

BUS CONNECTS

TRANSFORMING CITY BUS SERVICES



Project Ireland 2040
Building Ireland's Future



Údarás Náisiúnta Iompair
National Transport Authority

*Community Forum
for*

*Core Bus Corridor
3 Ballymun*

19th September 2019



Introductions



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CHAIRPERSON – CHARLIE LOWE

HUGH CREEGAN – Deputy CEO, National Transport Authority

**AIDAN GALLAGHER – Senior Project Manager,
BusConnects Infrastructure**

SEAMUS MacGEARAILT– Roughan & O'Donovan/TYPSA

AGENDA

- Introduction
- Overview of BusConnects
- Recap of Actions
- Review of Submissions
- Indications of Designs under Consideration
- Discussion

Introduction



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Core Bus Corridors
providing continuous bus
priority



Redesign of
Network of Bus
Services



State-of-the-art
Ticketing System



Simpler Fare
Structure



Cashless Payment
System



Park & Ride
facilities



New Bus Livery



New Bus Stops
+ Shelters



Use of Low
Emission Vehicles

Recap of Actions from Previous Community Forum

- To review pedestrian arrangements.
- To review overall cycling route.
- To undertake environmental assessments.
- To review traffic movements and traffic impacts.
- To review overall scheme design.

Submissions Summary



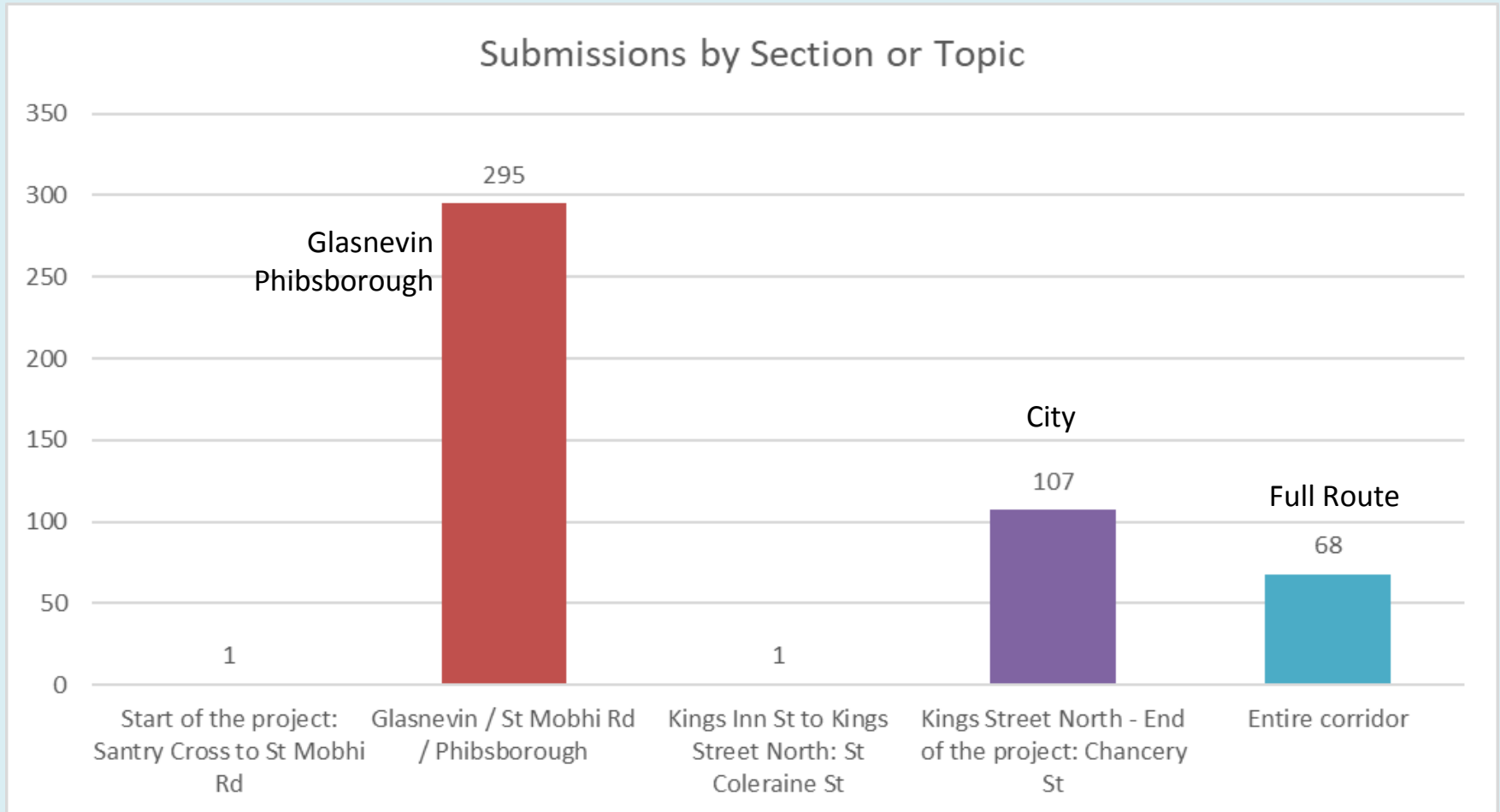
Submissions Summary



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- Public Consultation Period: February to May 2019.
- Ballymun Route: 470 submissions received from 442 separate parties., including one with multiple signatures (Coleraine Street in the city centre).
- Finglas Route: 30 submissions

Submissions Summary - Ballymun



Submissions Summary - Ballymun

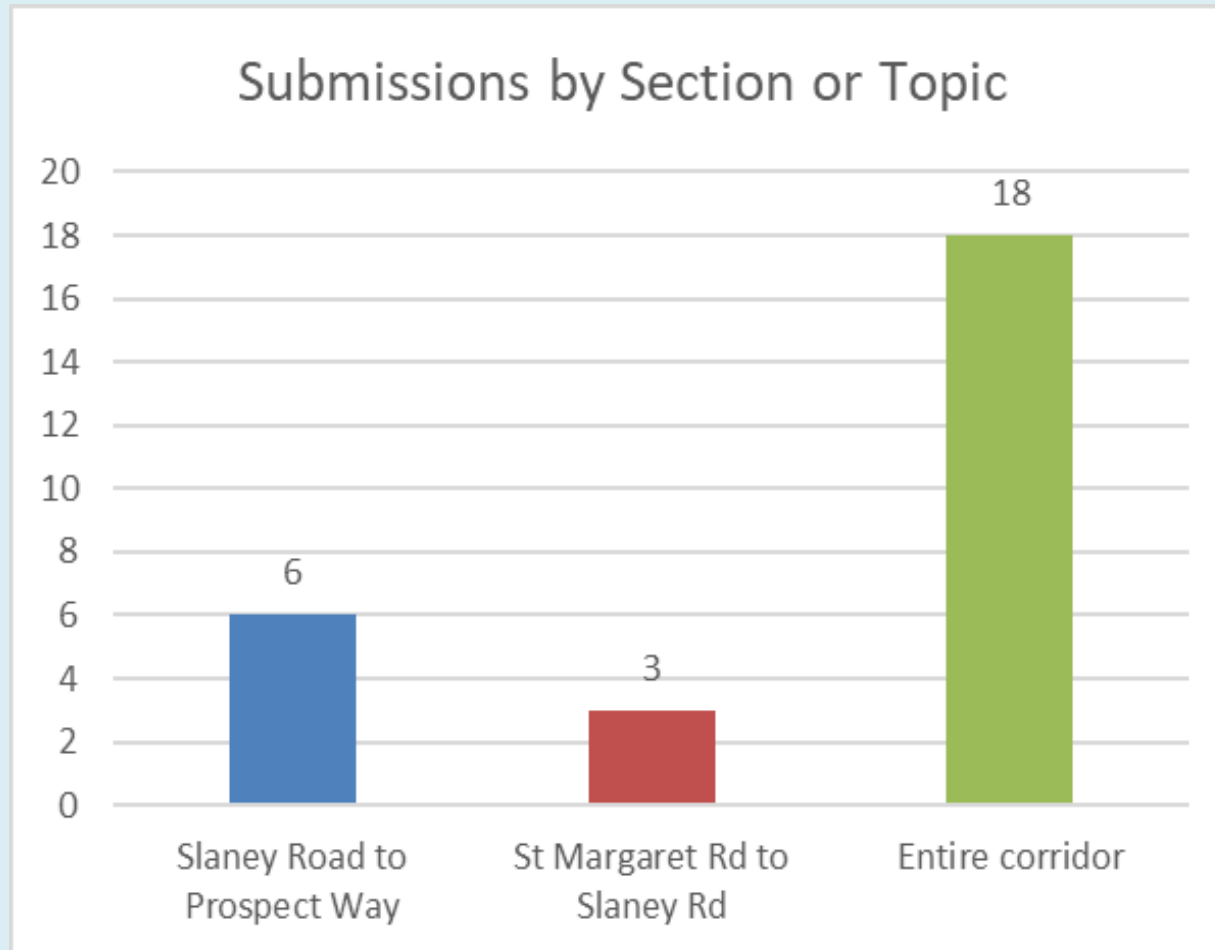


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The Main Issues Raised

Traffic and access impacts	Environmental Impacts - Trees
Cycling Facilities	Loss of Car Parking / Driveways access
Safety Concerns	Bus Services and Stops
Community Impacts	Metrolink
Bus Lanes & Road Widening	Supportive / Unsupportive
Suggestions for Modifications	Loss of Property Value / CPO Issues
St. Mobhi Road – Schools / Sports Facilities / Residents	

Submissions Summary - Finglas



Submissions Summary - Finglas



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The Main Issues Raised

Traffic and access impacts	Environmental Impacts - Trees
Cycling Facilities	Pedestrian Facilities
Safety Concerns	Bus Services and Stops
Community Impacts	Traffic Calming
Bus Lanes & Road Widening	Supportive / Unsupportive
Suggestions for Modifications	Loss of Property Value / CPO Issues
Access to driveways	St. Vincent's School, Phibsborough

