

Sustainable Transport Corridors

Emerging Preferred Routes

Public Consultation June 2022



**BUS
CONNECTS
CORK**
SUSTAINABLE TRANSPORT FOR A BETTER CITY.



Rialtas
na hÉireann
Government
of Ireland

Tionscadal Éireann
Project Ireland
2040

BusConnects Cork

Sustainable Transport Corridors

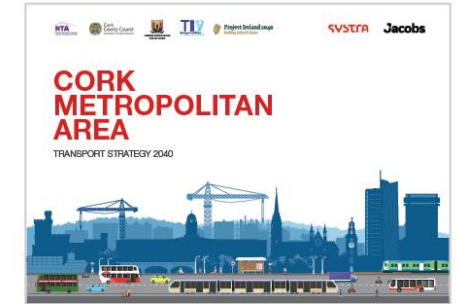
Public Consultation Launch

Presented by Anne Graham, Chief Executive
and
Con Kehely, Head of BusConnects Regional Cities

National Transport Authority (NTA)

What is BusConnects Cork

- BusConnects Cork is a **€600 million** investment in Cork's sustainable transport system, to be implemented by 2030 under the Government's National Development Plan
- Its objective is to transform the bus system to make it more useful to more people and, in parallel, deliver safe cycling facilities on key corridors
- BusConnects Cork is a central part of the **Cork Metropolitan Area Transport Strategy (CMATS)**, which set out an ambitious vision to deliver an integrated and sustainable transport system for the region.
- CMATS incorporates an enhanced commuter rail system (**Cork Commuter Rail Programme**), a new east-west light rail line (**Luas Cork**) and a transformed bus system (**BusConnects Cork**) inclusive of safe cycling facilities.
- Together with the other elements of CMATS, BusConnects Cork will enable Cork to become an even more dynamic, connected and internationally competitive city




- National Development Plan 2021-2030
- Climate Action Plan 2021
- National Planning Framework 2040
- National Sustainable Mobility Policy
- Connecting Ireland

BusConnects Cork aims to overhaul the current transport system in the Cork Metropolitan Area through:

1  Building a network of **new sustainable transport corridors**

2  **Completely redesigning the network of bus routes**

3  New state-of-the-art **ticketing system**

4  Implementing **Cashless payment system**

5  **Revamping the fare system**

6  **New bus livery**

7  **New bus stops** with better signage and information

8  **New Park & Ride** sites in key locations

9  Transitioning to a **zero emissions bus fleet**

Why do we need BusConnects Cork

- To enable Cork to grow by 50-60% by 2040, the city needs more transport which needs to be focused on public transport, cycling and walking
- To enhance the vibrancy and attractiveness of Cork for business, tourism, education and employment;
- To support the City's status on the international stage as an attractive, modern, dynamic and connected city;
- To improve the speed, reliability, punctuality and overall attractiveness of the bus system; and
- To provide safe, segregated cycling facilities on key cycling arteries across the city.



Cork - A Climate Neutral City by 2030

- The European Commission has selected Cork to become one of Europe's first climate neutral cities by 2030.
- Under the EU's Cities Mission programme, Cork is now identified as one of 100 cities who will lead the way on climate action and smart cities across Europe.
- The objectives of the EU programme are to achieve 100 climate-neutral and smart European cities by 2030 and to ensure these cities act as testbeds for innovation in climate action enabling all European cities to follow suit by 2050.
- Given the significance of the transport sector in relation to climate change, reducing transport emissions will be a key component in achieving that vision for Cork by 2030
- Through enabling more people to use public transport, cycling and walking, the development and delivery of BusConnects Cork will be essential to achieve that climate neutral city ambition

What is the current situation in Cork ?



The Cork Metropolitan Area (CMA) has a population of more than **305,000 people**, making an average of **820,000 trips each weekday**.



74% of trips made by car



20% walking



5% public transport



1% cycling

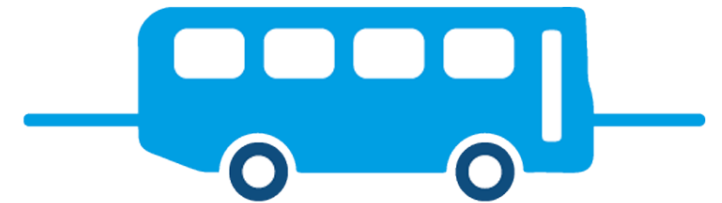
- **New Bus Network** – Following two rounds of public consultation during 2021, a New Bus Network for Cork was published earlier this month. This will now proceed to implementation during 2023/2024
- **Fully electric zero-emissions bus fleet** – transition has already started and the delivery of the first fully electric buses for Cork is due in 2023
- **Bus Livery and Stops** – new bus livery (*exterior of bus*) and bus stop designs has been introduced to better integrate the State provided bus services
- **Ticketing and Fares** – new ticketing system that will accept debit/credit cards is under development

What are we publishing today

BusConnects Cork – Sustainable Transport Corridors

- We are publishing details of the 12 proposed Sustainable Transport Corridors, each designed with the aim of making the bus system operate more efficiently and to encourage more people to cycle by enhancing infrastructure, in addition to providing local streetscape enhancements wherever feasible.
- Currently, there are only 14 km of bus lanes provided in Cork. Under the proposed sustainable transport corridors, there will be approximately 93 km of bus lanes or other bus priority in addition to 112 km of cycle facilities (one direction) delivering 56 km of the Cork cycle network.
- A public consultation now commences in relation to those corridors, which will allow feedback and dialogue regarding the proposals.
- We will be engaging extensively with communities and residents along the corridors over the coming months and anticipate that changes to some of the corridor designs will emerge from those interactions.

93km of bus lane/
bus priority



112km of cycle facilities
(one direction)
delivering 56km of
the cycle network



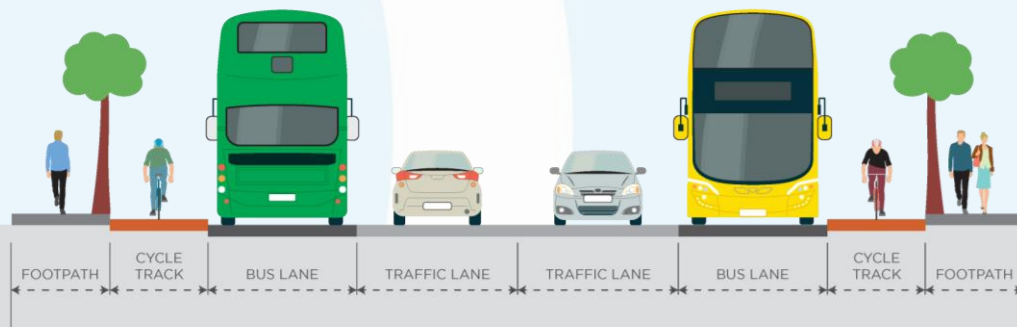
What a Sustainable Transport Corridor looks like & can deliver?

Along these Sustainable Transport Corridors, we will enhance the streetscape and deliver the bus lanes / bus priority that are needed to make the bus system operate efficiently, reliably and punctually, together with the cycling arrangements required to ensure safe, segregated facilities for cyclists.

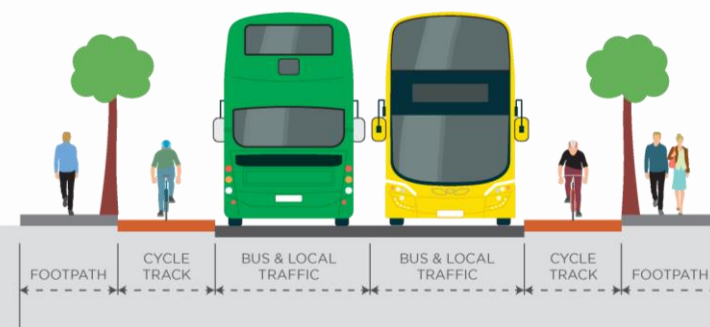
On some routes, separate bus lanes will be developed to ensure buses are not caught up in general traffic congestion. On other routes, it won't be feasible to provide separate bus lanes and alternative solutions such as the removal of through traffic, leaving only local traffic, public transport and cyclists, will be proposed.

Along all of these corridors, we intend to provide segregated cycle tracks in each direction, separated, as far as practicable, from general traffic. In areas where this may prove difficult to achieve, we intend to provide offline cycle tracks, where a cycle track will divert off the Sustainable Transport Corridor.

Layout with Separate Bus Lanes



Layout with Bus and Local Traffic Only



Potential Challenges

Removing buses from general traffic congestion and delivering safe cycling facilities through many of Cork's narrow streets will be difficult, with some of those challenges set out below. In all cases, appropriate mitigation measures will be put in place.

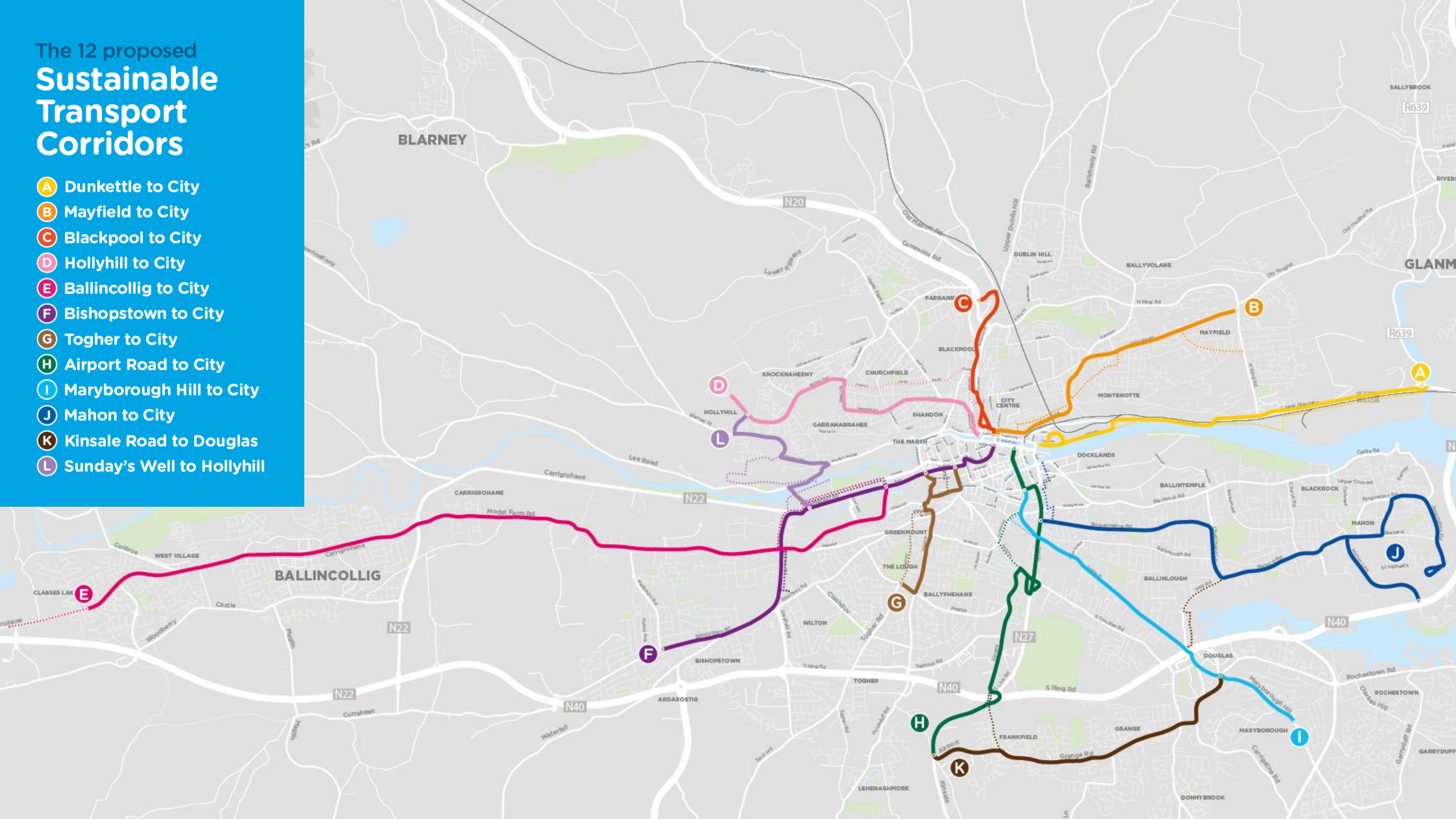
Challenges	Mitigation Measures
There will be acquisition of parts of land in front of properties, including portions of gardens, to allow road widening works	<p>Pay compensation for the portion of gardens/land; ensure new landscaping, full replanting in the garden, build new walls, new fencing and gates.</p> <p>Identify areas for improvements to local spaces and urban centres, including landscaping, seating and public realm enhancements.</p>
There will be some reduction in on-street parking	Alternative parking provision will be considered, where feasible and appropriate.
Some trees will require to be removed	Put in place a comprehensive tree replanting programme. Mature or semi-mature ready-grown trees to be considered and planted as close to original locations as possible.
Traffic movements and road works	Local access will be maintained for houses and businesses. Rerouting of traffic will be supported by signage, markings and traffic calming measures.

