BUS CONNECTS





TRANSFORMING CITY BUS SERVICES

Community Forum for

Tallaght to Terenure Core Bus Corridor

Monday 16th September 2019





TRANSFORMING CITY BUS SERVICES

CHAIRPERSON – SIMON NUGENT

HUGH CREEGAN – Deputy CEO, National Transport Authority

AIDAN GALLAGHER – Senior Project Manager, BusConnects Infrastructure

DENIS CROWLEY – Arup Consulting Engineers

DAVID COLLINS – Arup Consulting Engineers

JOHN KELLY – Brady Shipman Martin





- Introduction
- **Overview of BusConnects**
- **Recap of Actions**
- **Review of Submissions**
- Indications of Designs under Consideration
- Q&A's

BUS CONNECTS

TRANSFORMING CITY BUS SERVICES



Introduction





Recap of Actions from previous Community Forum



- > To review traffic movements and traffic impacts
- Review enforcement requirements along the route
- Review pedestrian arrangements
- > To review rat running enforcement in Rathdown Estate

BUS CONNECTS

TRANSFORMING CITY BUS SERVICES



Public Consultation Submission Summary

PUBLIC CONSULTATION SUBMISSION SUMMARY



TRANSFORMING CITY BUS SERVICES

The emerging preferred route for the Tallaght to Terenure Core Bus Corridor was consulted between 23rd January 2019 to the 30th April 2019.

A total of 383 submissions were received and logged for the scheme.

Notes from these meetings, as well as from public consultation sessions were also logged.

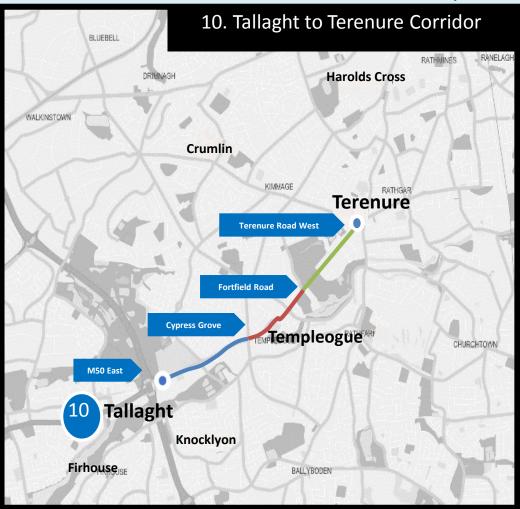
Submissions Received by Section



TRANSFORMING CITY BUS SERVICES

In the analysis of submissions, the Core Bus Corridor was divided into 3 sections, namely:

- Section 1: M50 East to Cypress Grove
- Section 2: Cypress Grove to Fortfield Road
- Section 3: Fortfield Road to Terenure Road West



SUBMISSIONS RECEIVED BY SECTION

250



TRANSFORMING CITY BUS SERVICES

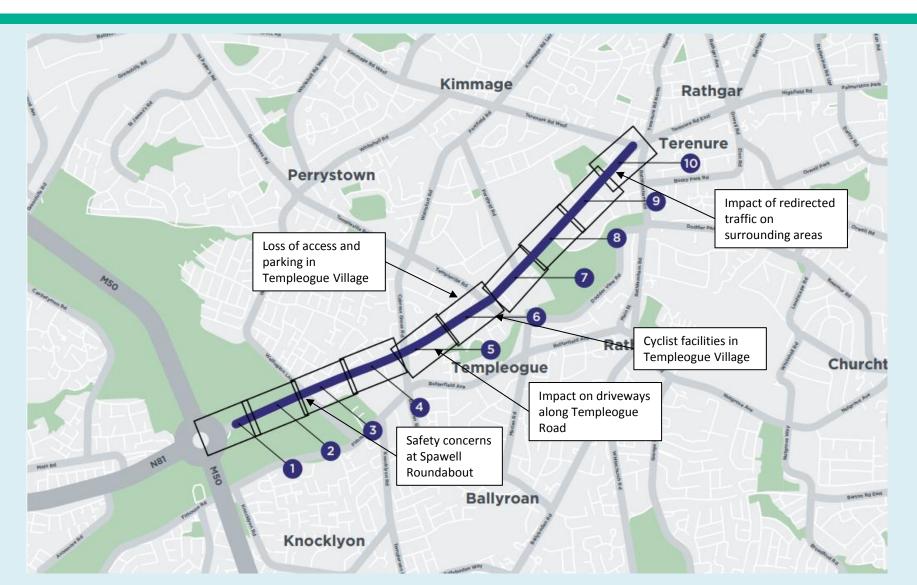
The issues raised in each submission were entered and categorised in the database by geographical section.

