aware of people who run redlights.
6	A1 Upper Street	Straight	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.
7	A1 Upper Street connection with A104 Islington Green	Straight	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.
8	A501 Pentonville Road	Straight	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.
9	Pentonville Road	Straight ahead	Merging lanes	2 Lanes merge into 1 lane.

10	Penton Rise	Straight ahead	Steep downhill gradient	Construction vehicles with heavy loads will have to be cautious when going down this road.
11	King Cross road to Swinton Street	Right	Pedestrians & tight turn, No ASL present for cyclists	Driver must be aware of potential pedestrians crossing and to use a slower speed to make that turn as it is tight. Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.
12	Swinton Street to Grays Inn Road	Right	No ASL present for cyclists	Cyclists could be situated to the west of the lane , when turning the construction vehicle must use caution
13	Grays Inn Road	Straight	Pedestrians, No ASL present for cyclists	High volume of pedestrians coming from Kings Cross station will be around this area and could overflow into the roads. Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.
14	A501	Straight	Pedestrians, No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.
15	A501	Straight	Pedestrians, No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.
Eastern Route Inbound – Site Approach from the west of Great Russel Street				
16b	A501	Straight	Pedestrians, No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.
17b	A501	Straight	Pedestrians, No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.

18b	Euston Road tuning onto Gower Street	Left	Pedestrians and Cyclists	Due to Euston square station being close by, there is likely to be more pedestrians crossing the road , drivers should be aware of this.
19b	Bloomsbury Place turning onto Great Russell Street	Left	Tight turn	Driver must be aware of the parked vehicles that may be situated into the road that they turn into. If a vehicle was parked up the driver must take extra precaution to ensure they navigate the road safely.
20b	Left turn into site from Great Russell Street	Left	Tight turn	Very tight turn , driver may require to use opposite lane to get into site
Eastern Route Inbound – Site Approach from the east of Great Russel Street				
16a	Euston Road to A4200	Left	Tight turn & Pedestrians, No ASL present for cyclists	Difficult turn to make as its very tight. In addition there is a pedestrian crossing Infront which the driver has to bare in mind. Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.
17a	Woburn Place	Straight	Uncontrolled crossing point	At this location the driver needs to be aware of the uncontrolled pedestrian crossing and be mindful of pedestrians crossing with minimal notice.
18a	Southampton Row	Straight	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.
19a	Southampton Row turning onto Bloomsbury place	Right	Tight turn, No ASL present for cyclists	Driver must be aware of the parked vehicles that may be situated into the road that they turn into. If a vehicle was parked up the driver must take extra precaution to ensure they navigate the road safely. Driver may be required to stop at this

				junction and must be cautious as there may be positioned at the lights or alongside the vehicle.
20a	Right turn into site from Great Russell Street	Right	Tight turn	Very tight turn , driver may require to use opposite lane to get into site

9b	Left turn into site from Great Russell Street	Left	Tight turn	Very tight turn , driver may require to use opposite lane to get into site
Eastern Route Inbound – To North Eastern Entrance via Keppel Street				
19c	Left turn from Gower Street to Keppel Street	Left	Cyclists	Driver needs to be aware of cyclists when making the left the turn into Keppel Street with risk of 'left hook', due to no dedicated cyclist traffic signal phase
20c	Right turn from Malet Street to Montague Place	Left	Cyclist contraflow	Driver must be cautious of the contraflow bike lane when making the left turn and ensure sufficient space for cyclists using the cycle contraflow
21c	Montague Place to site	Right	Tight turn	Vehicle would need to be marshalled whilst accessing the site
Eastern Route Outbound				
Eastern Route Outbound – Site departure westbound on Great Russel Street				
1a	Turning out of site from Great Russell Street	Right	Tight turn	Very tight turn, driver may require to use opposite lane to get into site
2a	Great Russell Street turning into Bloomsbury Street	Right	Tight turn	Tight turn into Bloomsbury avenue. In addition pedestrians do not have a barrier.
3a	Gower street turning into Grafton way	Left	Cyclists and peds, outside UCL main building and hospital entrance	Driver must be aware of the parked vehicles that may be situated into the road that they turn into. If a vehicle was parked up the driver must take extra precaution to ensure they navigate the road safely. Also main pedestrian access between university buildings.
4a	Grafton way turning into Tottenham Court Road	Right	Tight turn, Pedestrians and cyclists.	Tight turn, one way street, pedestrians have no barrier.
5a	Tottenham Court road turning into A501 Euston road	Right	Cyclists	Drivers must be aware of possible cyclists crossing this junction, markings can be unclear.
6a	A501	Straight	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be