Review of Route Proposals



Areas of Particular Interest

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Ballymun > City Centre

Core Bus Corridor

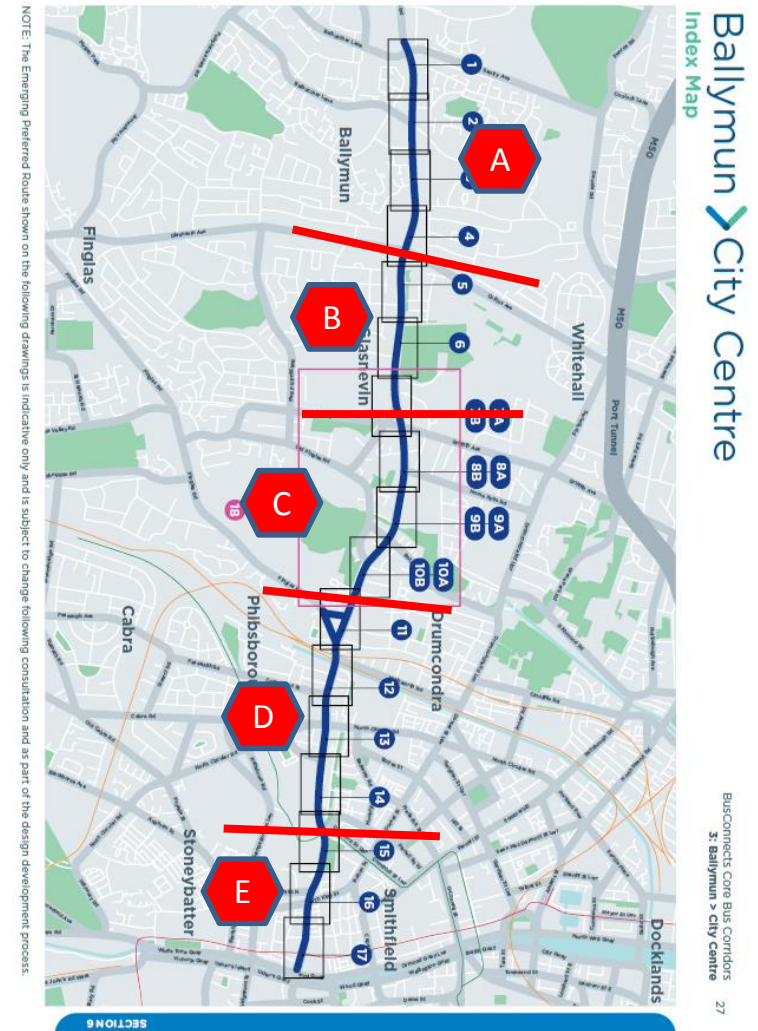
Emerging Preferred Route

Public Consultation February 2019



5 Route Sections:

- A. Ballymun to Collins Avenue
- B. DCU - Collins Avenue to Griffith Avenue
- C. Glasnevin - Griffith Avenue to Hart's Corner
- D. Phibsborough - Hart's Corner to Western Way
- E. City - Western Way to Arran Quay