Submissions by Section



KEY ISSUES IDENTIFIED IN SUBMISSIONS







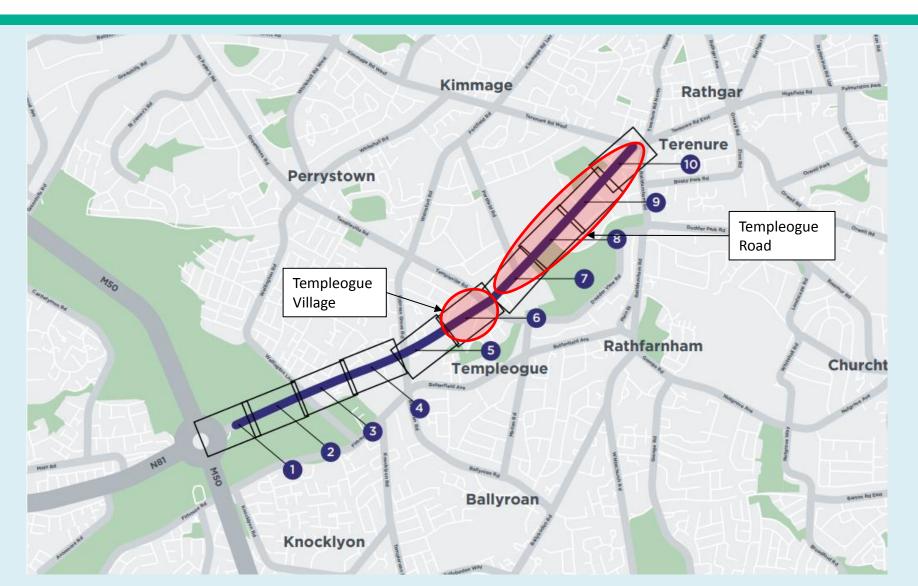
TRANSFORMING CITY BUS SERVICES



Review of Route Proposals

REVIEW OF ROUTE PROPOSALS

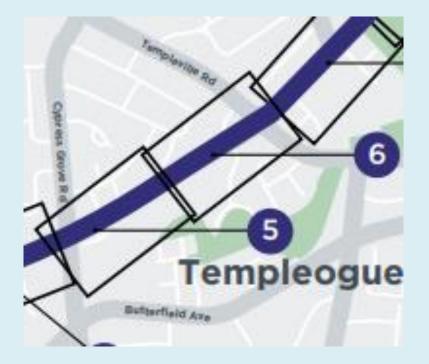




TEMPLEOGUE VILLAGE



TRANSFORMING CITY BUS SERVICES



Key Issues

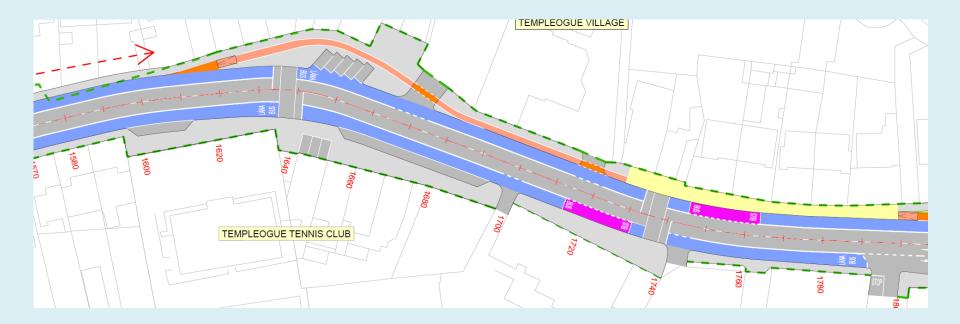
- 1. Loss of Parking & Access
- 2. Impact on Business