				positioned at the lights or alongside the vehicle.
6.1a	A501	Straight	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.
Eastern Route Outbound – Site departure eastbound on Great Russel Street				
1b	Turning out of site from Great Russell Street	Left	Tight turn	Very tight turn, driver may require to use opposite lane to get into site
2b	Bloomsbury place turning onto Southampton Row	Left	Tight turn, No ASL present for cyclists	Driver must be aware of the parked vehicles that may be situated into the road that they turn into. If a vehicle was parked up the driver must take extra precaution to ensure they navigate the road safely. Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.
3b	Southampton Row	Straight	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.
4b	Woburn Place	Straight	Uncontrolled crossing point	At this location the driver needs to be aware of the uncontrolled pedestrian crossing and be mindful of pedestrians crossing with minimal notice.
5b	A4200 junction with A501	Straight	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.
6b	A42000 turning onto Grafton Way and then Churchway	Right	Tight turn	Consecutive right turns, tight turning in front of junction with Euston station.
Eastern Route Outbound – Site departure via the northeastern exit				
1c	Right turn out of site to Montague Place	Right	Tight turn	Vehicle would need to be marshalled whilst exiting the site
2c	Montague Place to Russell Square	Left	Cycle lane	Driver will need to be cautious of the contraflow cycle lane when making the left turn
3c	Russell Square to A4200	Left	Cyclist	Maoeuvre risks left hook conflict with cyclists and drivers



				need to be aware of cyclists adjacent to the vehicle
Eastern Route Outbound Continued				
7	Euston Road junction with A5202	Straight	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.
8	Pentonville Road	Straight Ahead	Bus stop, cyclists, No ASL present for cyclists	Steep uphill for cyclists, along with bus stops, drivers must be aware when overtaking slow moving cyclists. Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.
9	A501 Pentonville Road	Straight	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.
10	A501 turning into Wakley Street	Right turn	cyclists	Giveaway, Driver needs to be careful when going around this corner as cyclists could be hit. And parked cars when turning into road.
11	Wakley street turning into Goswell Road	Right turn	Cyclists, bus stop, No ASL present for cyclists	Driver needs to be aware of traffic joining from the left giveaway even though the junction is signalised. Also upon turning, be aware of buses pulling out from bus stop. Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.
12	A1 Islington High Street	Straight	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.
13	A1 Upper Street	Straight	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.
14	Upper street junction with Canonbury Lane	Straight	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.

15	Upper street turning into Highbury Corner	Right	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.
16	Highbury Corner left turn onto A1	Left	Segregated cycle way	Consecutive left turns to round gyratory to join back onto the A1 north, Driver needs to be aware of cycle lanes present.
17	Holloway Road	Straight Ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.
18	Holloway Road	Straight Ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.
19	Holloway Road	Straight Ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be positioned at the lights or alongside the vehicle.

# SOUTHERN ROUTE

ID	Location	Manoeuvre	Hazard	Observation
Southern Route Inbound				
1	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
2	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
3	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
4	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
5	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
6	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
7	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
8	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
9	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.

10	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
11	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
12	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
13	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
14	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
15	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
16	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
17	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
18	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
19	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.

20	Euston Road	Straight ahead	Bus stop/ No ASL present for cyclists	There is a bus stop on either lane and if there are buses on the adjacent lane it could make 2 way movement difficult. There is an ambulance drop off point that drivers will have to be aware of. Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle
22	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
23	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
Southern Route Inbound – Site Approach from the west of Great Russel Street				
21a	Euston Road to Gower Street	Right	Pedestrians, cyclists	Due to Euston square station being close by, there is likely to be more pedestrians crossing the road , drivers should be aware of this.
25a	Gower Street	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
25a	Bloomsbury Street turning to Great Russell Street	Left	Tight turn	Tight turn into Bloomsbury avenue. In addition pedestrians do not have a barrier so the driver must be aware of vehicle overhang.
27a	Left turn into site from Great Russell Street	Left	Tight turn	Very tight turn , driver may require to use opposite lane to get into site
Southern Route Inbound – Site Approach from the east of Great Russel Street				
21b	Euston Road to A4200	Right	Pedestrians	Due to Euston station being close by, there is likely to be more pedestrians crossing the road , drivers should be aware of this.
24b	A4200	Straight ahead	Uncontrolled crossing	At this location the driver needs to be aware of the uncontrolled pedestrian crossing and be mindful of pedestrians crossing with minimal notice.