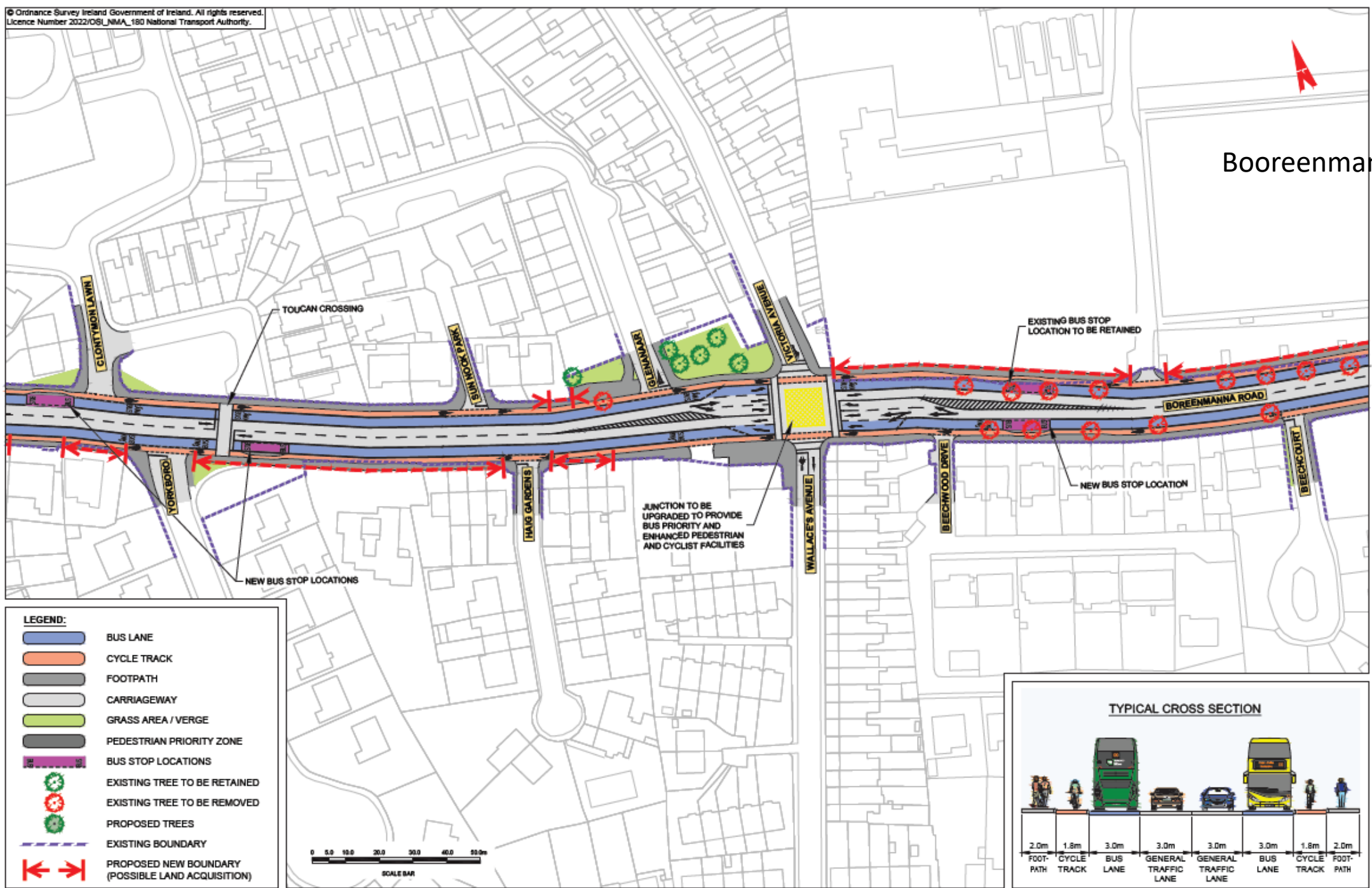
Sustainable Transport Corridors – Key Facts

- 93 km of bus lanes or other bus priority along the 12 corridors providing faster, more punctual and more reliable bus services
- 112 km of safe cycle facilities (one direction) delivering 56 km of the Cork cycle networks across key routes
- Major investment in public realm and enhanced streetscapes
- Potential impacts of current designs:
 - Small acquisitions from 993 gardens (number may reduce following design development and community dialogue)
 - 1,338 trees to be removed (comprehensive replacement planting programme to be in place)
 - 1,040 on-street parking spaces to be removed (partial replacement possible in some locations)

The 12 proposed Sustainable Transport Corridors

- A** Dunkettle to City
- B** Mayfield to City
- C** Blackpool to City
- D** Hollyhill to City
- E** Ballincollig to City
- F** Bishopstown to City
- G** Togher to City
- H** Airport Road to City
- I** Maryborough Hill to City
- J** Mahon to City
- K** Kinsale Road to Douglas
- L** Sunday's Well to Hollyhill

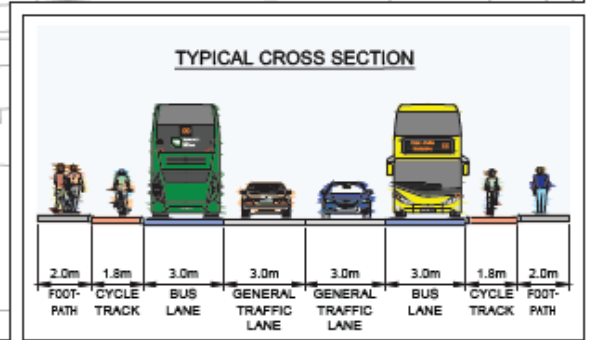




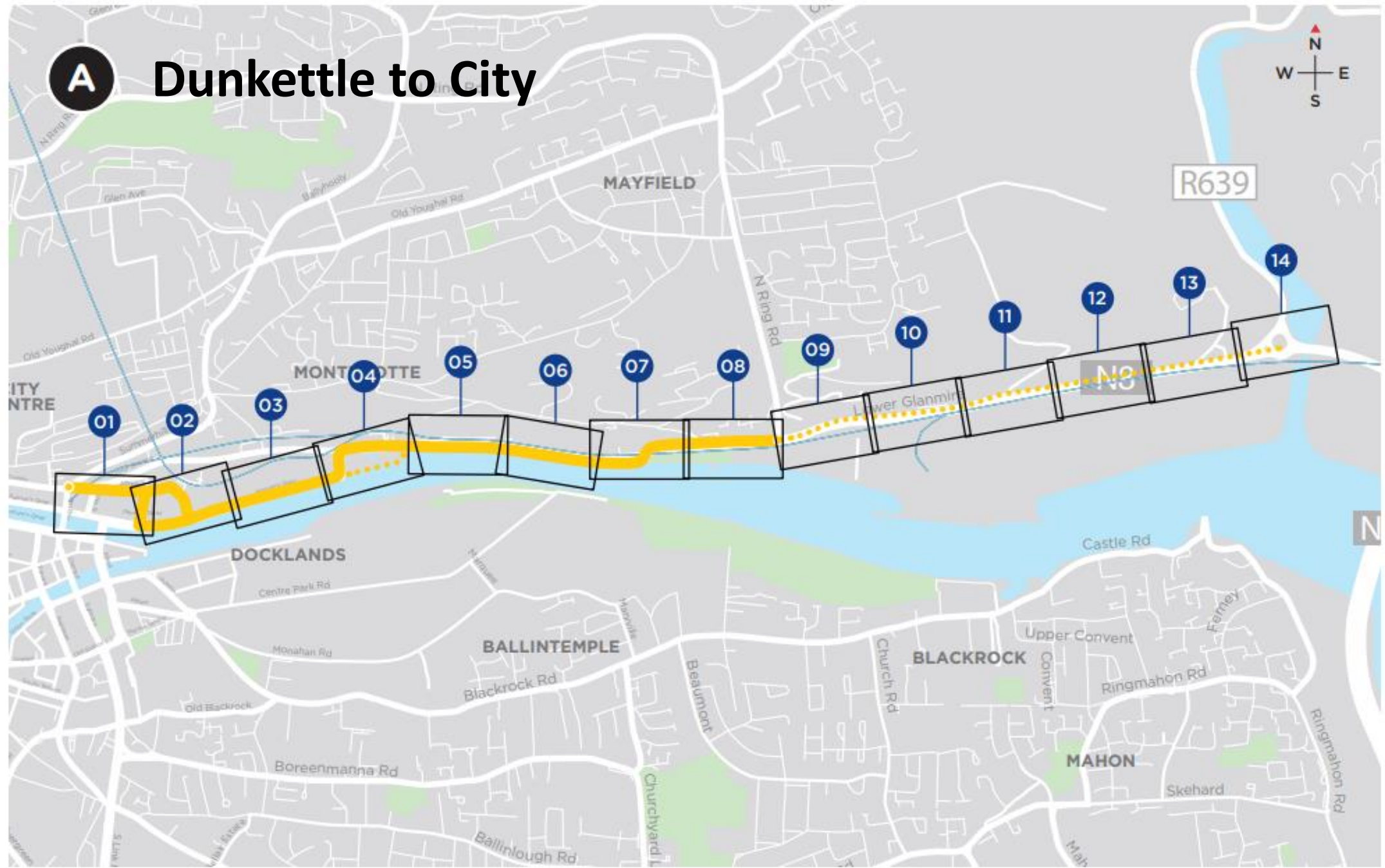
Booreenanna Road

LEGEND:

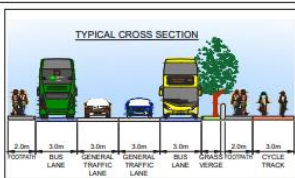
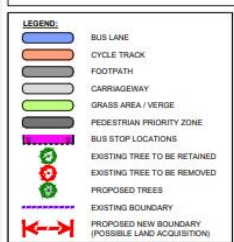
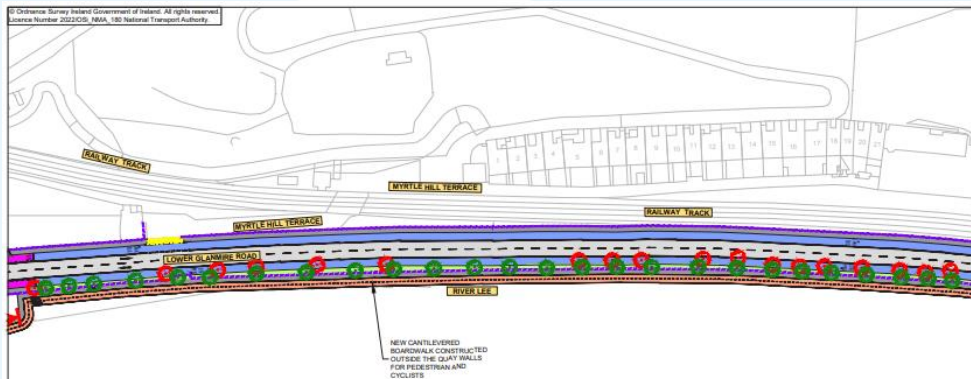
- BUS LANE
- CYCLE TRACK
- FOOTPATH
- CARRIAGEWAY
- GRASS AREA / VERGE
- PEDESTRIAN PRIORITY ZONE
- BUS STOP LOCATIONS
- EXISTING TREE TO BE RETAINED
- EXISTING TREE TO BE REMOVED
- PROPOSED TREES
- EXISTING BOUNDARY
- PROPOSED NEW BOUNDARY (POSSIBLE LAND ACQUISITION)