Review of Route Proposals - Ballymun

**Section C -
Glasnevin:**

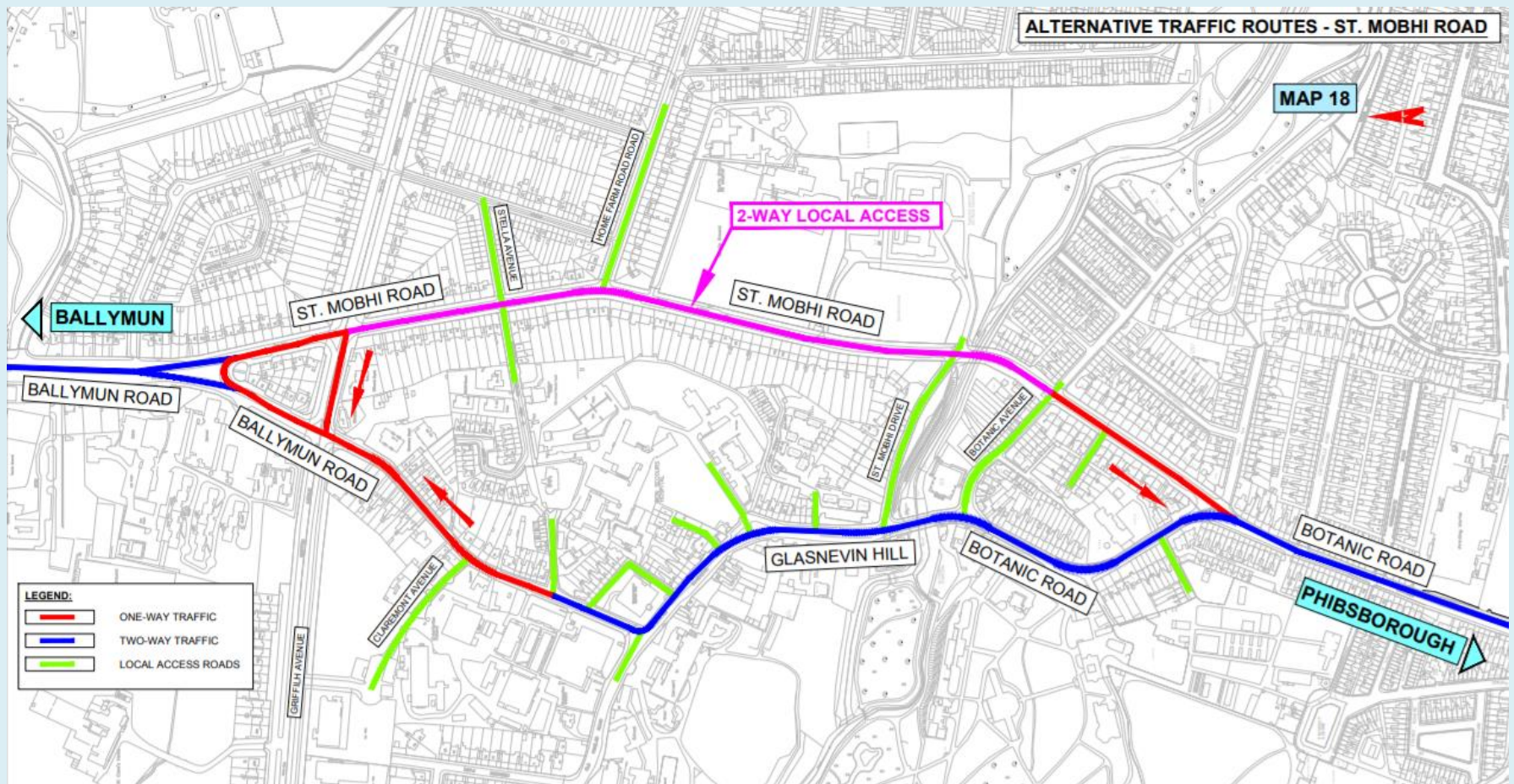
**Griffith Avenue to
Hart's Corner**



Review of Route Proposals - Ballymun

Griffith Avenue to Hart's Corner as published

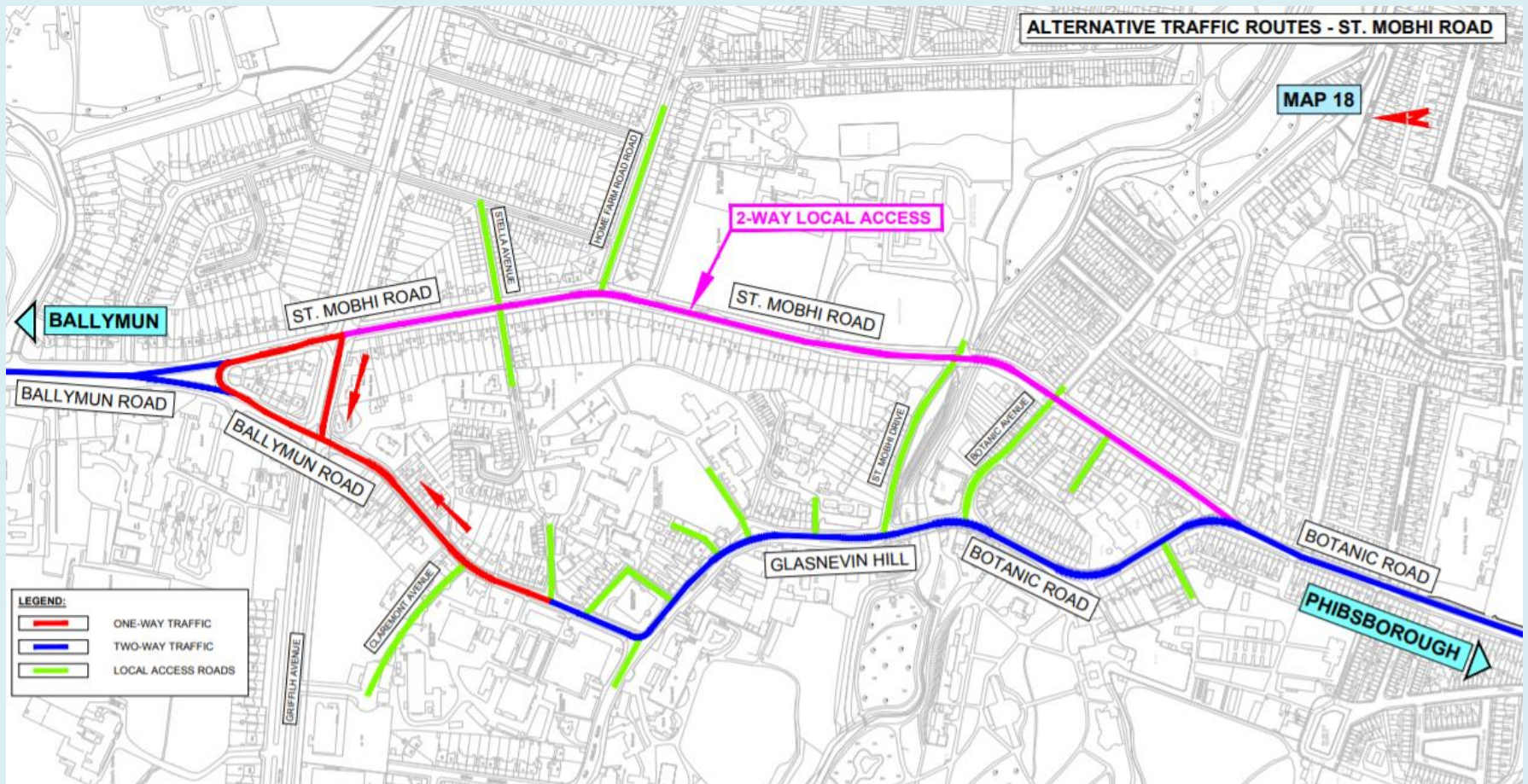
Option A Traffic System



Review of Route Proposals - Ballymun

Griffith Avenue to Hart's Corner

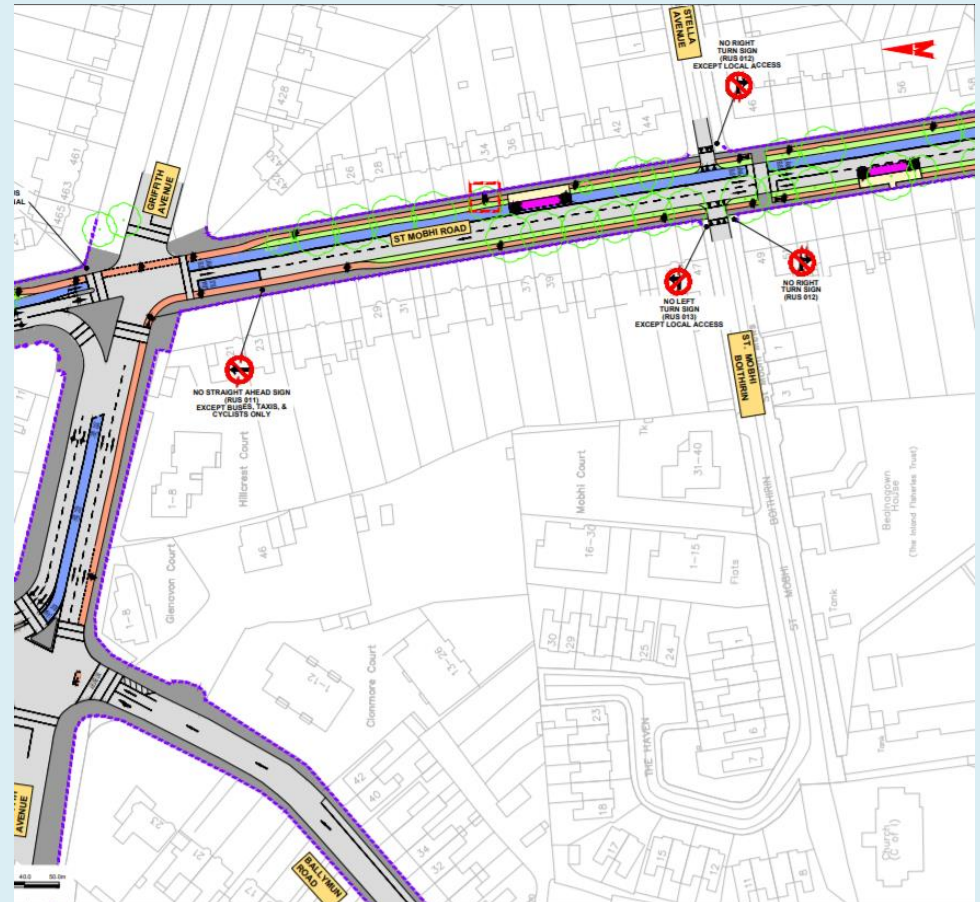
Option A Traffic System



Review of Route Proposals - Ballymun

Possible Bus Gate Location – Option A

- St. Mobhi Road / Griffith Avenue Northbound
- Local access maintained - short diversion northbound for other traffic via Botanic Road, Glasnevin Hill and Ballymun Road



Review of Route Proposals - Ballymun

Bus Gate Example



Review of Route Proposals - Ballymun

St. Mobhi Road (North)

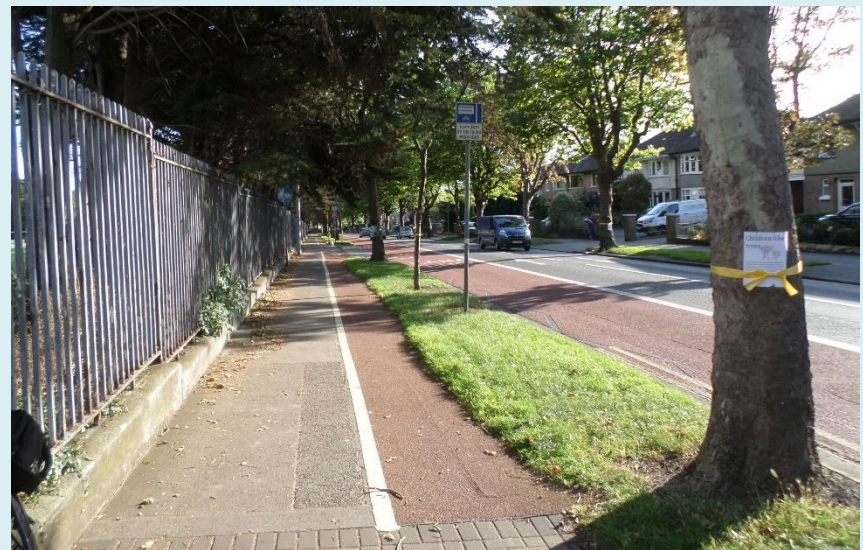


Review of Route Proposals - Ballymun

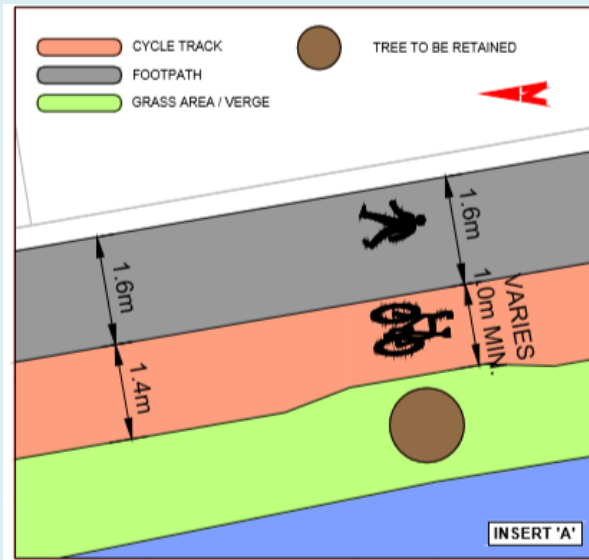
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St. Mobhi Road (North)



Review of Route Proposals - Ballymun



St. Mobhi Road (North)

Cycle Track and Footpath Layout

Tactile Separator Strip between
Footpath & Cycle Track



Review of Route Proposals - Ballymun

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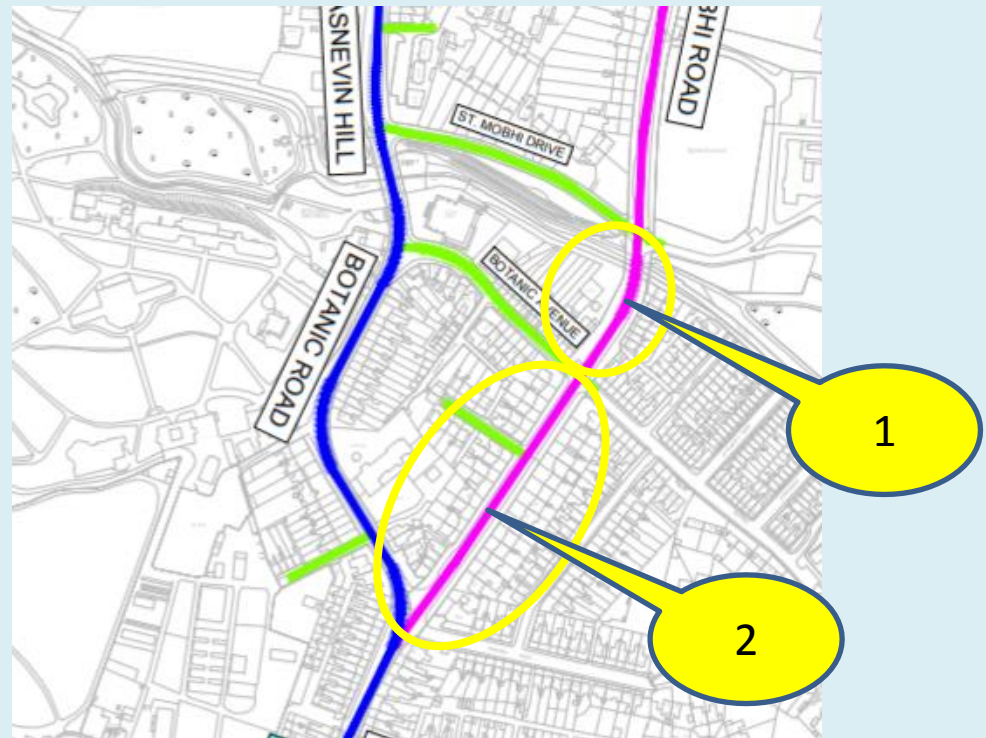
St. Mobhi Road (North)



Review of Route Proposals - Ballymun

St. Mobhi Road (South of River Tolka)

- 1 – Tolka to Botanic Avenue
- 2 – Botanic Avenue to Botanic Road



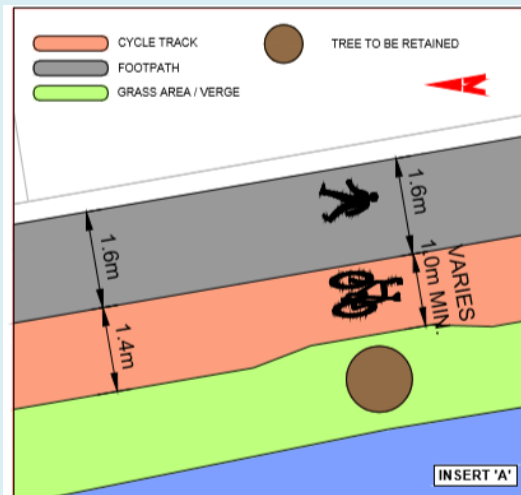
Review of Route Proposals - Ballymun

Glasnevin: St. Mobhi Road (South)