Route Proposals Under Consideration

- 1. Bus Priority Traffic Signals
- 2. Urban Realm

Published Proposals





Templeogue Bus Priority Signals



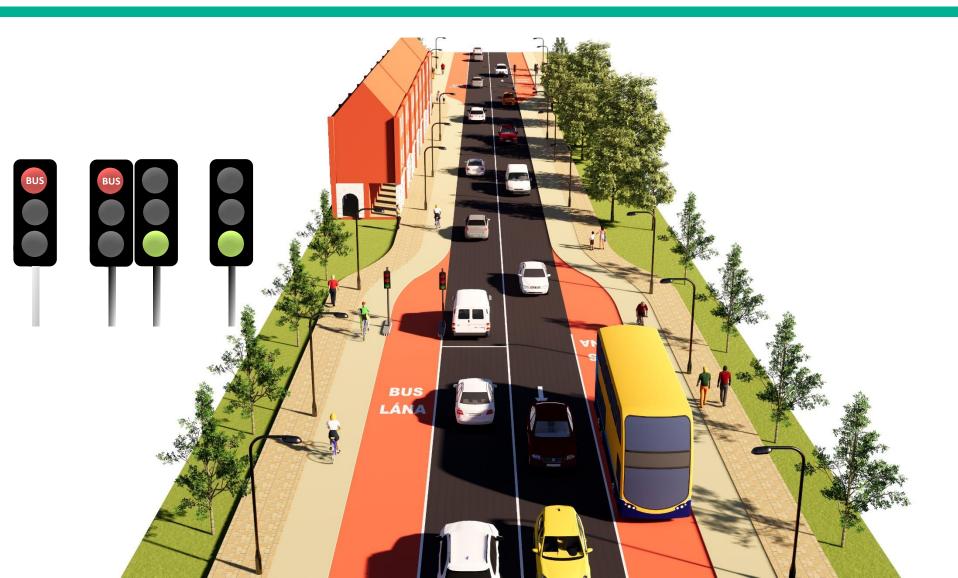
TRANSFORMING CITY BUS SERVICES

Example at Bachelor's Walk