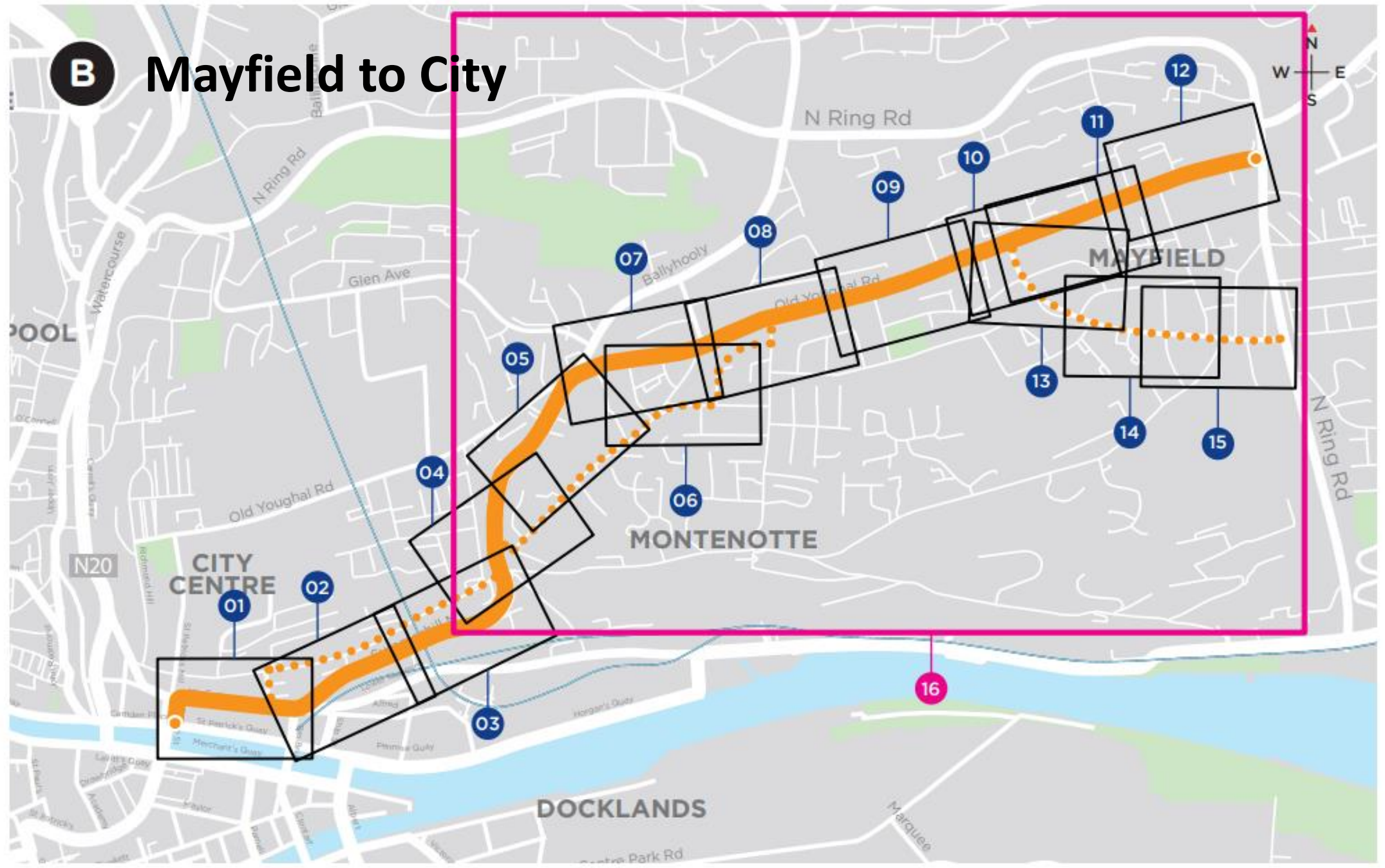
A Dunkettle to City



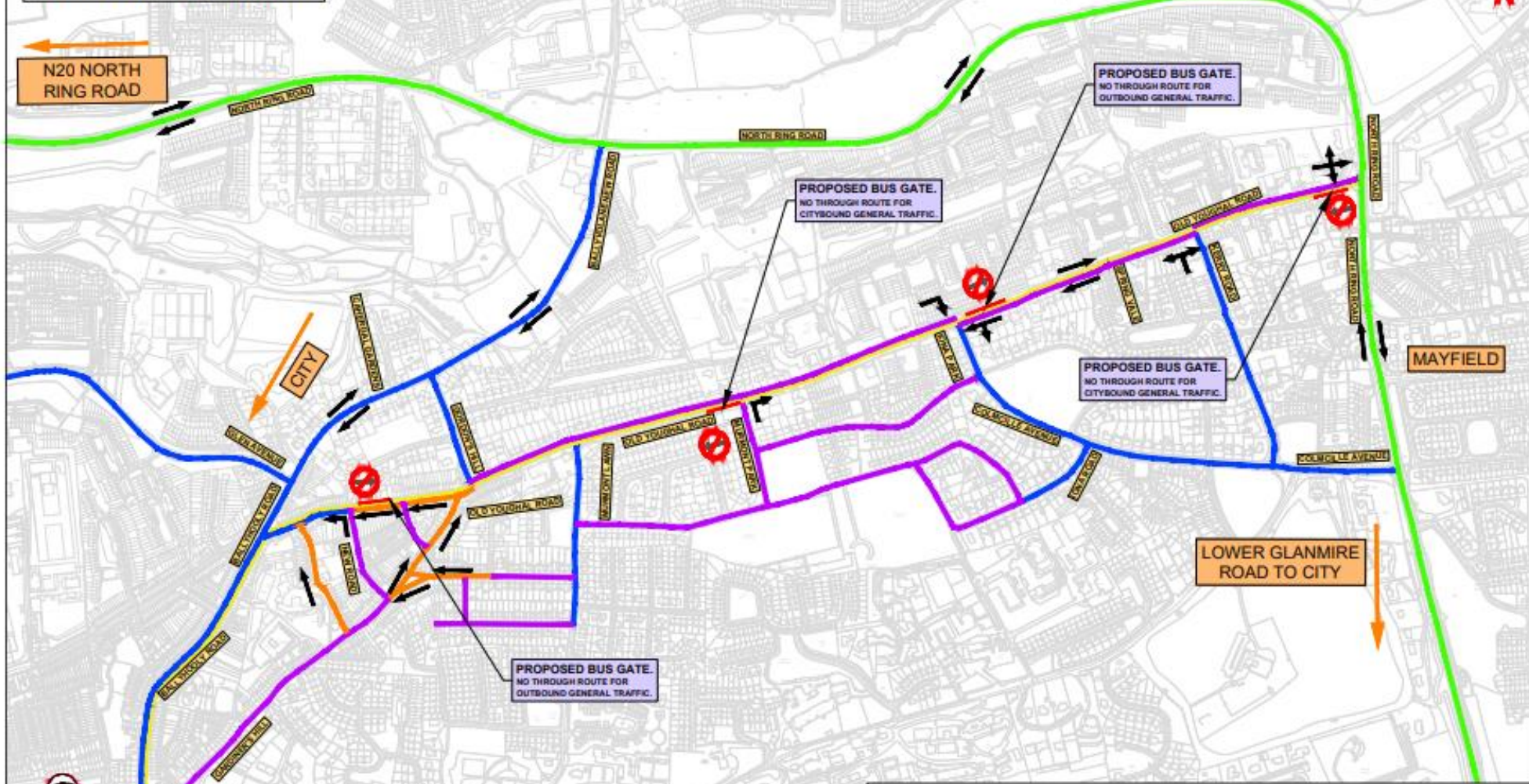
Lower Glanmire Road











B Mayfield to City



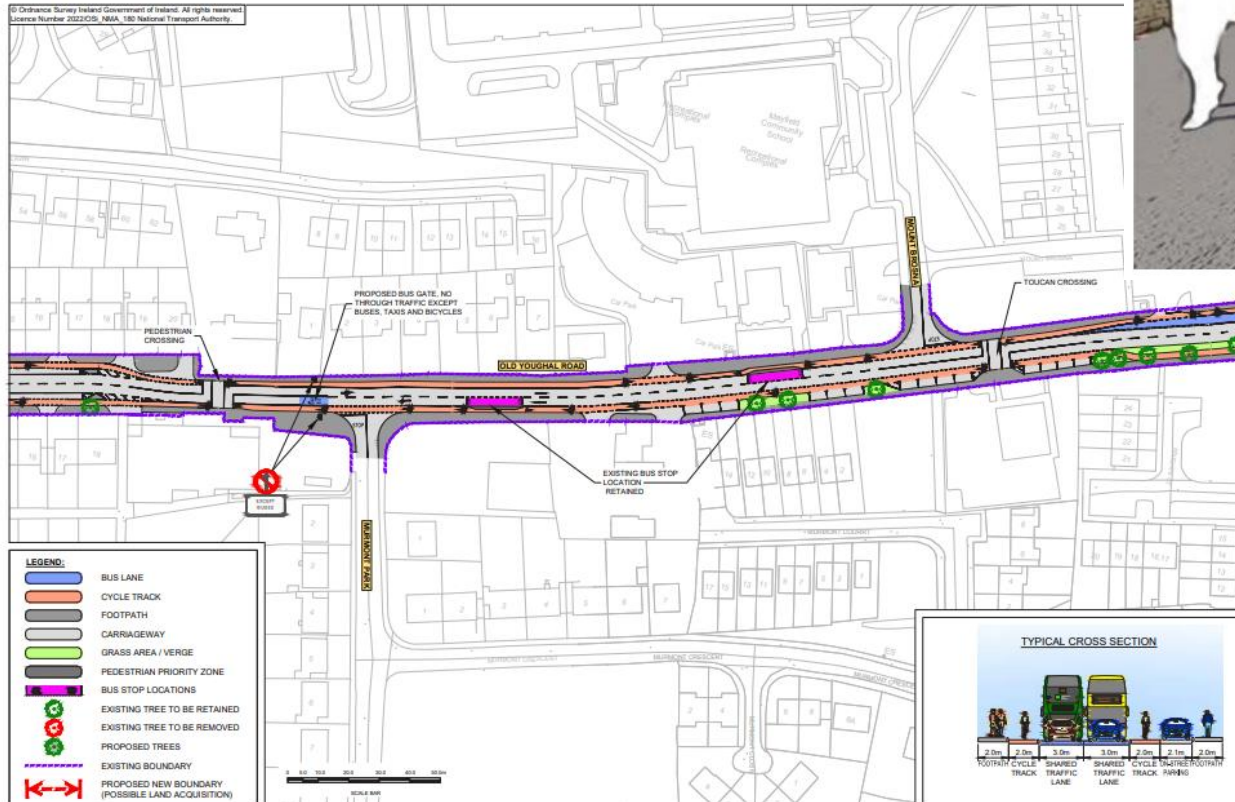
ALTERNATIVE TRAFFIC ROUTES



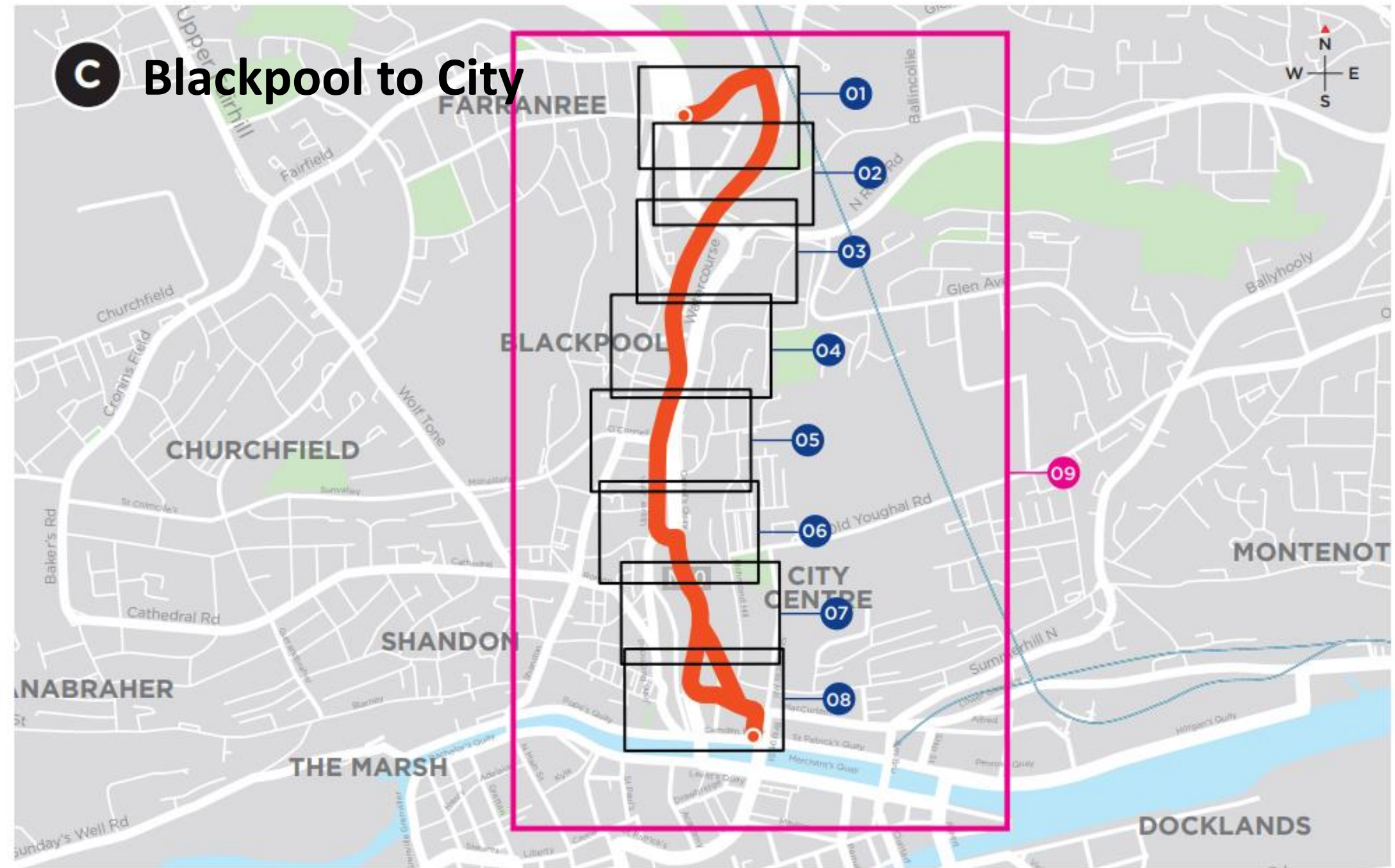
LEGEND:

 SUSTAINABLE TRANSPORT CORRIDOR	 ONE-WAY SECTION
 MAJOR THROUGH ROUTES	 LOCAL ACCESS SECTION