Possible options to retain
trees under consideration



Review of Route Proposals - Ballymun



St. Mobhi Road (South)

Cycle Track and Footpath Layout

Tactile Separator Strip between
Footpath & Cycle Track



Review of Route Proposals - Ballymun

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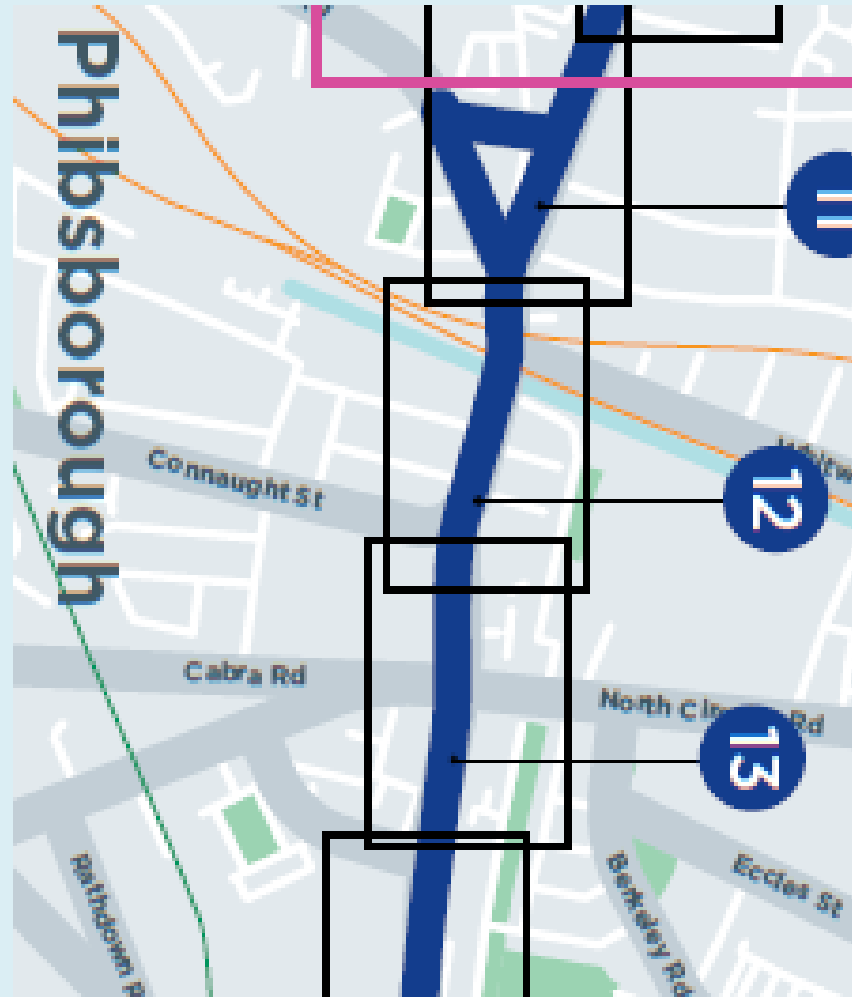
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St. Mobhi Road (South)