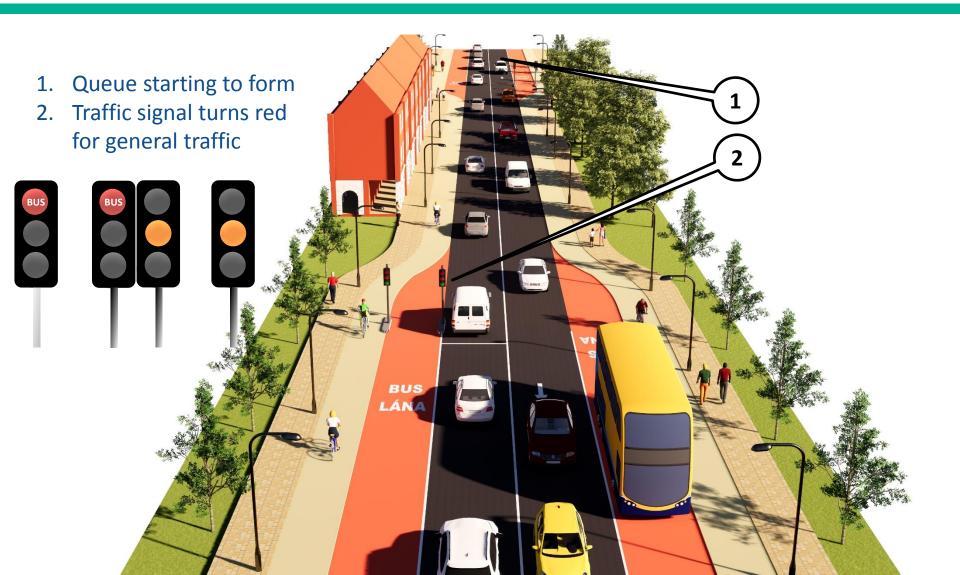




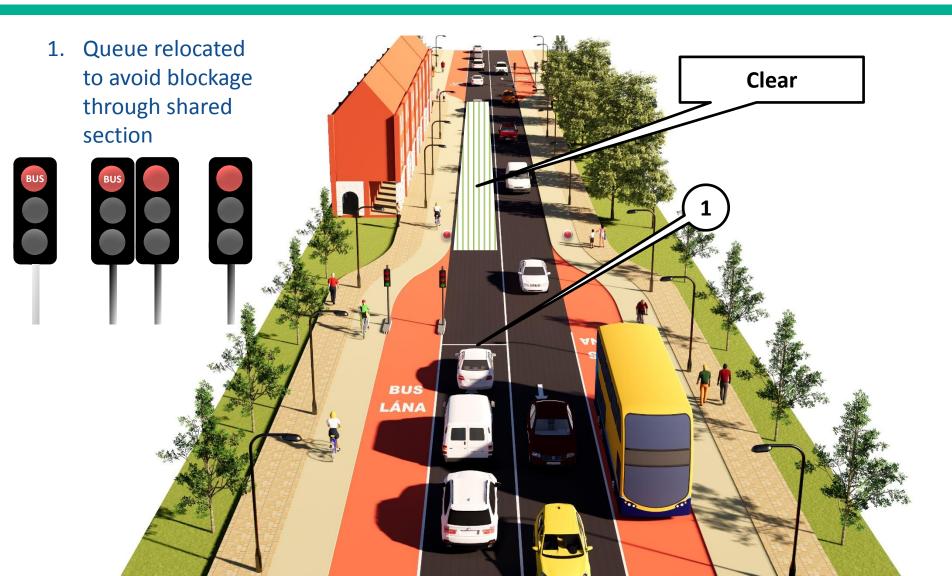




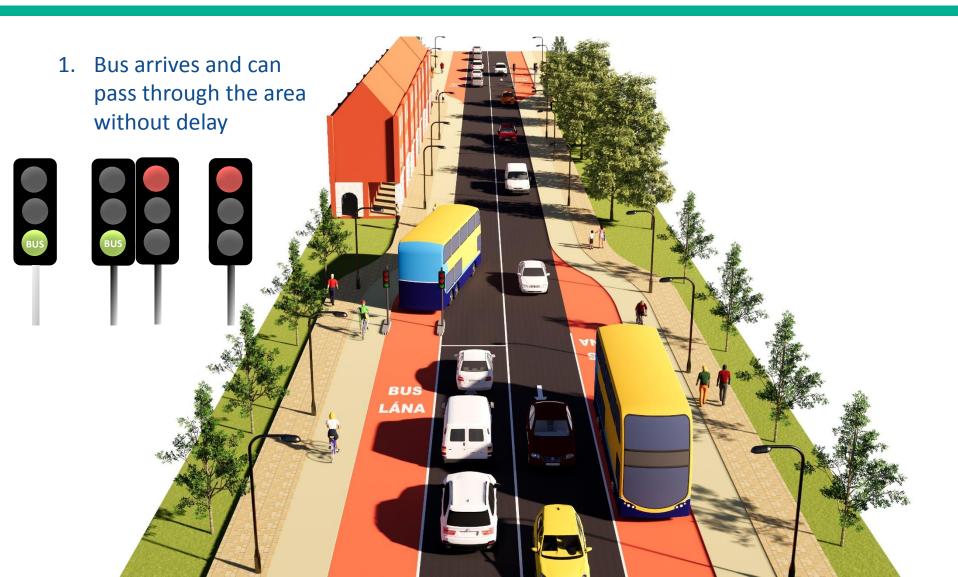




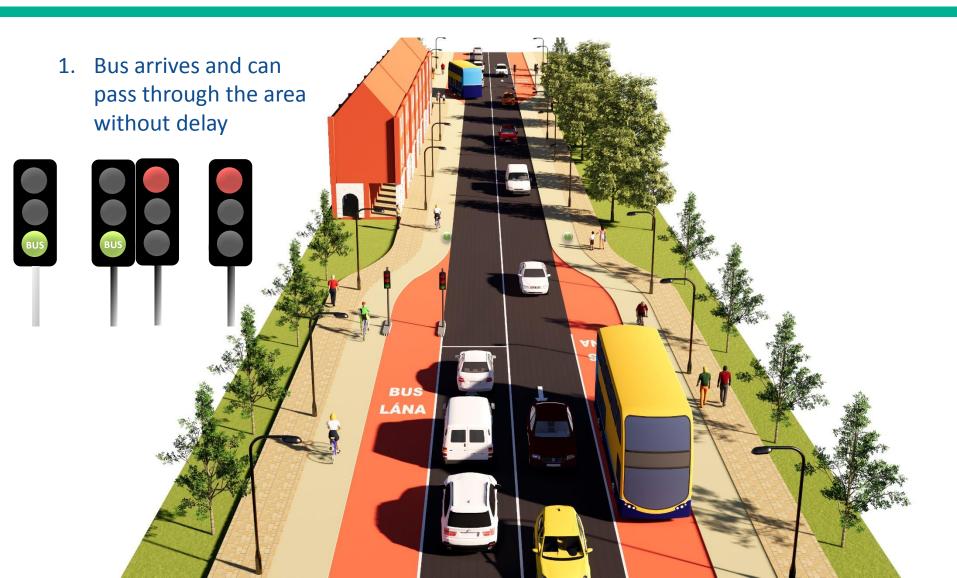




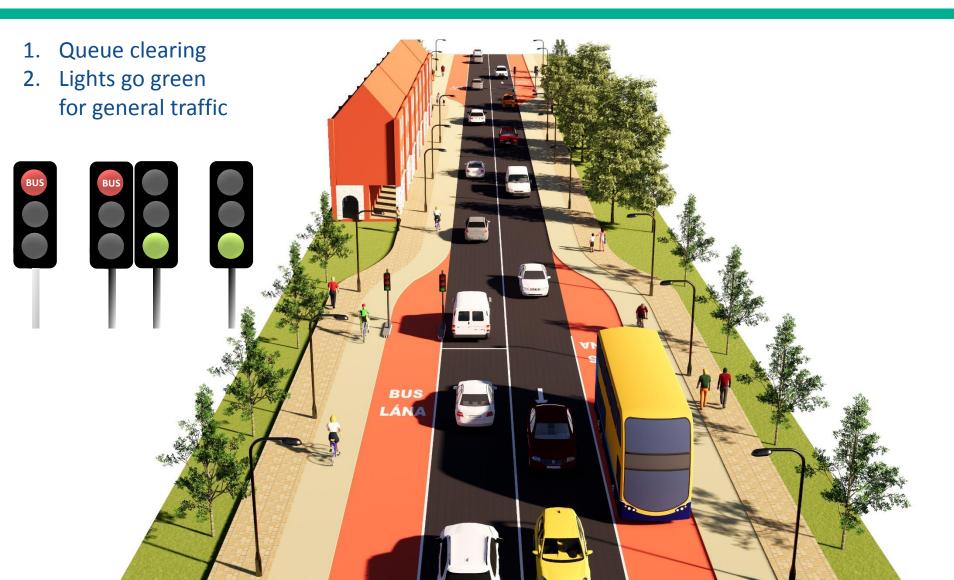