 BUS GATE	 NO GENERAL TRAFFIC PERMITTED IN THE DIRECTION INDICATED
 LOCAL ROAD NETWORKS	 MOVEMENTS FOR GENERAL TRAFFIC IN THE DIRECTION INDICATED

Old Youghal Road

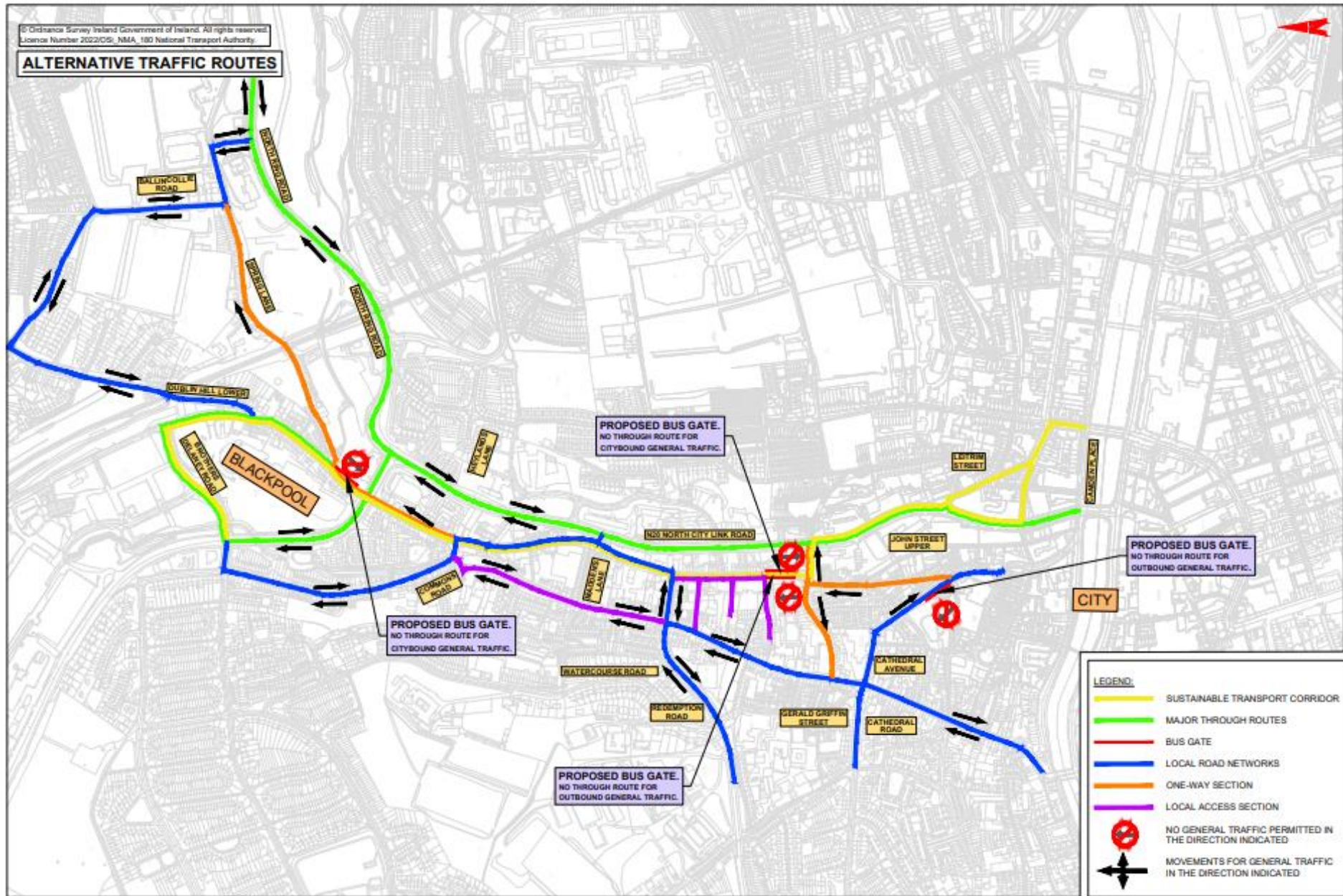


C Blackpool to City



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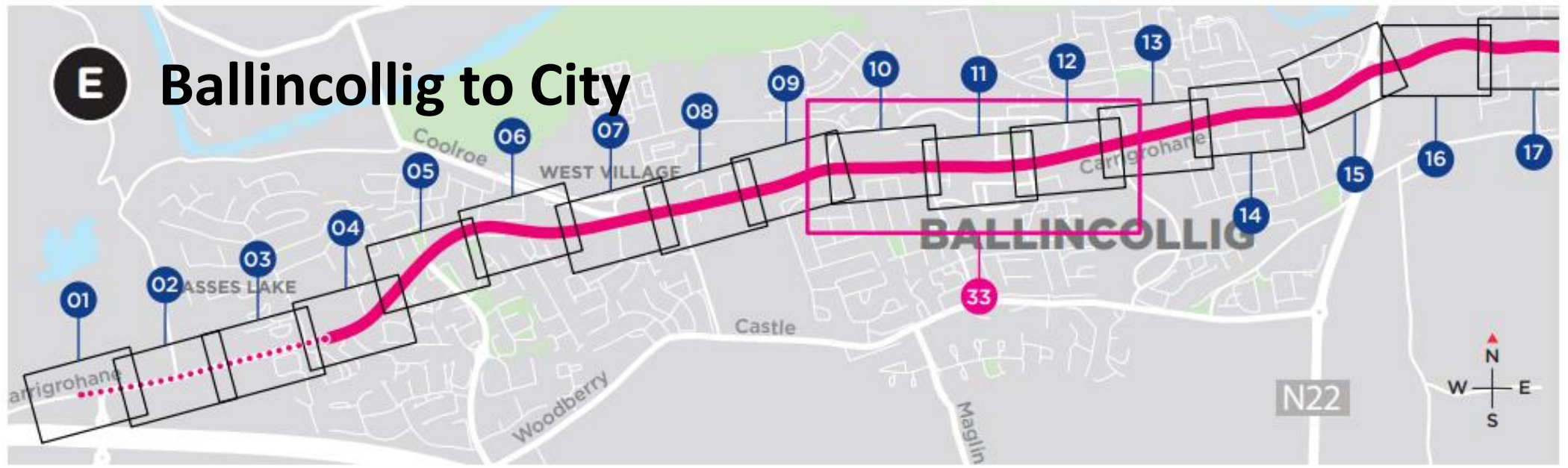
ALTERNATIVE TRAFFIC ROUTES



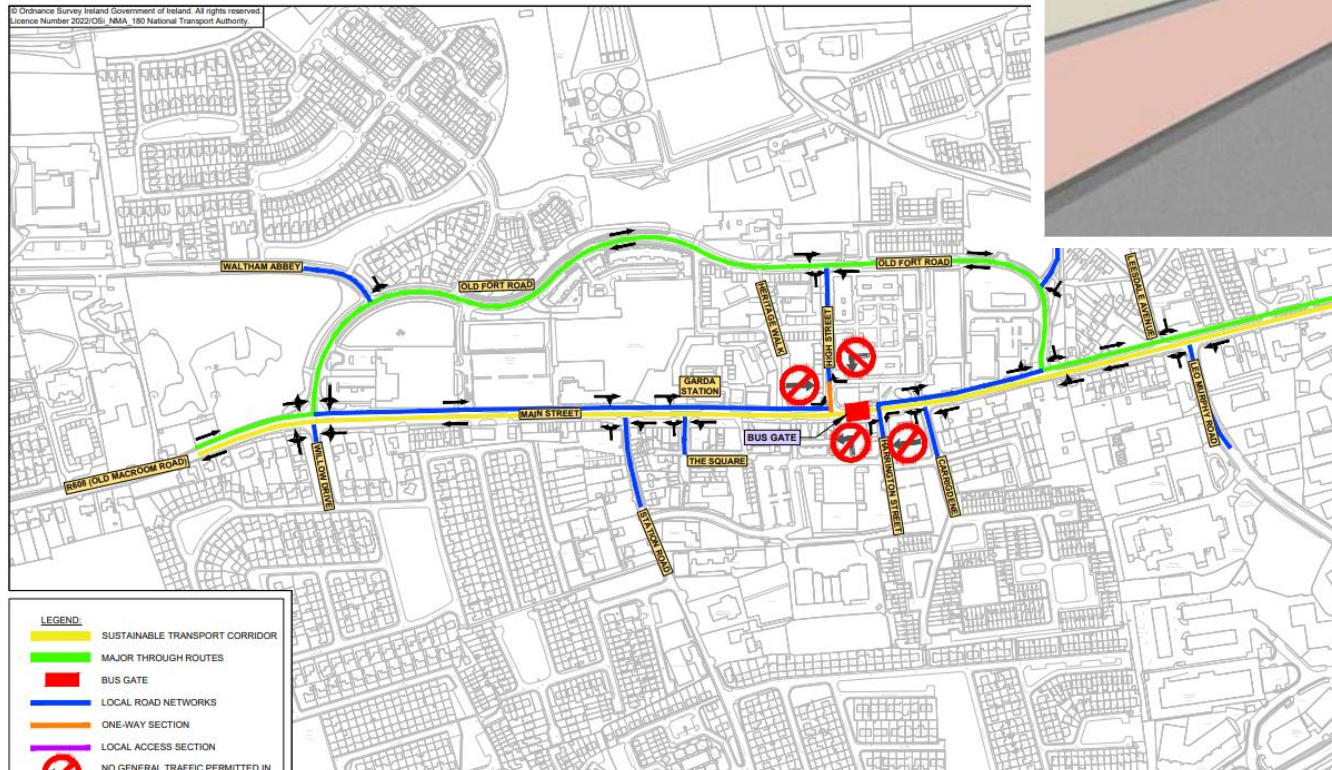
LEGEND:

- SUSTAINABLE TRANSPORT CORRIDOR
- MAJOR THROUGH ROUTES
- BUS GATE
- LOCAL ROAD NETWORKS
- ONE-WAY SECTION
- LOCAL ACCESS SECTION
- NO GENERAL TRAFFIC PERMITTED IN THE DIRECTION INDICATED
- MOVEMENTS FOR GENERAL TRAFFIC IN THE DIRECTION INDICATED

E Ballincollig to City

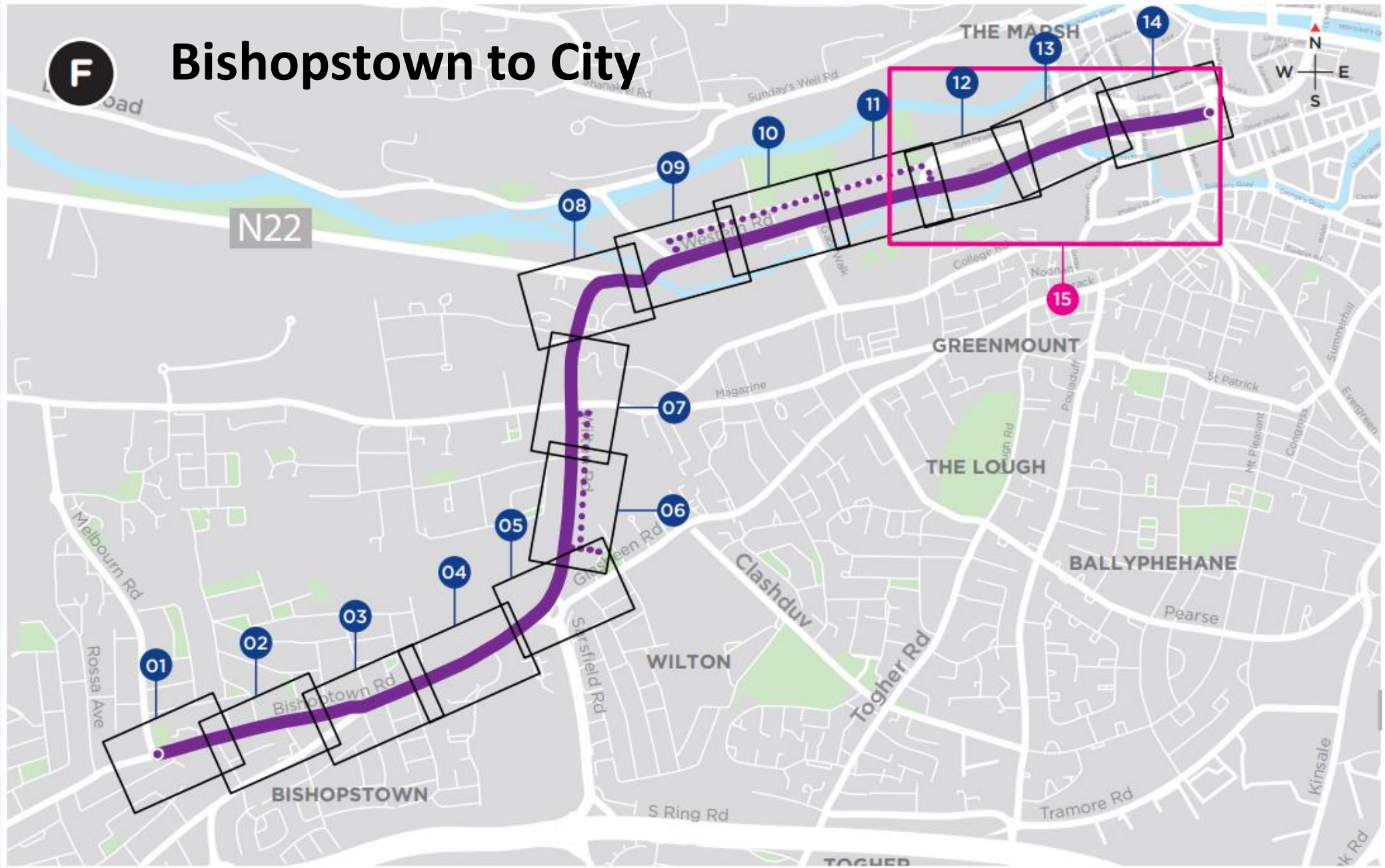


Ballincollig Centre

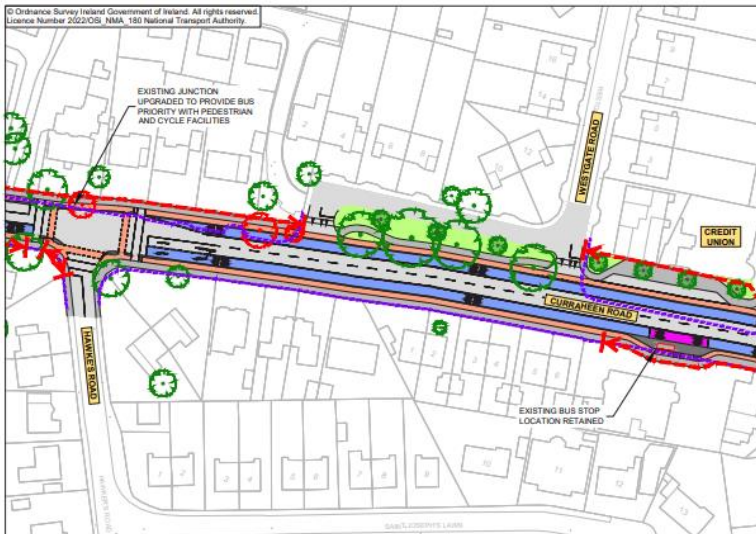


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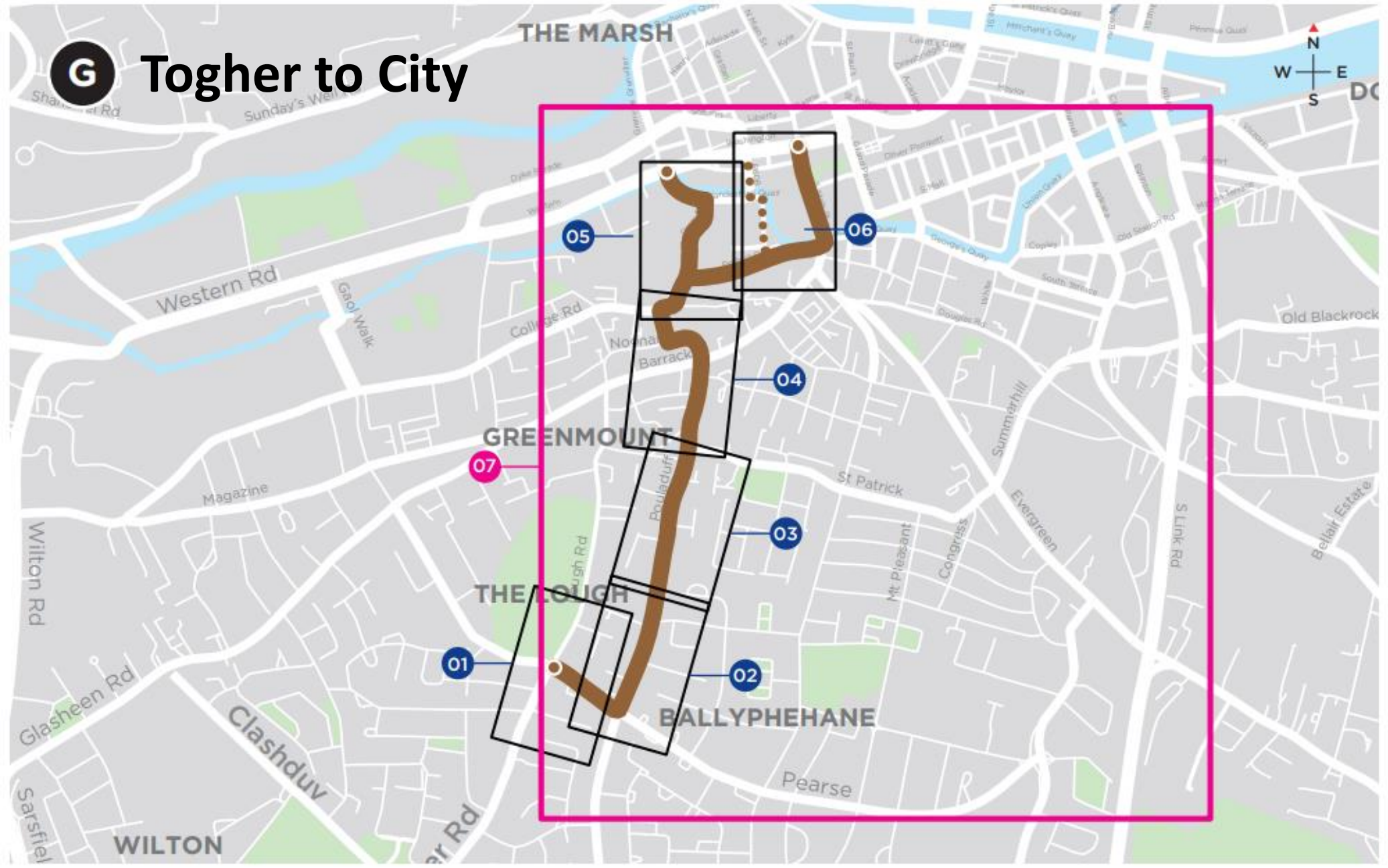
Bishopstown to City