Review of Route Proposals - Ballymun

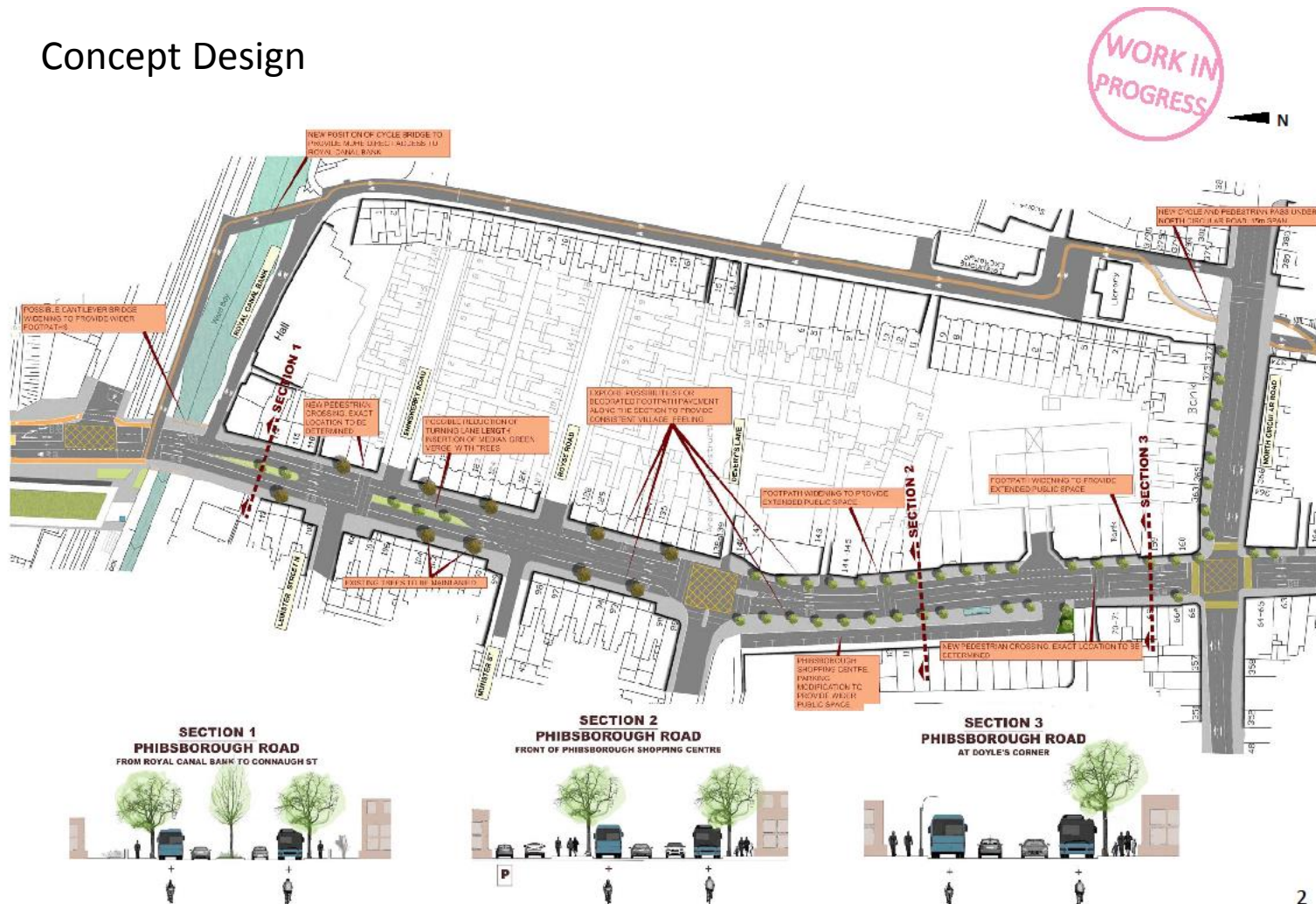
Section D – Phibsborough



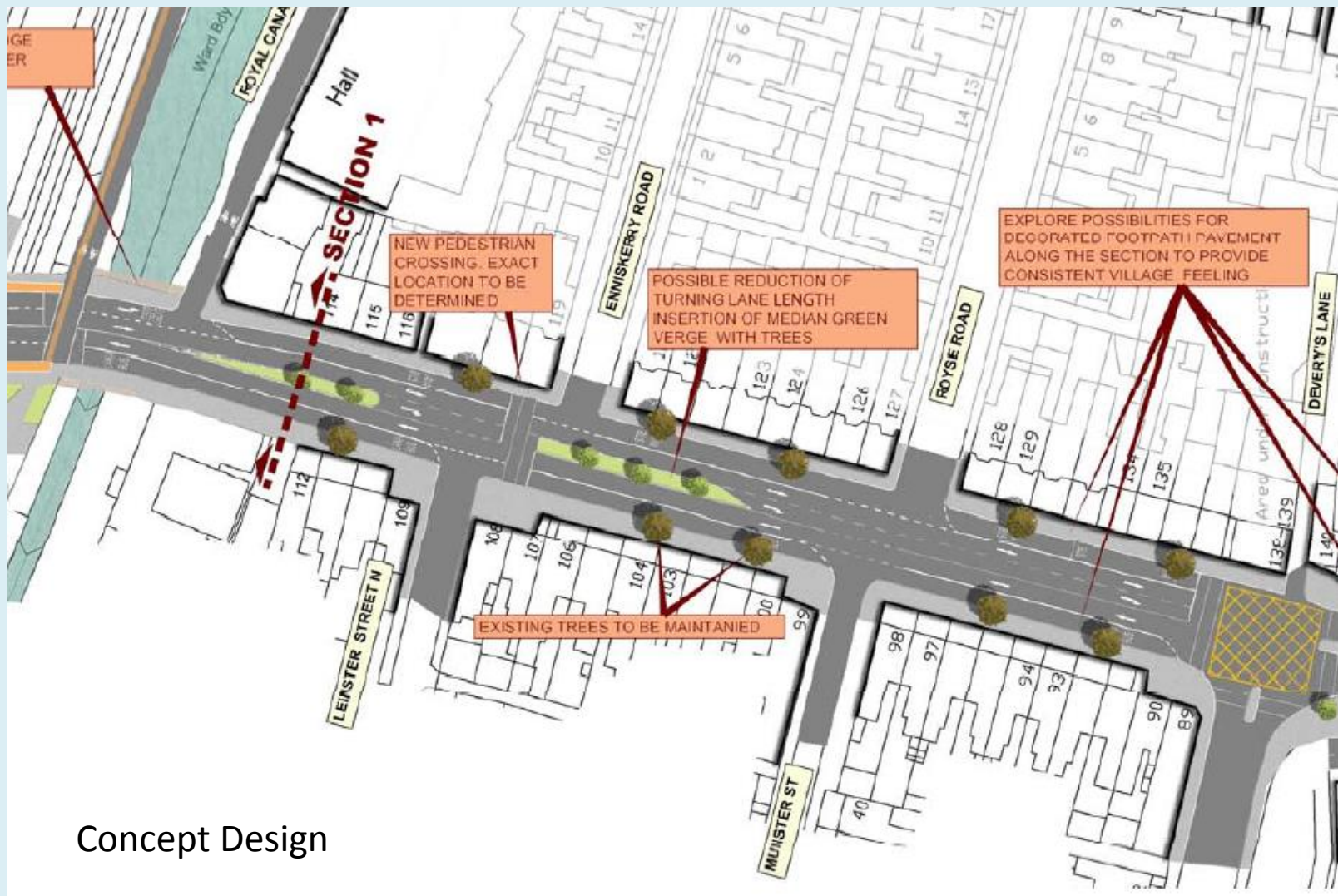
Review of Route Proposals - Ballymun

Public Realm Improvement at Phibsborough Village

Concept Design



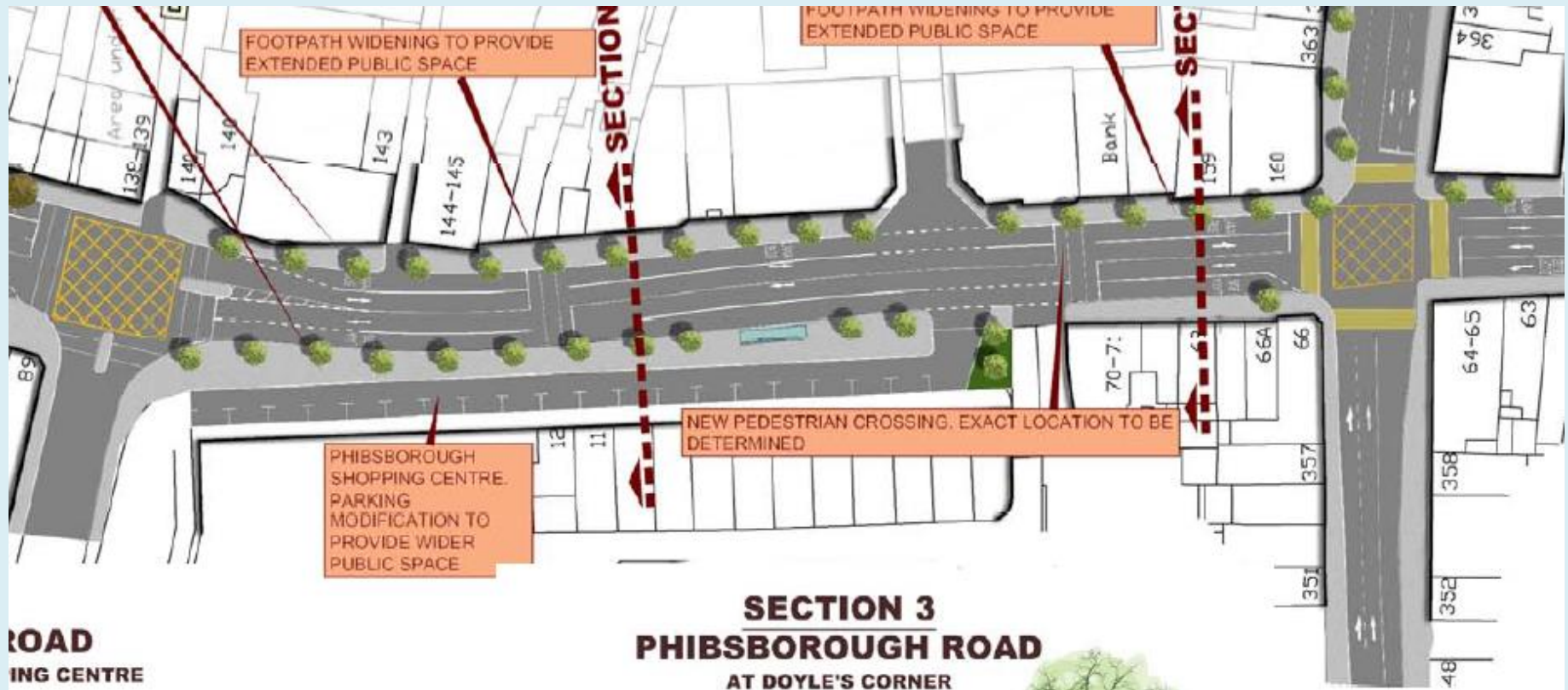
Review of Route Proposals - Ballymun



Concept Design

Review of Route Proposals - Ballymun

Concept Design



Review of Route Proposals - Ballymun

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Public Realm Improvement at Phibsborough Village

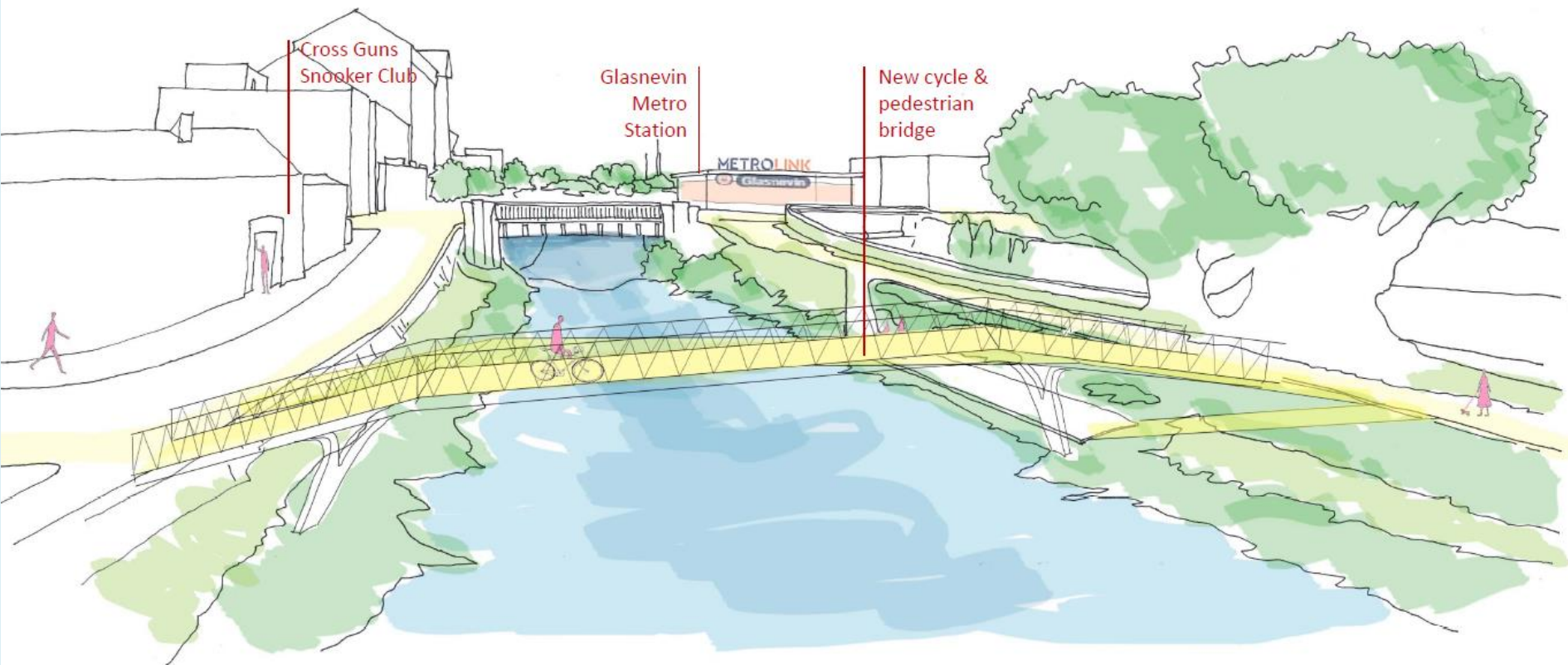


Review of Route Proposals - Ballymun

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Royal Canal Bank Cycle Route