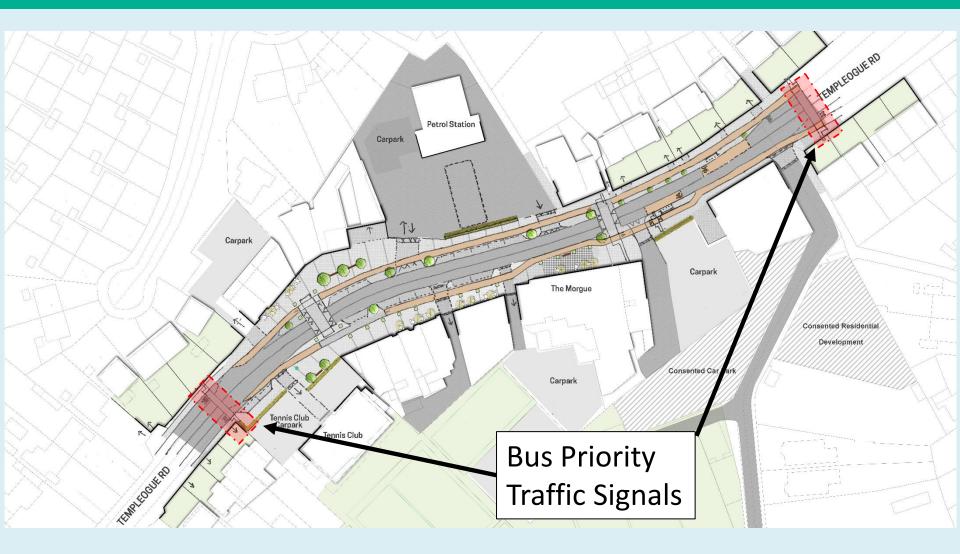






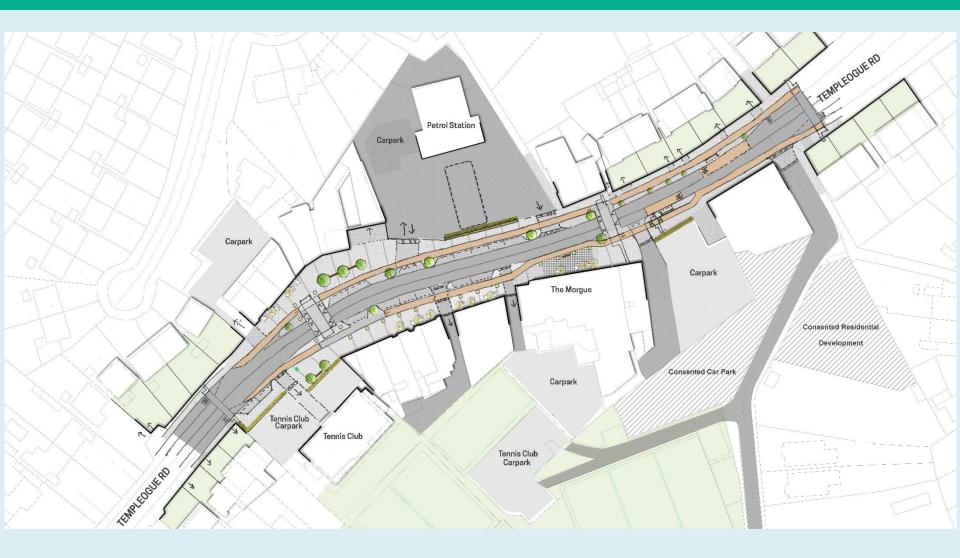
Indication of Design under Consideration





Indication of Design under Consideration





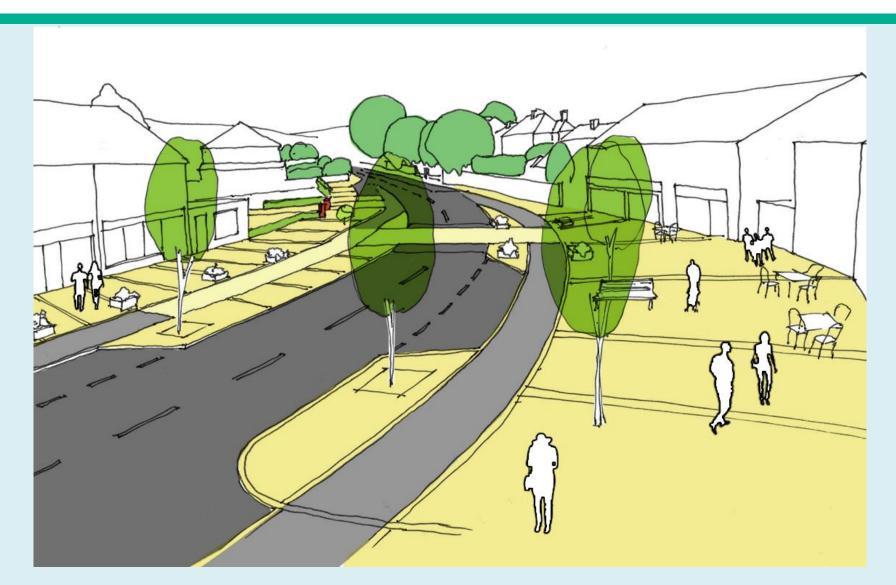
PUBLIC REALM CONCEPTS TEMPLEOGUE VILLAGE