25b	A4200	Straight ahead	Uncontrolled crossing	At this location the driver needs to be aware of the uncontrolled pedestrian crossing and be mindful of pedestrians crossing with minimal notice.
26b	Southampton Row turning onto Bloomsbury place	Right	Tight turn	Driver must be aware of the parked vehicles that may be situated into the road that they turn into. If a vehicle was parked up the driver must take extra precaution to ensure they navigate the road safely.
27b	Right turn from site to Great Russell Street	Right	Tight turn	Very tight turn , driver may require to use opposite lane to get into site
Southern Route Inbound – To North Eastern Entrance via Keppel Street				
25c	Left turn from Gower Street to Keppel Street	Left	Cyclists	Driver needs to be aware of cyclists when making the left the turn into Keppel Street with risk of 'left hook', due to no dedicated cyclist traffic signal phase
26c	Right turn from Malet Street to Montague Place	Left	Cyclist contraflow	Driver must be cautious of the contraflow bike lane when making the left turn and ensure sufficient space for cyclists using the cycle contraflow
27c	Montague Place to site	Right	Tight turn	Vehicle would need to be marshalled whilst accessing the site
Southern Route Outbound				
Southern Route Outbound – Site departure westbound on Great Russel Street				
1a	Right turn from site to Great Russell Street	Right	Tight turn	Very tight turn , driver may require to use opposite lane to get into site
2a	Great Russell Street turning to Bloomsbury Street	Right	Tight turn	Tight turn into Bloomsbury avenue. In addition pedestrians do not have a barrier so the driver must be aware of vehicle overhang.
3a	Gower Street	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
4a	Gower street turning into Euston Road	Left	Bus stop	There is a bus stop on either lane and if there are buses on the adjacent lane it could make 2 way movement difficult. There is an ambulance drop off point

				that drivers will have to be aware of.
Southern Route Outbound – Site departure eastbound on Great Russell Street				
1b	Left turn from site to Great Russell Street	Left	Tight turn	Very tight turn , driver may require to use opposite lane to get into site
2b	Bloomsbury place turning onto Southampton Row	Left	Tight turn	Driver must be aware of the parked vehicles that may be situated into the road that they turn into. If a vehicle was parked up the driver must take extra precaution to ensure they navigate the road safely.
3b	A4200	Straight ahead	Uncontrolled crossing	At this location the driver needs to be aware of the uncontrolled pedestrian crossing and be mindful of pedestrians crossing with minimal notice.
4b	A4200	Straight ahead	Uncontrolled crossing	At this location the driver needs to be aware of the uncontrolled pedestrian crossing and be mindful of pedestrians crossing with minimal notice.
5b	Woburn Place	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
5b	A4200 to Euston Road	Left	Pedestrians	Due to Euston road station being close by , there is likely to be more pedestrians crossing the road , drivers should be aware of this.
Southern Route Outbound – Site departure via the north eastern exit				
1c	Right turn out of site to Montague Place	Right	Tight turn	Vehicle would need to be marshalled whilst exiting the site
2c	Montague Place to Russell Square	Left	Cycle lane	Driver will need to be cautious of the contraflow cycle lane when making the left turn
3c	Russell Square to A4200	Left	Cyclist	Manoeuvre risks left hook conflict with cyclists and drivers need to be aware of cyclists adjacent to the vehicle

Southern Route Outbound Continued				
6	Euston Road	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
7	Euston Road	Straight ahead	Bus stop/ No ASL present for cyclists	There is a bus stop on either lane and if there are buses on the adjacent lane it could make 2 way movement difficult. There is an ambulance drop off point that drivers will have to be aware of. Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle
8	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
9	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
10	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
12	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
13	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
14	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
15	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.



16	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
17	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
18	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
19	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
20	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
21	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
22	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
23	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
24	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
25	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.

26	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
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# WESTERN ROUTE

ID	Location	Manoeuvre	Hazard	Observation
Western Route Inbound				
1	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
2	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
3	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
4	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
5	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
6	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
7	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
8	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
9	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.

10	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
11	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
12	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
13	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
14	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
15	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
16	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
17	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
18	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
19	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.