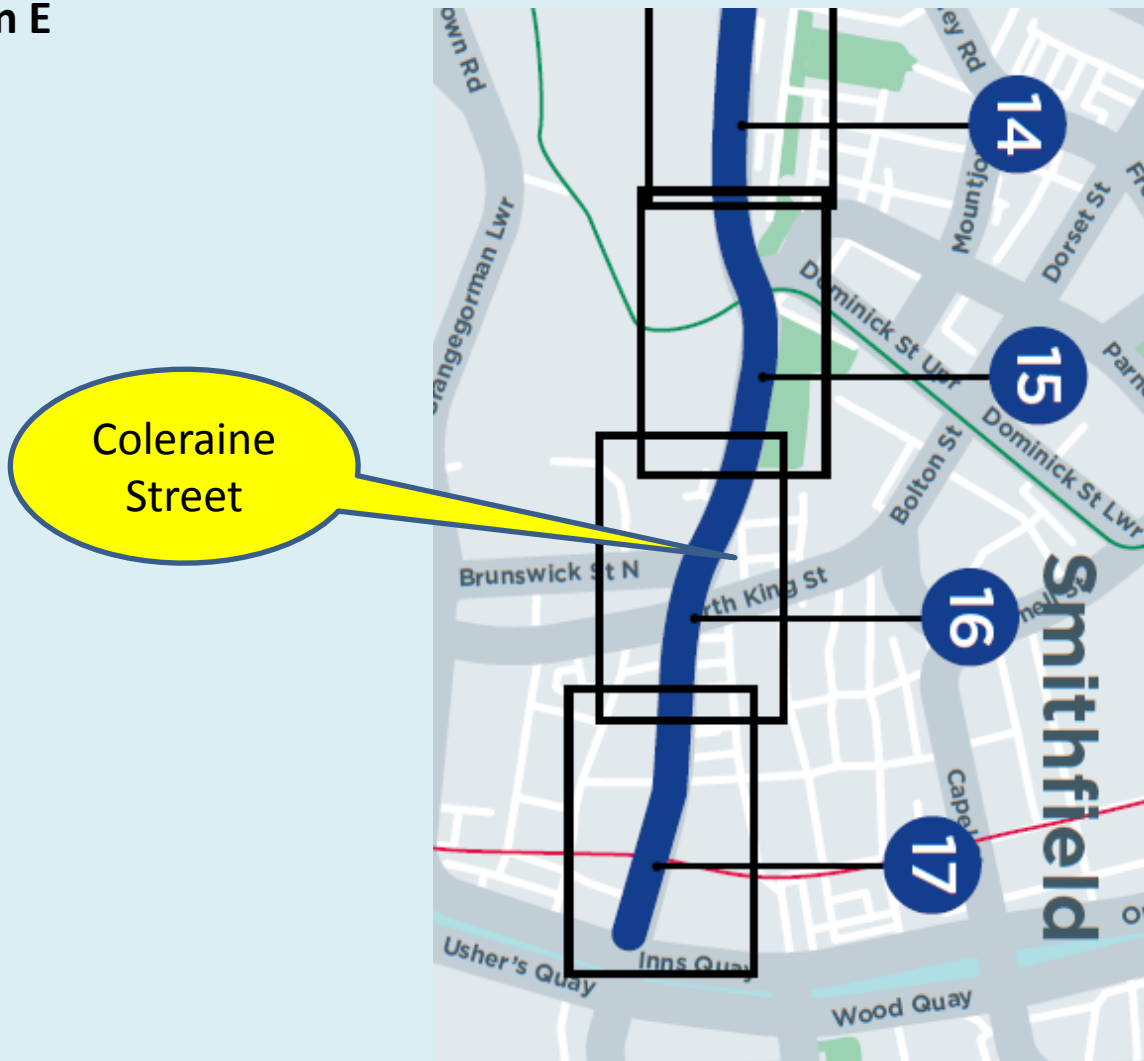
Review of Route Proposals - Ballymun

Public Realm Improvement at Royal Canal Bank / North Circular Road



Review of Route Proposals - Ballymun

Section E City



Review of Route Proposals - Ballymun

Coleraine Street

No Through Traffic



Review of Route Proposals - Finglas

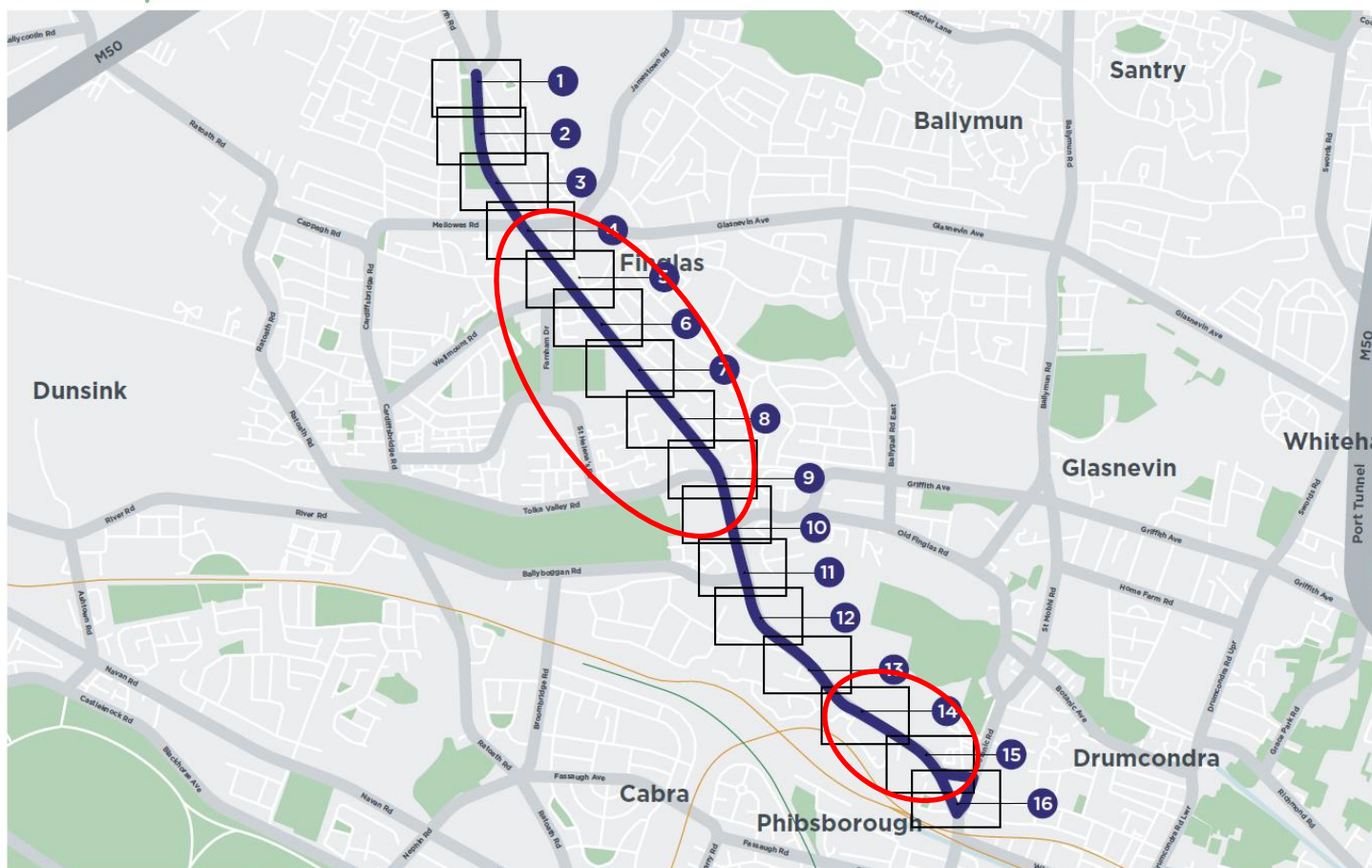
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Finglas > Phibsborough Index Map

BusConnects Core Bus Corridors
4: Finglas > Phibsborough

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NOTE: The Emerging Preferred Route shown on the following drawings is indicative only and is subject to change following consultation and as part of the design development process.

Review of Route Proposals - Finglas

Finglas Road Dual Carriageway

- Upgrade for segregated cycle tracks.
- Seek to retain existing trees in median and verges

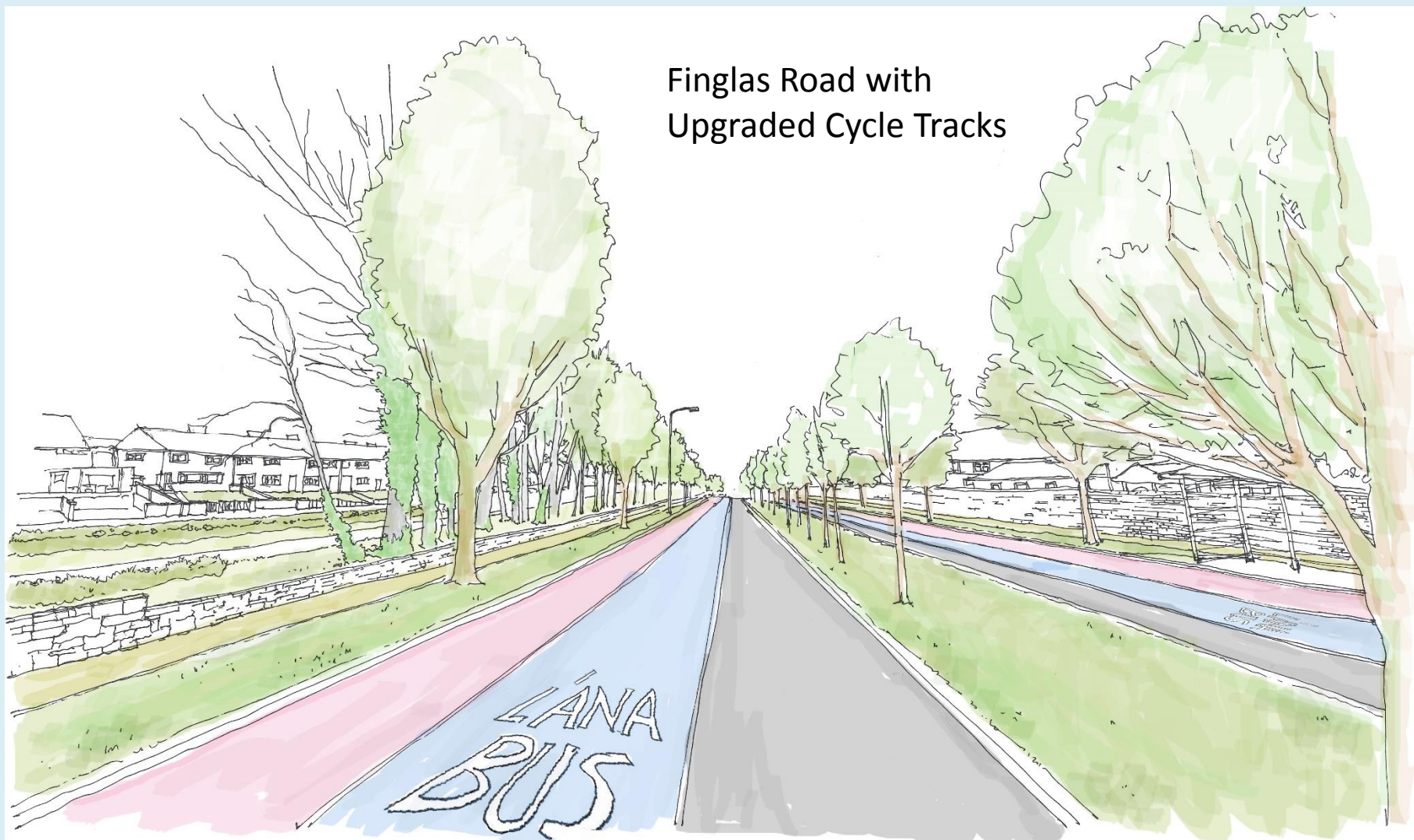


Review of Route Proposals

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Finglas Road with
Upgraded Cycle Tracks