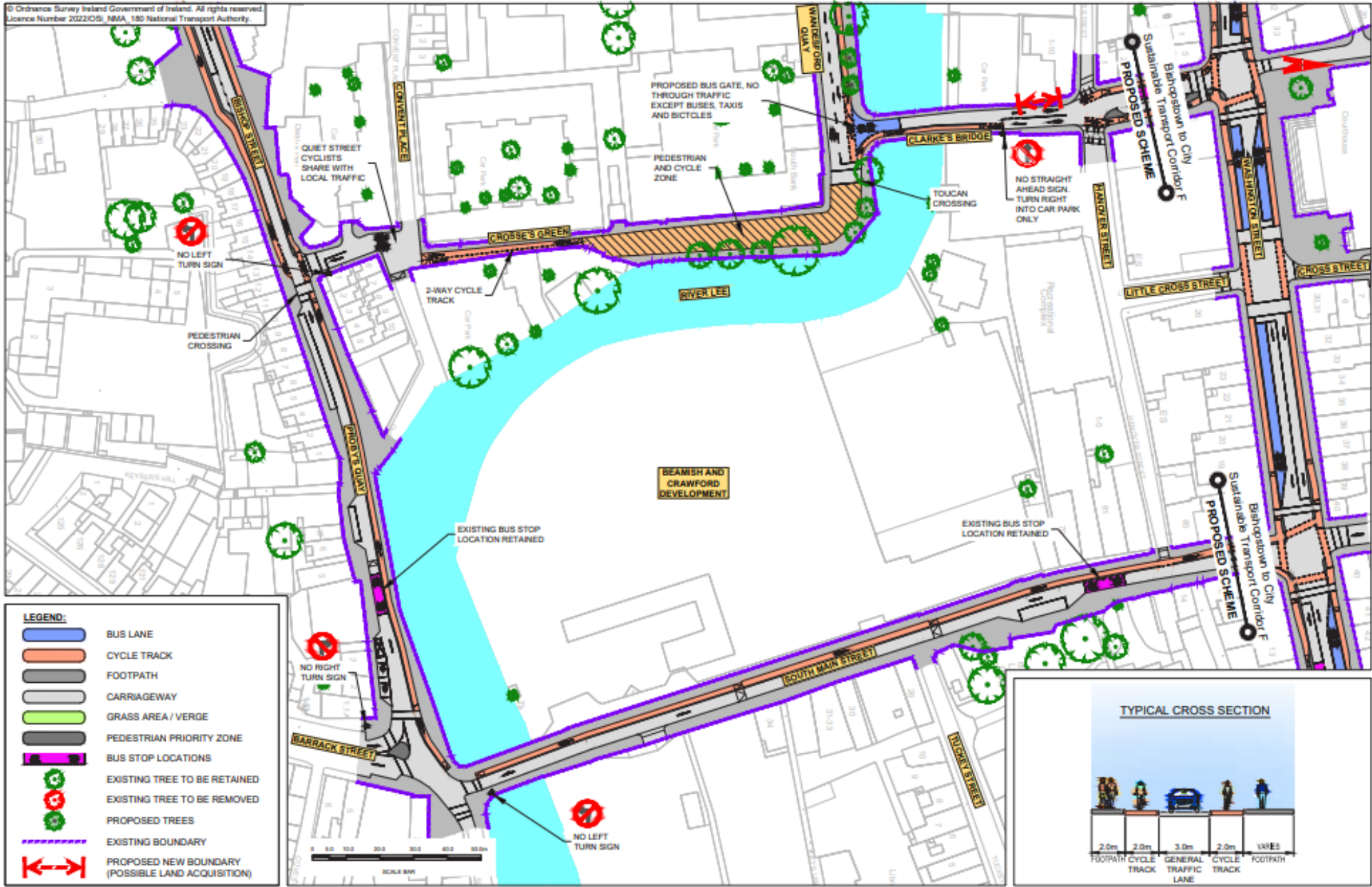


Curraheen Road



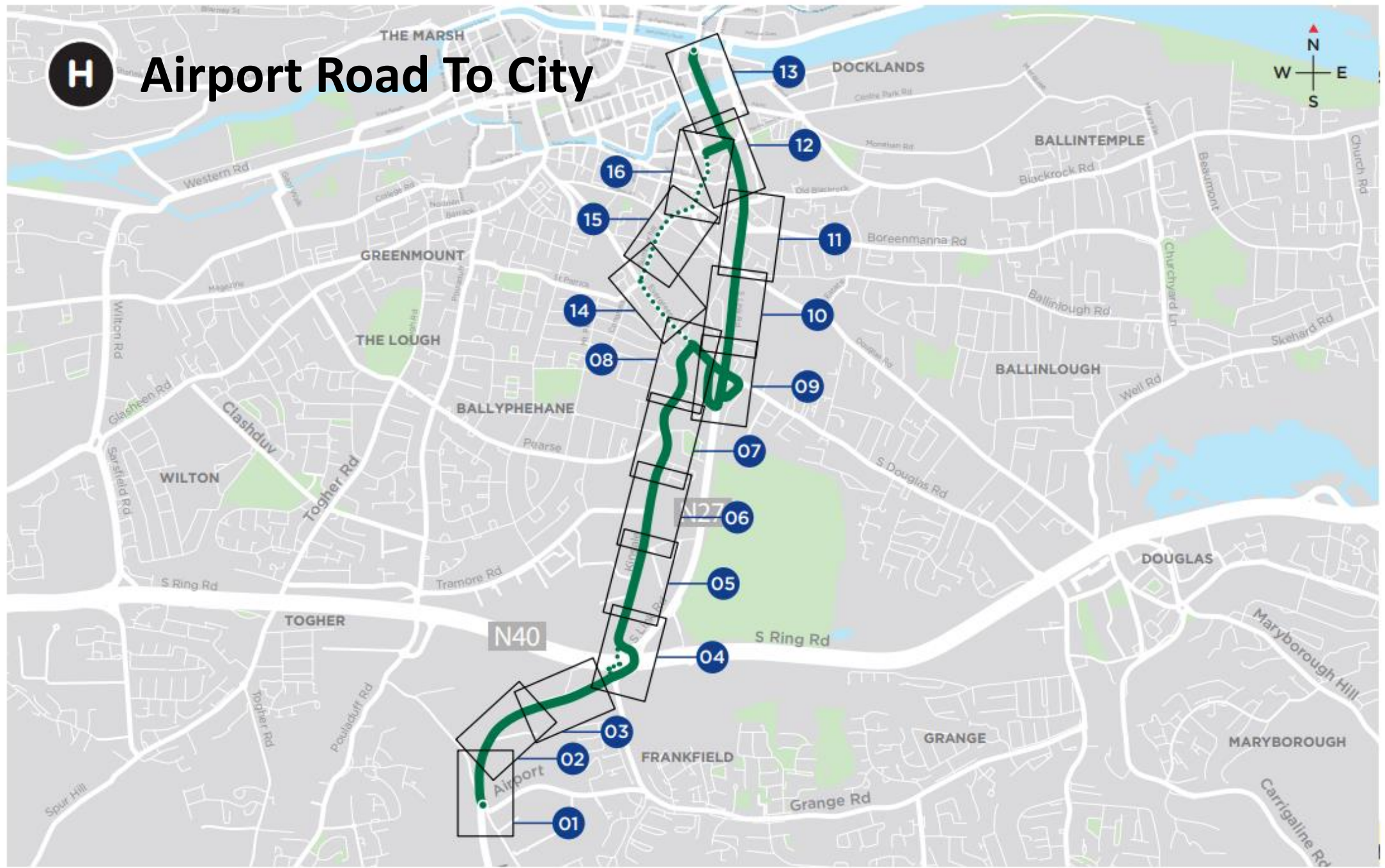
G Togher to City





H

Airport Road To City



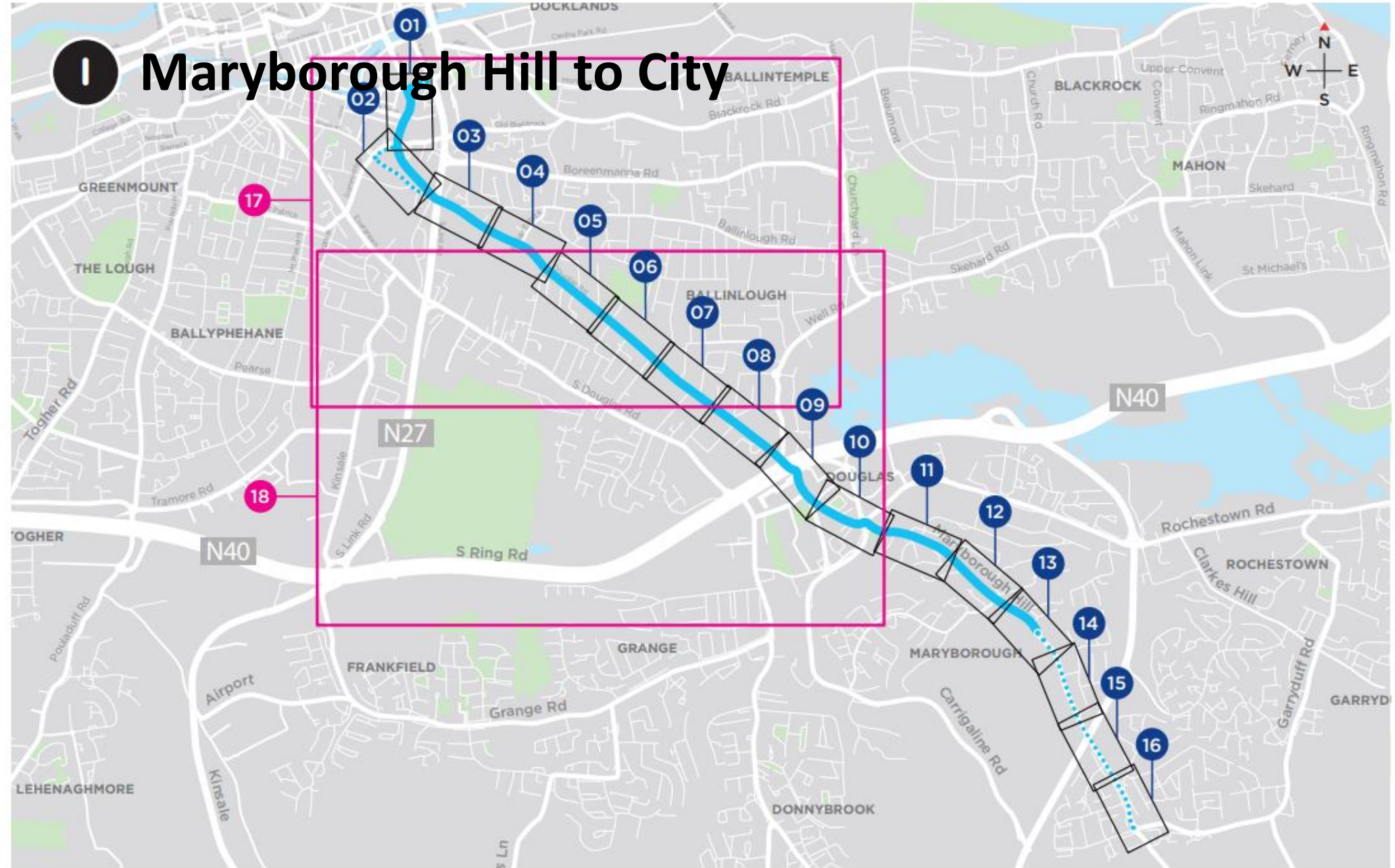
Curragh Road



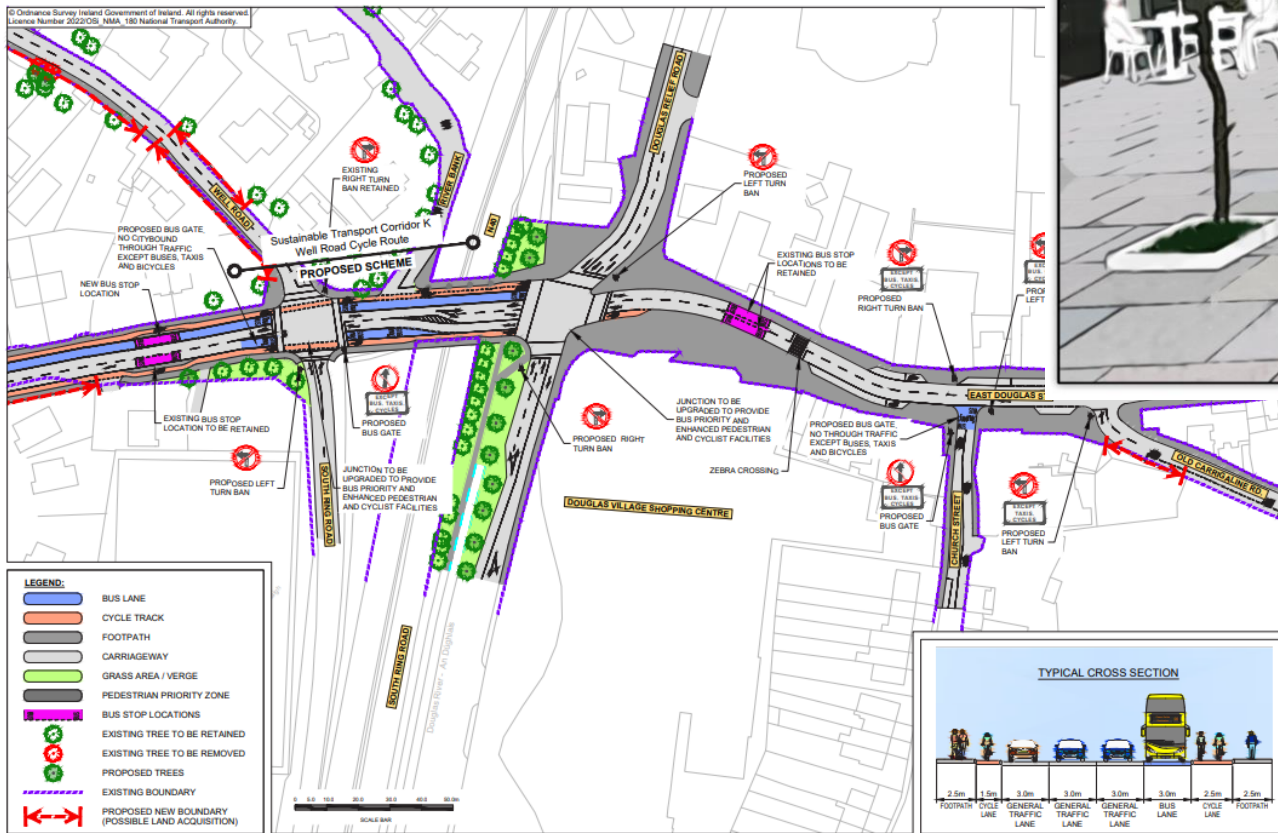
Clontarf Street



Maryborough Hill to City

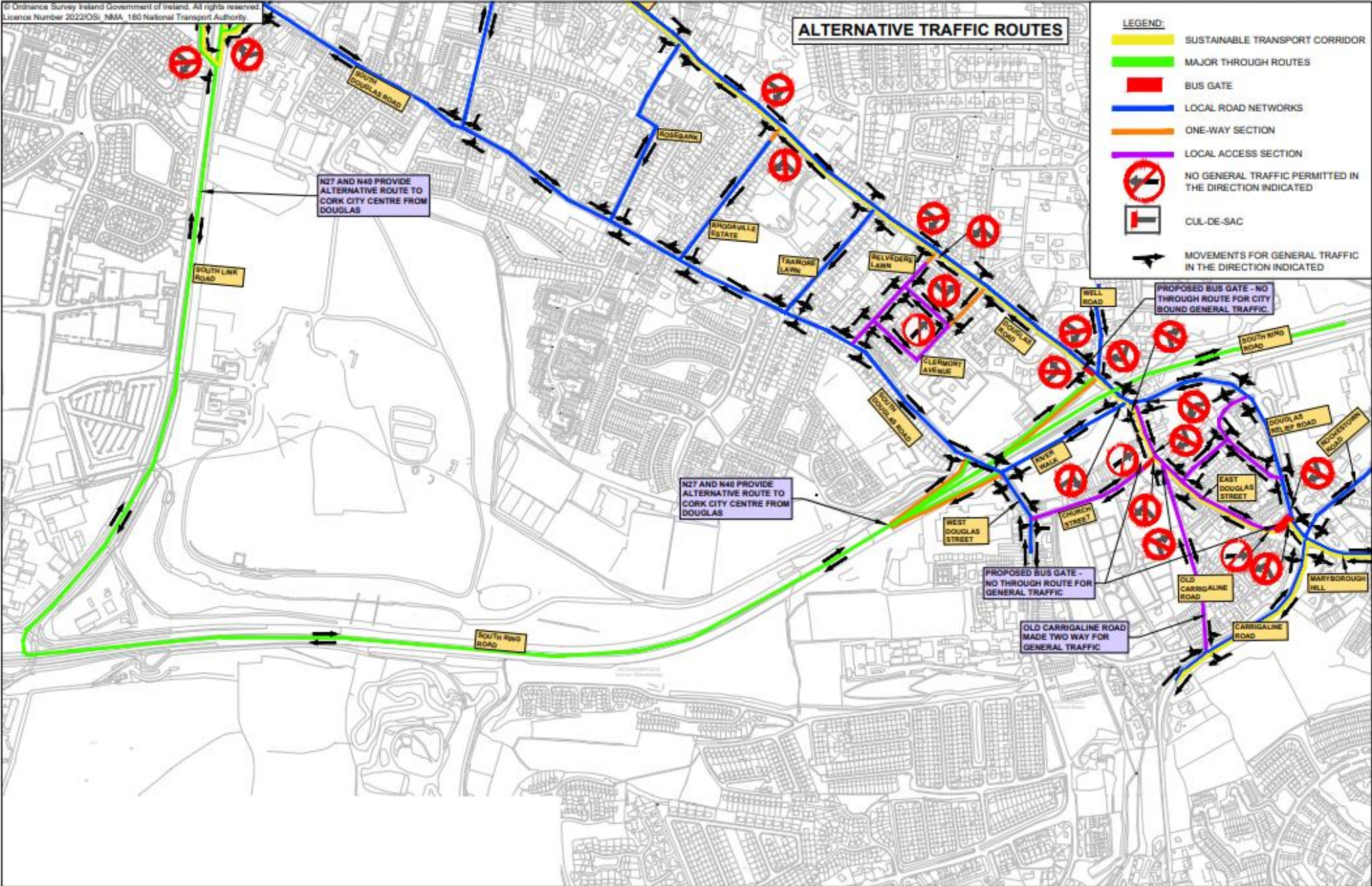


Douglas Street East