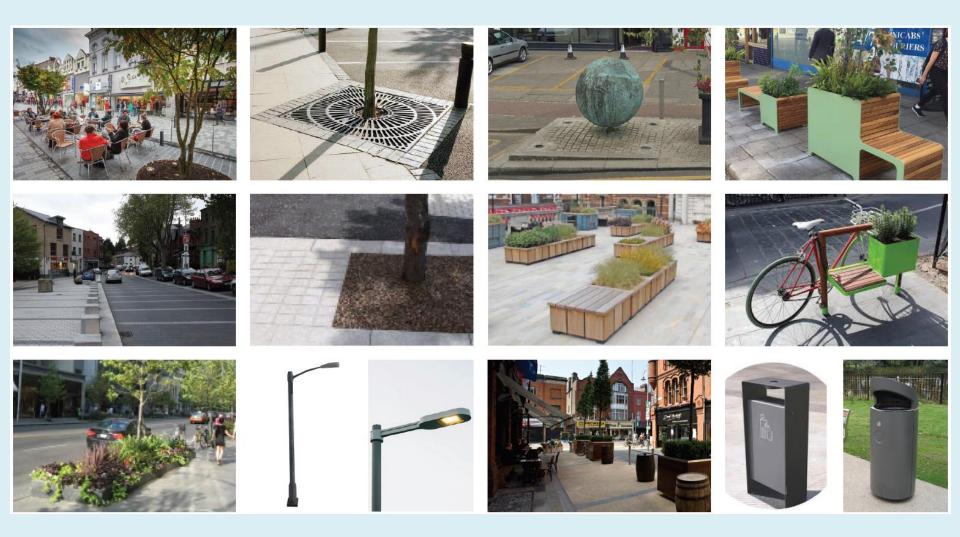
PUBLIC REALM CONCEPTS TEMPLEOGUE VILLAGE





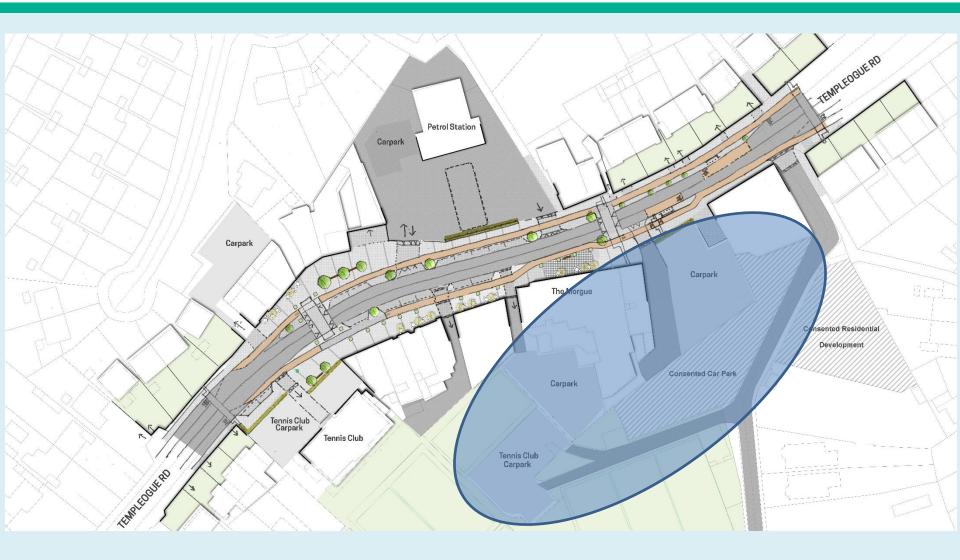
PUBLIC REALM CONCEPTS TEMPLEOGUE VILLAGE