Review of Route Proposals - Finglas

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Glasnevin Cemetery

Accommodate
Parking to the
extent feasible



Review of Route Proposals



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General Issues

- **Parking / Loading**
- **Pedestrian Crossings**

Discussion



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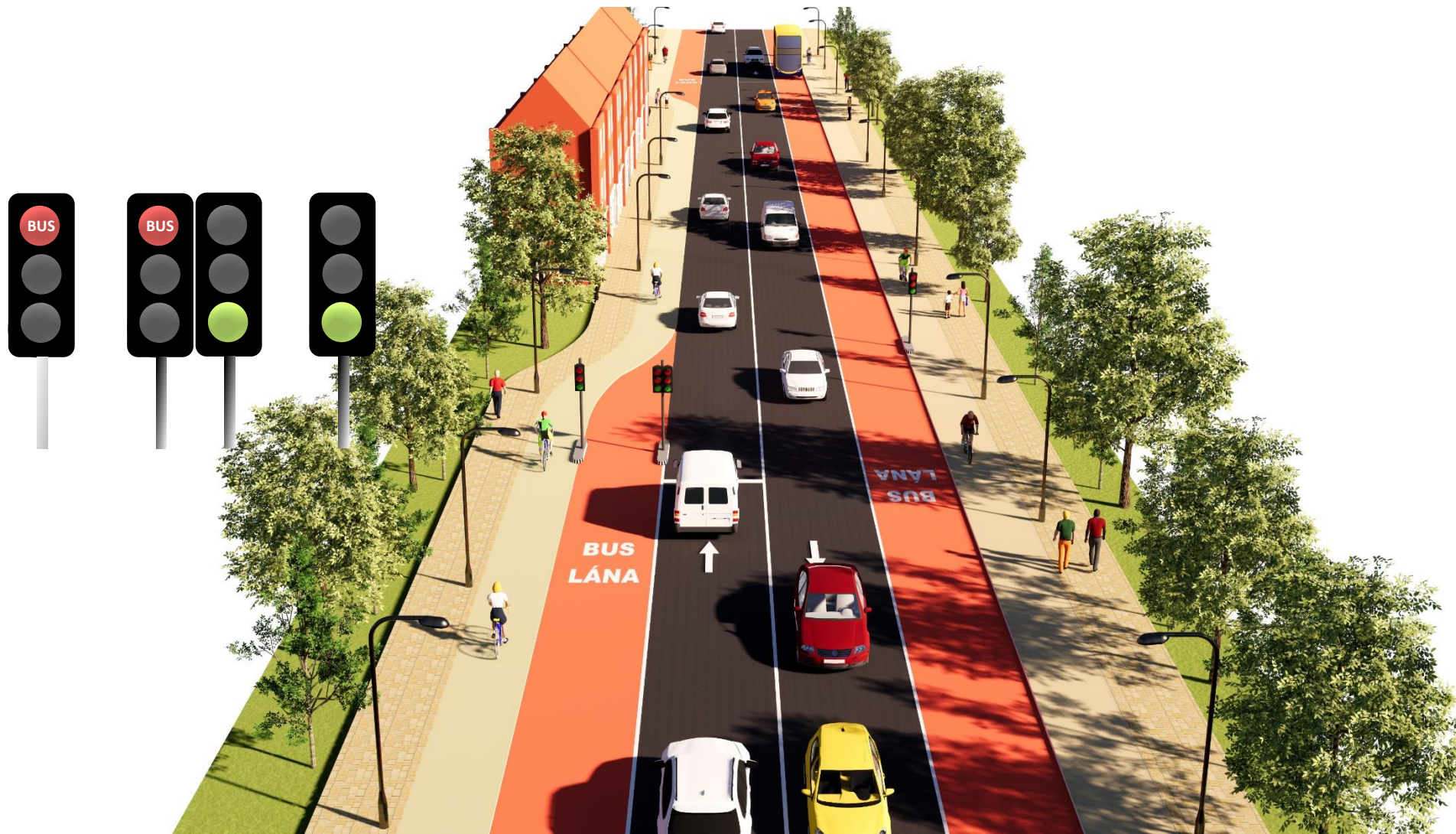
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BUS PRIORITY TRAFFIC SIGNALS

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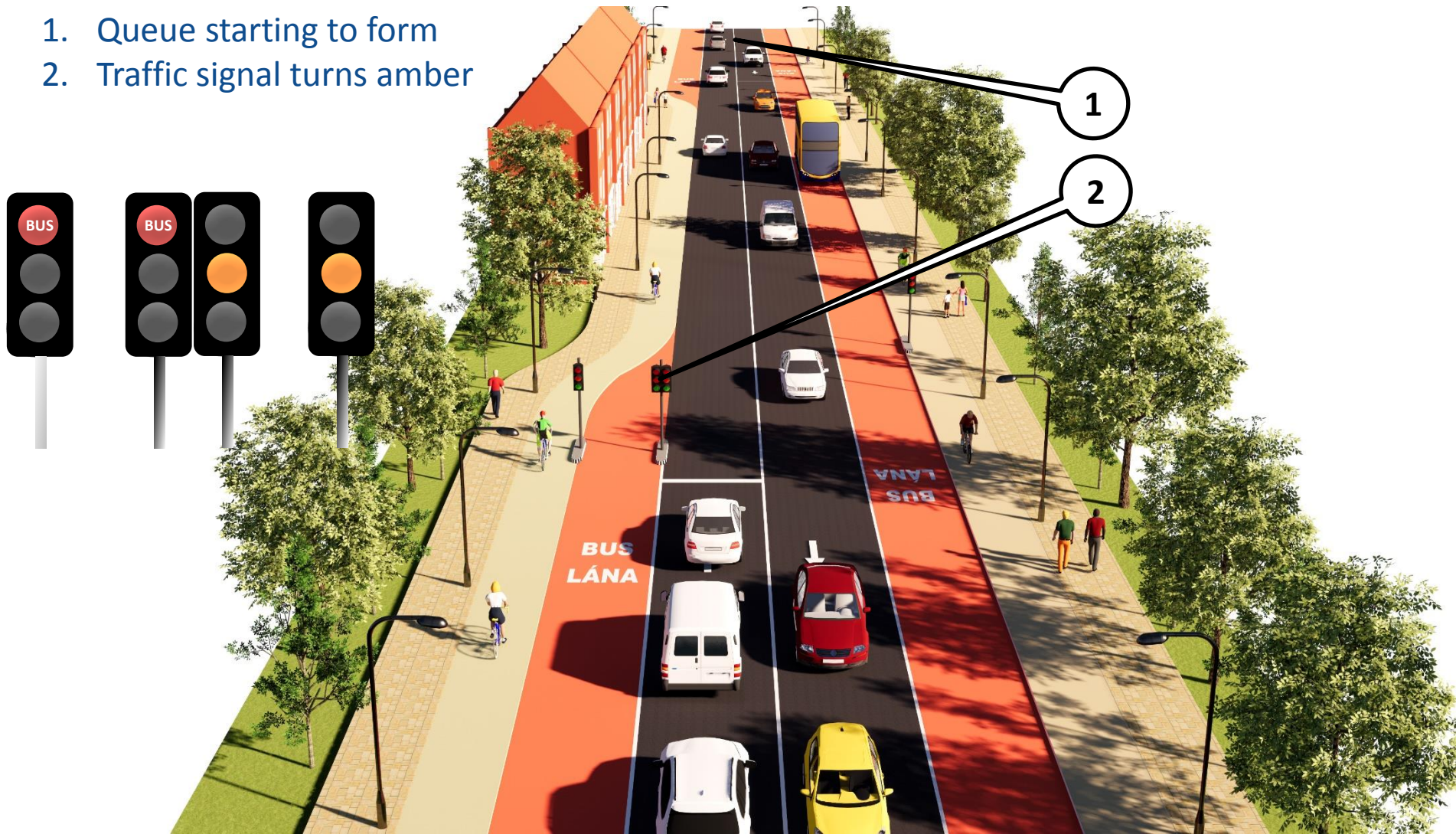


BUS PRIORITY TRAFFIC SIGNALS

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1. Queue starting to form
2. Traffic signal turns amber