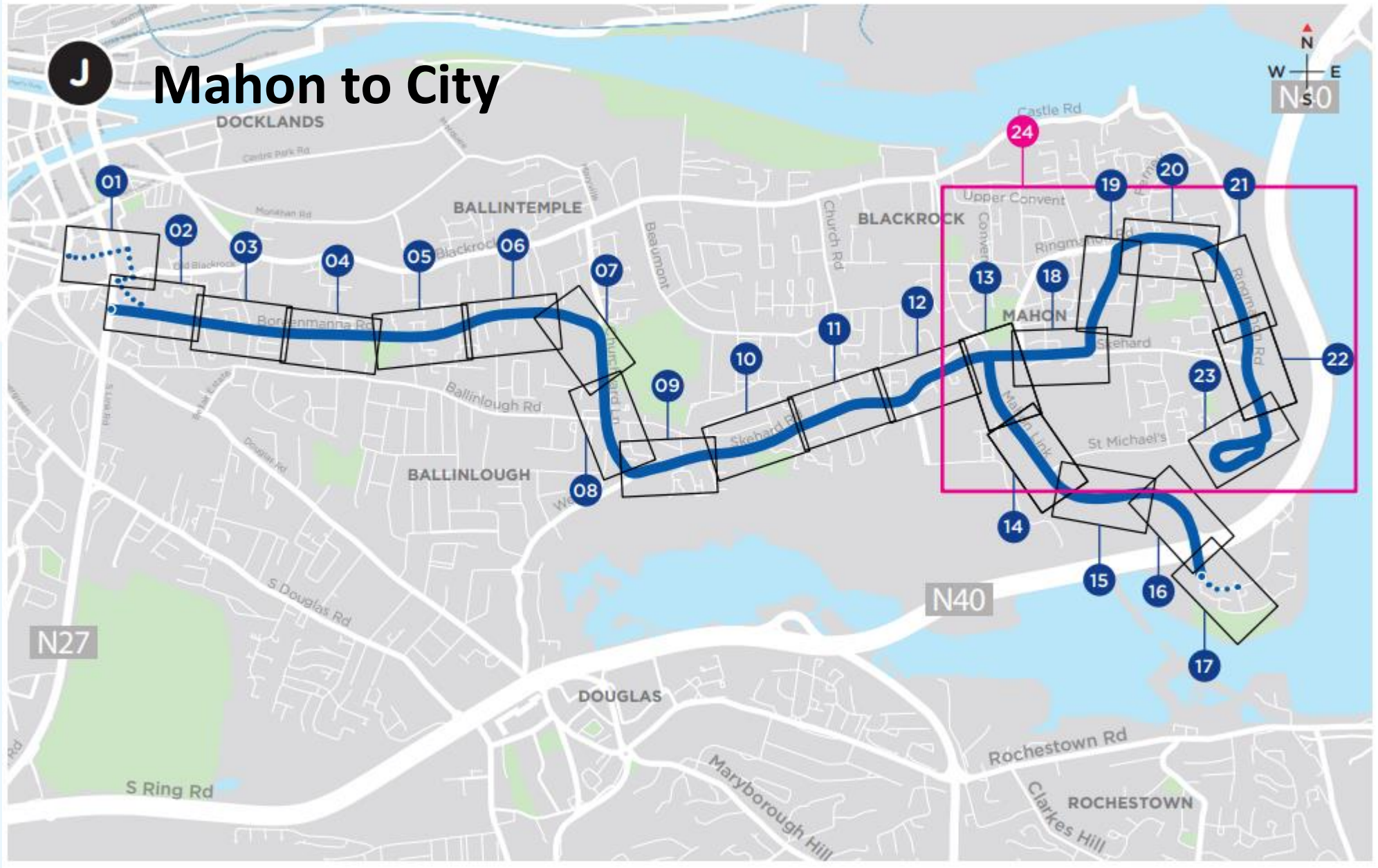
ALTERNATIVE TRAFFIC ROUTES

- LEGEND:**
- SUSTAINABLE TRANSPORT CORRIDOR
 - MAJOR THROUGH ROUTES
 - BUS GATE
 - LOCAL ROAD NETWORKS
 - ONE-WAY SECTION
 - LOCAL ACCESS SECTION
 - NO GENERAL TRAFFIC PERMITTED IN THE DIRECTION INDICATED
 - CUL-DE-SAC
 - MOVEMENTS FOR GENERAL TRAFFIC IN THE DIRECTION INDICATED