Indication of Design under Consideration – CAR PARKING

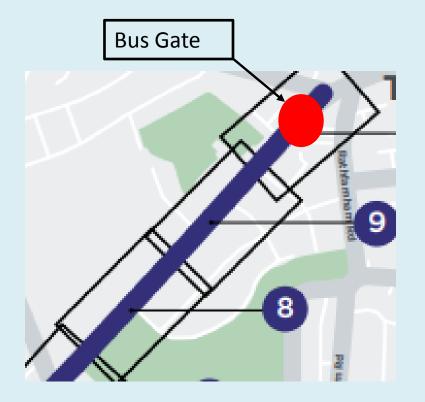




TEMPLEOGUE ROAD



TRANSFORMING CITY BUS SERVICES



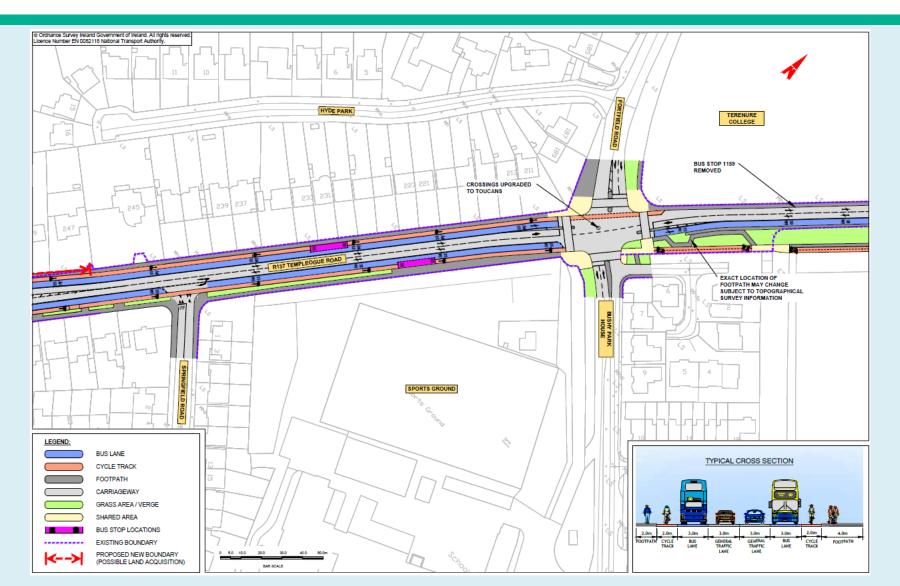
Key Issues

- 1. Impact on surrounding residential areas due to redirected traffic
- 2. Vulnerable Road User Safety

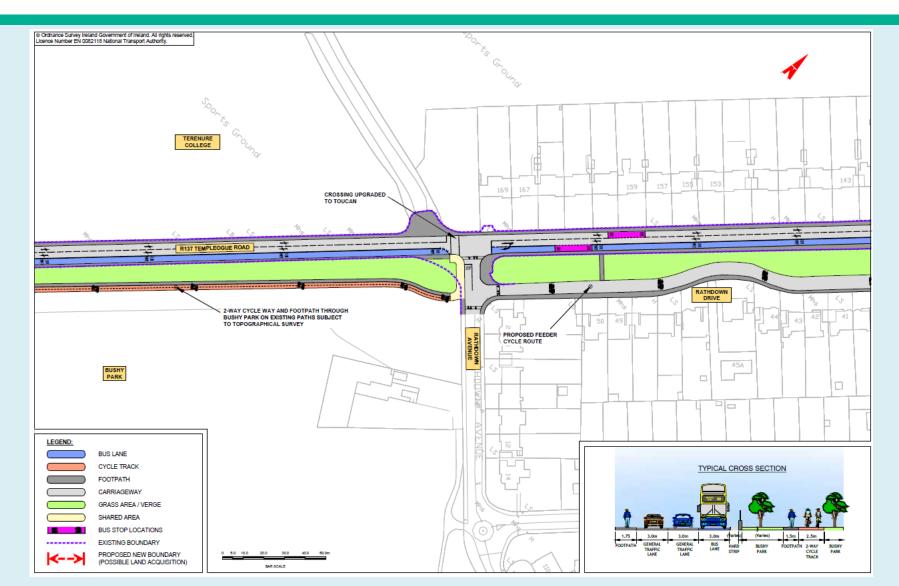
Route Proposals Under Consideration

- 1. Time-plating of inbound Bus Gate
- 2. Traffic Management through the restriction of certain movements
- 3. Alignment of cycle facilities at Rathdown Drive