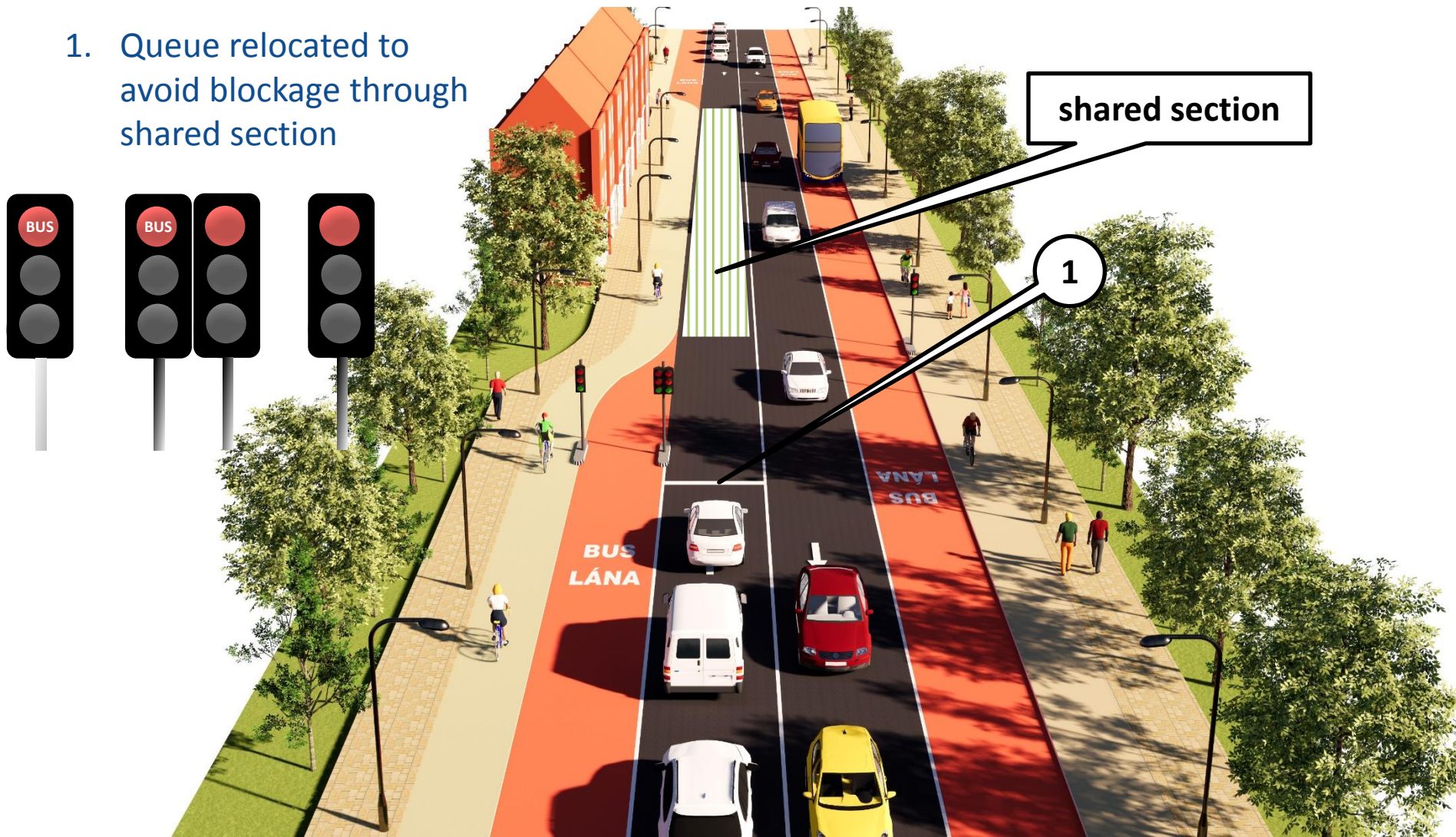


BUS PRIORITY TRAFFIC SIGNALS

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1. Queue relocated to avoid blockage through shared section

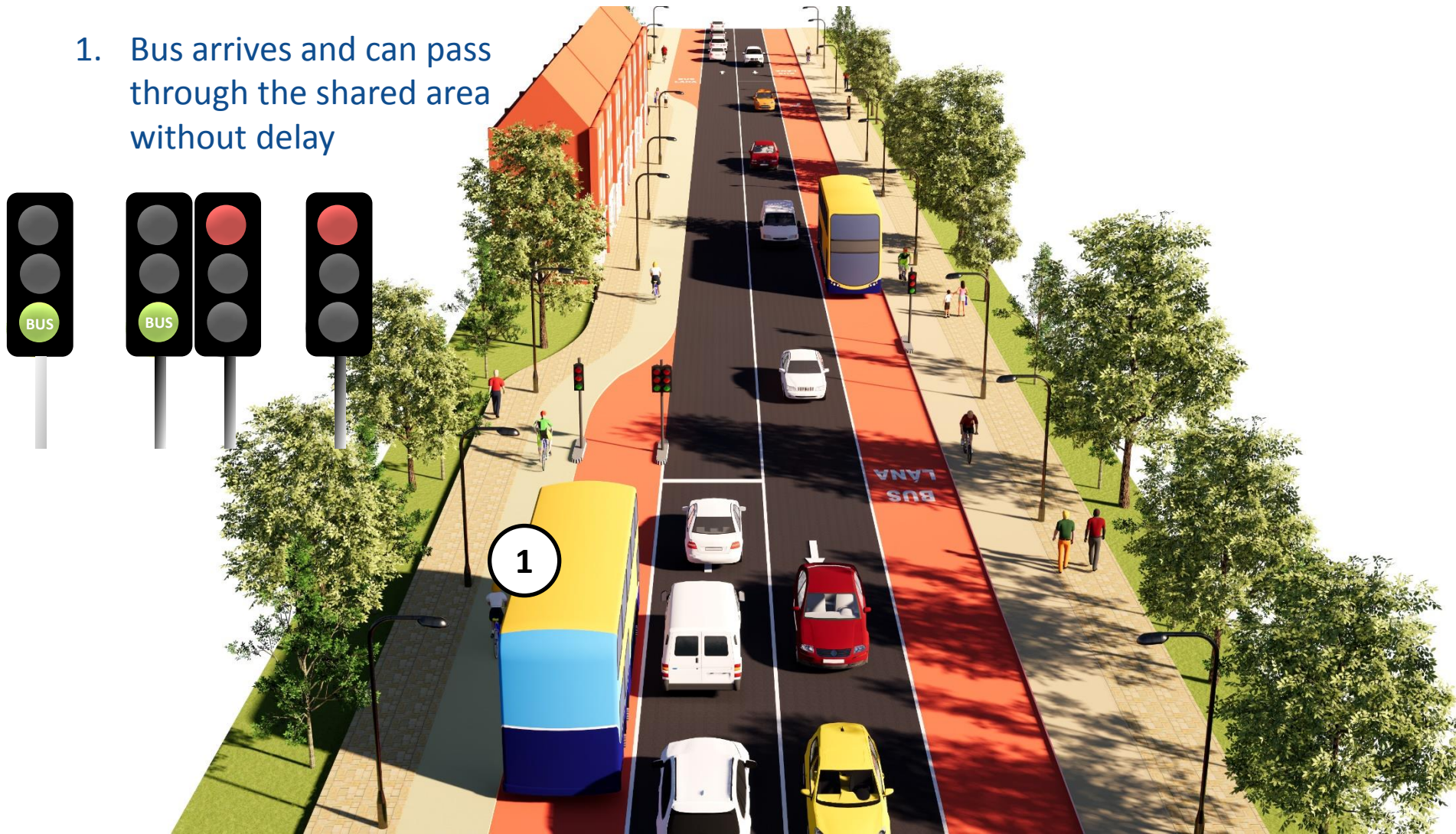


BUS PRIORITY TRAFFIC SIGNALS

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1. Bus arrives and can pass through the shared area without delay

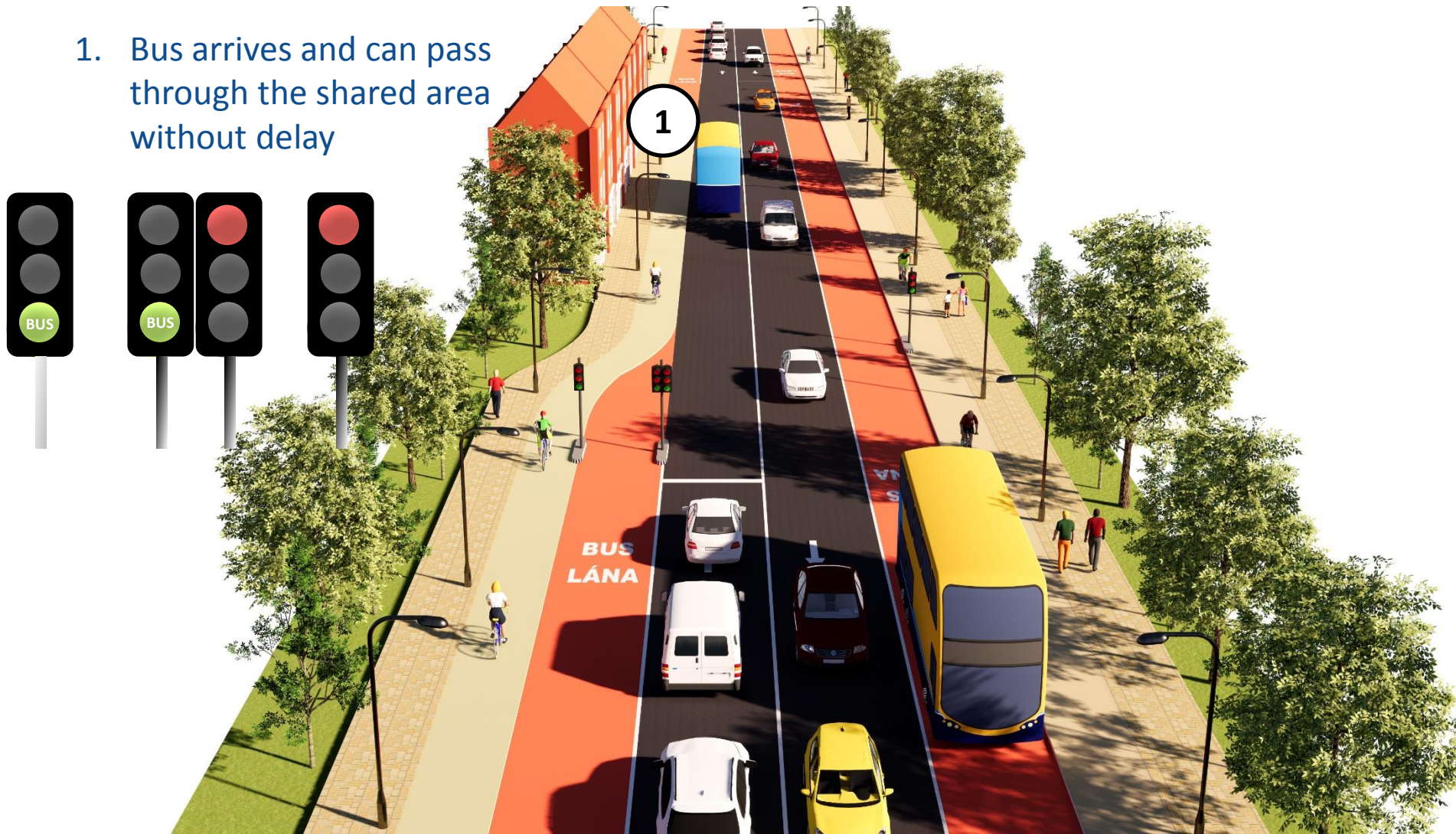


BUS PRIORITY TRAFFIC SIGNALS

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1. Bus arrives and can pass through the shared area without delay



BUS PRIORITY TRAFFIC SIGNALS

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1. Queue clearing
2. Lights go green