20	Euston Road	Straight ahead	Bus stop/ No ASL present for cyclists	There is a bus stop on either lane and if there are buses on the adjacent lane it could make 2 way movement difficult. There is an ambulance drop off point that drivers will have to be aware of. Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle
22	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
23	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
Western Route Inbound – Site Approach from the west of Great Russel Street				
21a	Euston Road to Gower Street	Right	Pedestrians, cyclists	Due to Euston square station being close by, there is likely to be more pedestrians crossing the road , drivers should be aware of this.
25a	Gower Street	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
25a	Bloomsbury Street turning to Great Russell Street	Left	Tight turn	Tight turn into Bloomsbury avenue. In addition pedestrians do not have a barrier so the driver must be aware of vehicle overhang.
27a	Left turn into site from Great Russell Street	Left	Tight turn	Very tight turn , driver may require to use opposite lane to get into site
Western Route Inbound – Site Approach from the east of Great Russel Street				
21b	Euston Road to A4200	Right	Pedestrians	Due to Euston station being close by, there is likely to be more pedestrians crossing the road , drivers should be aware of this.
24b	A4200	Straight ahead	Uncontrolled crossing	At this location the driver needs to be aware of the uncontrolled pedestrian crossing and be mindful of pedestrians crossing with minimal notice.

25b	A4200	Straight ahead	Uncontrolled crossing	At this location the driver needs to be aware of the uncontrolled pedestrian crossing and be mindful of pedestrians crossing with minimal notice.
26b	Southampton Row turning onto Bloomsbury place	Right	Tight turn	Driver must be aware of the parked vehicles that may be situated into the road that they turn into. If a vehicle was parked up the driver must take extra precaution to ensure they navigate the road safely.
27b	Right turn from site to Great Russell Street	Right	Tight turn	Very tight turn , driver may require to use opposite lane to get into site
Western Route Inbound – To North Eastern Entrance via Keppel Street				
25c	Left turn from Gower Street to Keppel Street	Left	Cyclists	Driver needs to be aware of cyclists when making the left the turn into Keppel Street with risk of 'left hook', due to no dedicated cyclist traffic signal phase
26c	Right turn from Malet Street to Montague Place	Left	Cyclist contraflow	Driver must be cautious of the contraflow bike lane when making the left turn and ensure sufficient space for cyclists using the cycle contraflow
27c	Montague Place to site	Right	Tight turn	Vehicle would need to be marshalled whilst accessing the site
Western Route Outbound				
Western Route Outbound – Site departure westbound on Great Russel Street				
1a	Right turn from site to Great Russell Street	Right	Tight turn	Very tight turn , driver may require to use opposite lane to get into site
2a	Great Russell Street turning to Bloomsbury Street	Right	Tight turn	Tight turn into Bloomsbury avenue. In addition pedestrians do not have a barrier so the driver must be aware of vehicle overhang.
3a	Gower Street	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
4a	Gower street turning into Euston Road	Left	Bus stop	There is a bus stop on either lane and if there are buses on the adjacent lane it could make 2 way movement difficult. There is an ambulance drop off point

				that drivers will have to be aware of.
Western Route Outbound – Site departure eastbound on Great Russel Street				
1b	Left turn from site to Great Russell Street	Left	Tight turn	Very tight turn , driver may require to use opposite lane to get into site
2b	Bloomsbury place turning onto Southampton Row	Left	Tight turn	Driver must be aware of the parked vehicles that may be situated into the road that they turn into. If a vehicle was parked up the driver must take extra precaution to ensure they navigate the road safely.
3b	A4200	Straight ahead	Uncontrolled crossing	At this location the driver needs to be aware of the uncontrolled pedestrian crossing and be mindful of pedestrians crossing with minimal notice.
4b	A4200	Straight ahead	Uncontrolled crossing	At this location the driver needs to be aware of the uncontrolled pedestrian crossing and be mindful of pedestrians crossing with minimal notice.
5b	Woburn Place	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
5b	A4200 to Euston Road	Left	Pedestrians	Due to Euston road station being close by , there is likely to be more pedestrians crossing the road , drivers should be aware of this.
Western Route Outbound Continued				
6	Euston Road	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
7	Euston Road	Straight ahead	Bus stop/ No ASL present for cyclists	There is a bus stop on either lane and if there are buses on the adjacent lane it could make 2 way movement difficult. There is an ambulance drop off point

				that drivers will have to be aware of. Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle
8	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
9	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
10	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
12	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
13	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
14	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
15	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
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26	A501	Straight ahead	No ASL present for cyclists	Driver may be required to stop at this junction and must be cautious as there may be cyclists positioned at the lights ahead or alongside the vehicle.
Western Route Outbound – Site departure via the north eastern exit				
1c	Right turn out of site to Montague Place	Right	Tight turn	Vehicle would need to be marshalled whilst exiting the site

2c	Montague Place to Russell Square	Left	Cycle lane	Driver will need to be cautious of the contraflow cycle lane when making the left turn
3c	Russell Square to A4200	Left	Cyclist	Maoeuvre risks left hook conflict with cyclists and drivers need to be aware of cyclists adjacent to the vehicle