J

Mahon to City



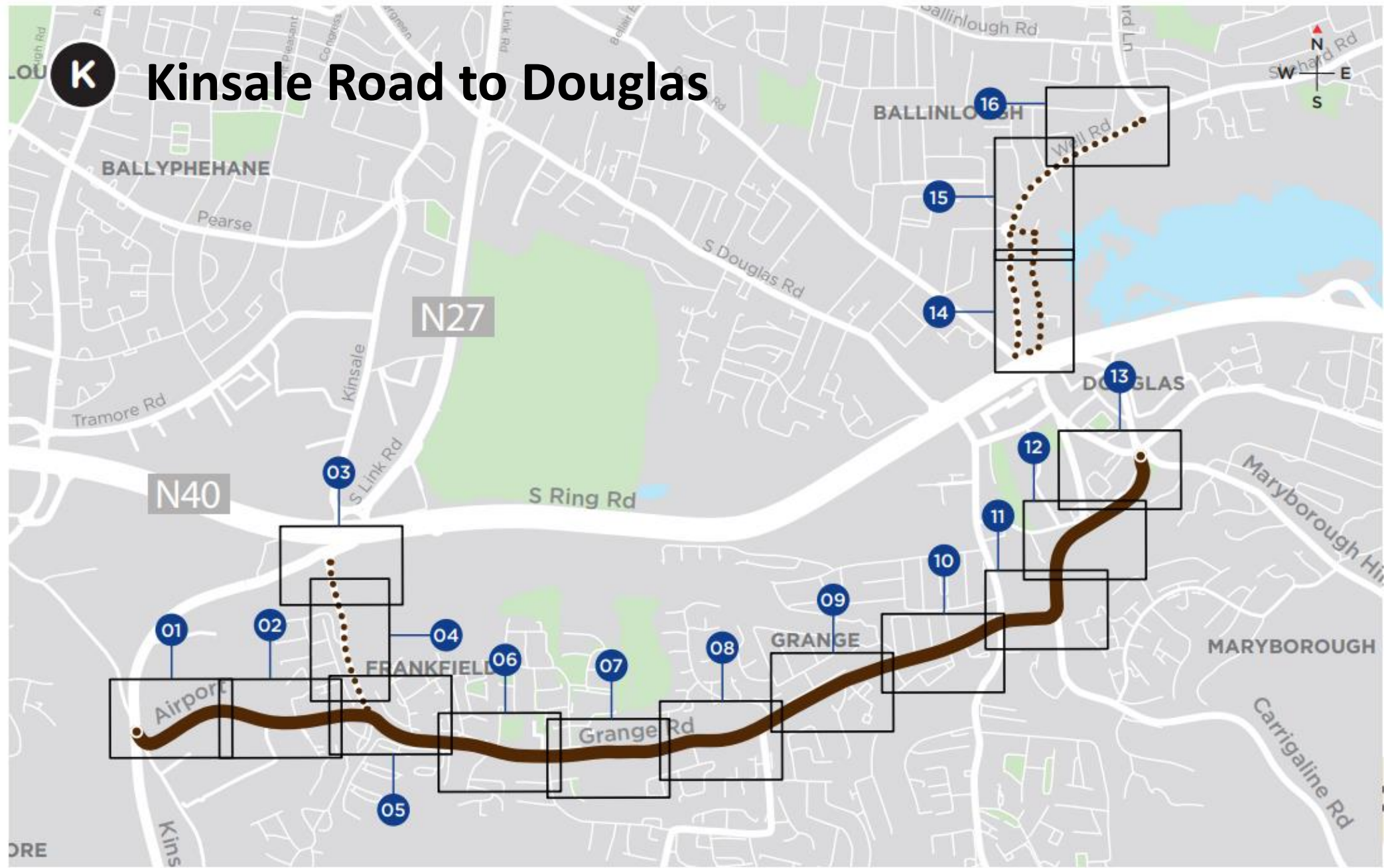
Avenue De Rennes



Boreenmanna Road

K

Kinsale Road to Douglas

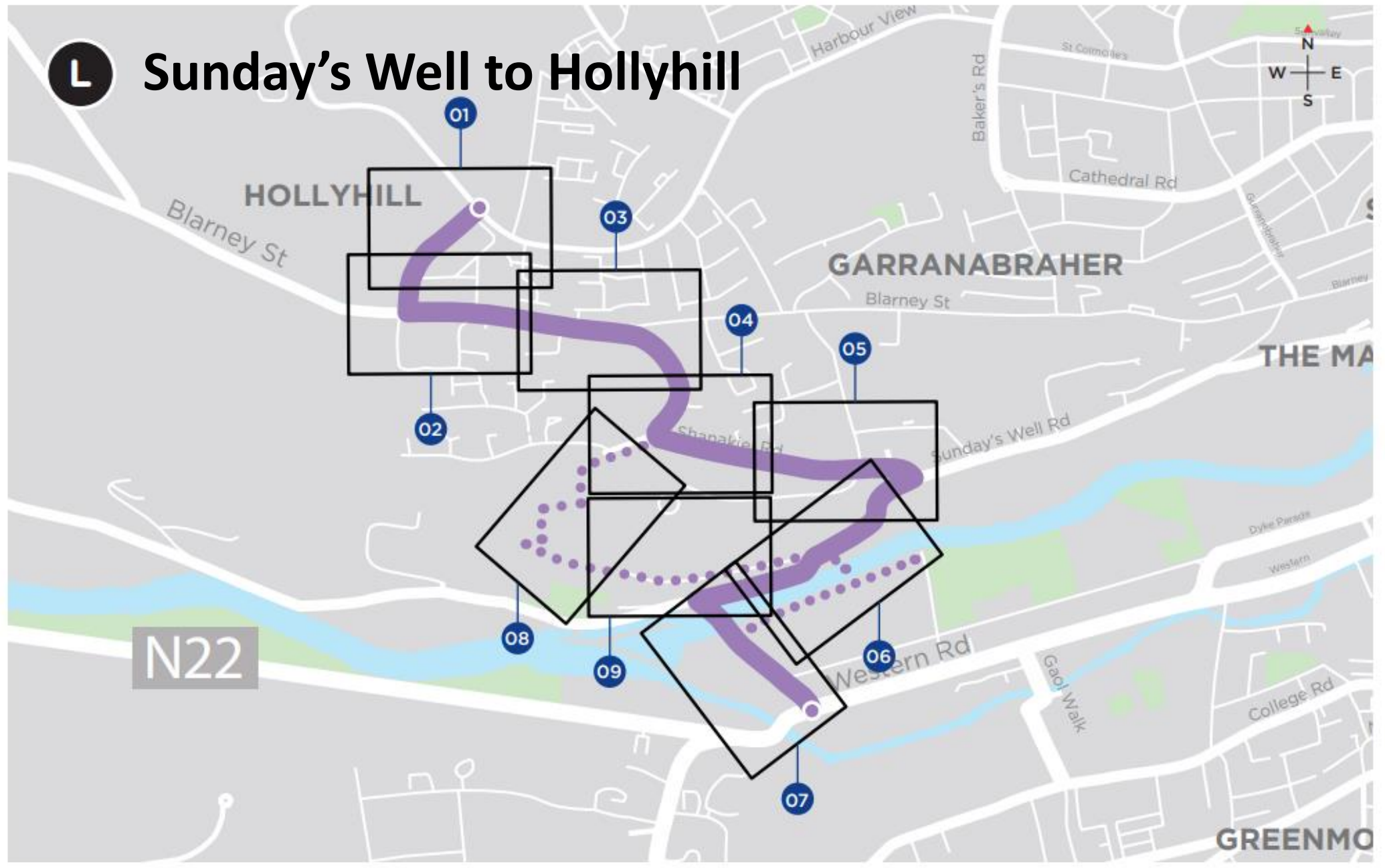


Carrigaline Road

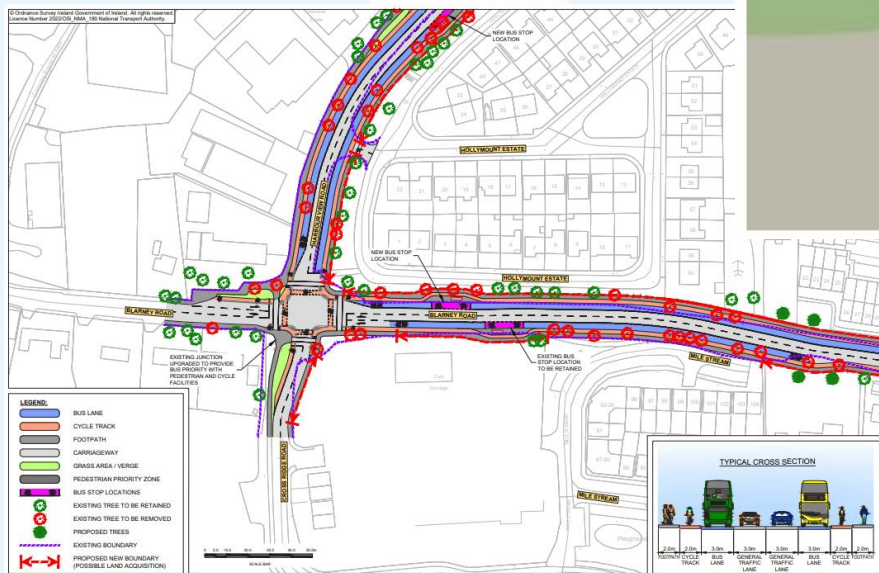




Sunday's Well to Hollyhill



Blarney Road



Community Forums

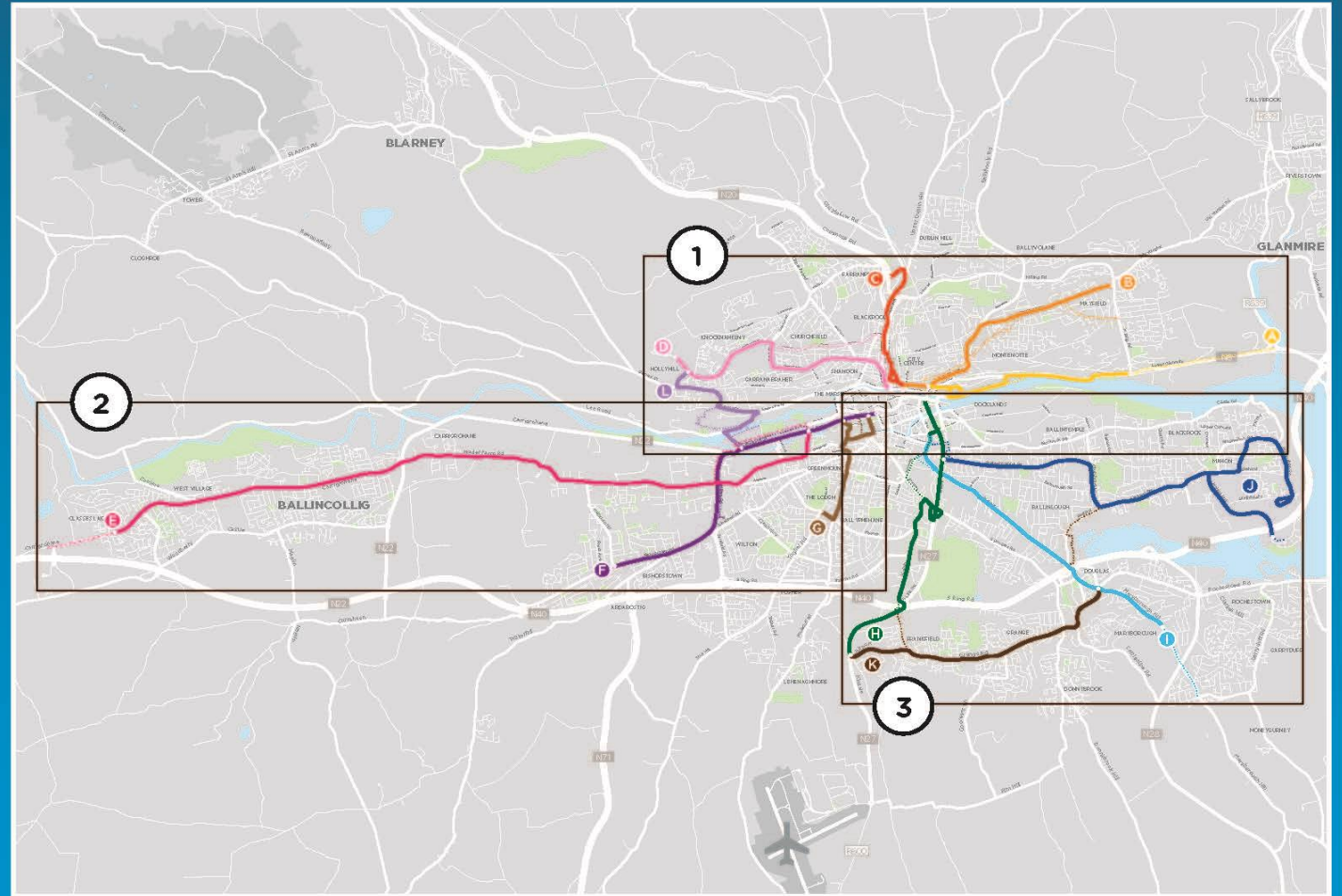
- The NTA is fully committed to working with all interested parties in the development of the Sustainable Transport Corridors. As part of this process we will be establishing Community Forums for the corridors.
- Membership of each forum will comprise of two representatives from each resident and community association, disability and special interest groups and business organisations on the corridors, along with local public representatives.
- It is intended that the Community Forums will facilitate a two-way dialogue process with representatives of communities / groups in relation to the Sustainable Transport Corridors proposals.
- The Community Forums will be established during the initial round of public consultation and will continue throughout all rounds. Independent Chairs will be appointed to Chair each Forum.
- Forum events will start during August – dates and arrangements will be advertised on the BusConnects website in the coming weeks.
- Groups can email corkstc@busconnects.ie to register interest.

BusConnects Cork - Community Forums

Community Forum

Sustainable Transport Corridors

- 1
 - A Dunkettle to City
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 - D Hollyhill to City
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Public Consultation and How to have your say

- **12 Sustainable Transport Corridor** – Individual brochures to view and download are available on www.busconnects.ie/cork
- Online submissions portal for feedback on www.busconnects.ie/cork
- General queries to Corkstc@busconnects.ie
- Public Advertising Campaign across print, radio, digital on bus and outdoor
- Public Consultation will run from 30th June – until Friday 9th September
- **Public Information Events:**

	Sustainable Transport Corridor (STC)	Location	Dates
West Cork	E - Ballincollig to City F - Bishopstown to City	Oriel House Hotel , Ballincollig, Cork, Ireland, P31 DY93	Tue 19th July 2pm - 7pm Wed 20th July 9am – 2pm
North Cork	A - Dunkettle to City B - Mayfield to City C - Blackpool to City D - Hollyhill to City L - Sunday's Well to Hollyhill	Silversprings Hotel , Tivoli, Cork, Ireland, T23 E244	Mon 25th July 2pm - 7 pm Tue 26th July 9am- 2pm
South East Cork	G - Togher to City H - Airport Road to City I - Maryborough Hill to City J - Mahon to City K - Kinsale Road to Douglas	Nemo Rangers GAA Club , Mount Vernon Cres, Ballinlough, Cork, T12 R2PC	Wed 27 th July 2pm - 7pm Thur 28th July 9am – 2pm

QUESTIONS