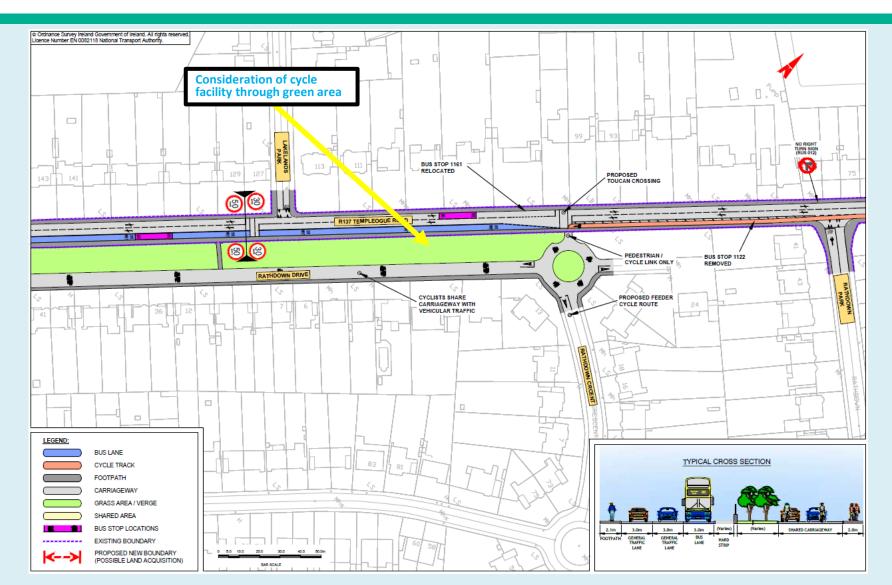




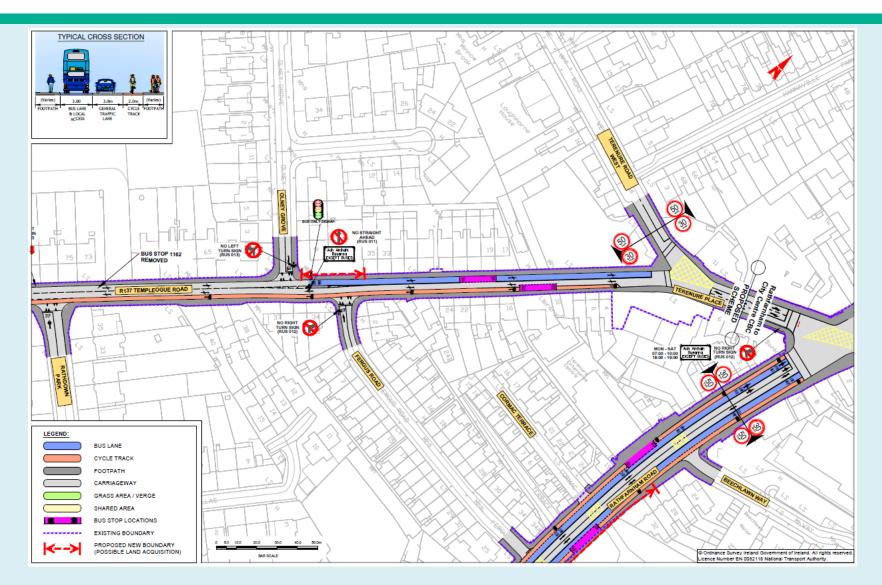












Bus Gate Example



Example in Cambridge



Indication of Designs Under Consideration



TRANSFORMING CITY BUS SERVICES

1. Time-plating of Bus Gate

2. Traffic Management through the restriction of certain movements

3. Alignment of cycle facilities at Rathdown Drive

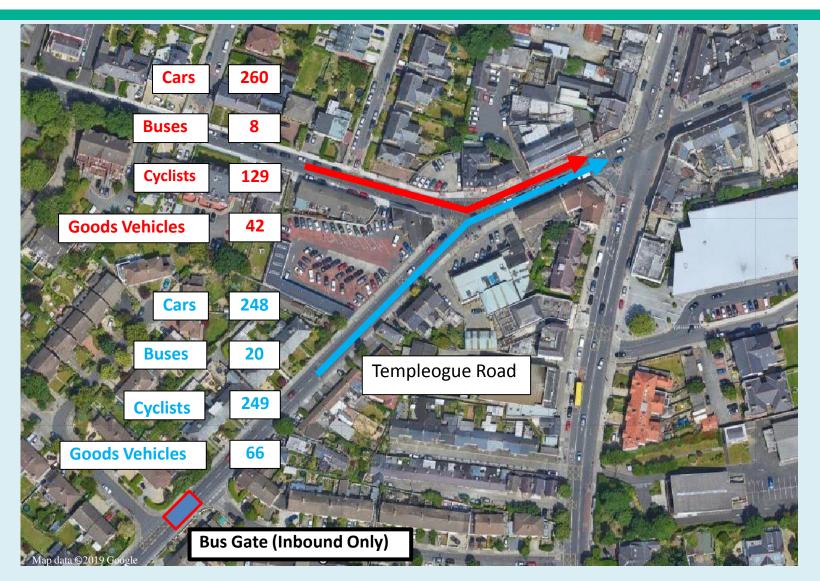
Transport Modelling Work



- A specialist transport analysis team is now in place.
- That team will undertake detailed transport modelling of the impacts of the various traffic changes.
- New traffic counts being undertaken during October / November.
- A computerised transport simulation model has been developed by the NTA to forecast and assess the likely impacts of changes.
- Transport simulation model will be used to identify the likely traffic changes arising from the Tallaght to Terenure proposals – what increase in bus usage is likely to occur and what routes the remaining traffic will use.
- Final design solutions required for all of the corridors to carry out analysis.
- Final designs of adjacent corridors, such as Kimmage and Rathfarnham, are still evolving and are needed to give an accurate representation of eventual traffic patterns.
- A detailed transport report, providing comprehensive traffic information, will be available at a later stage.

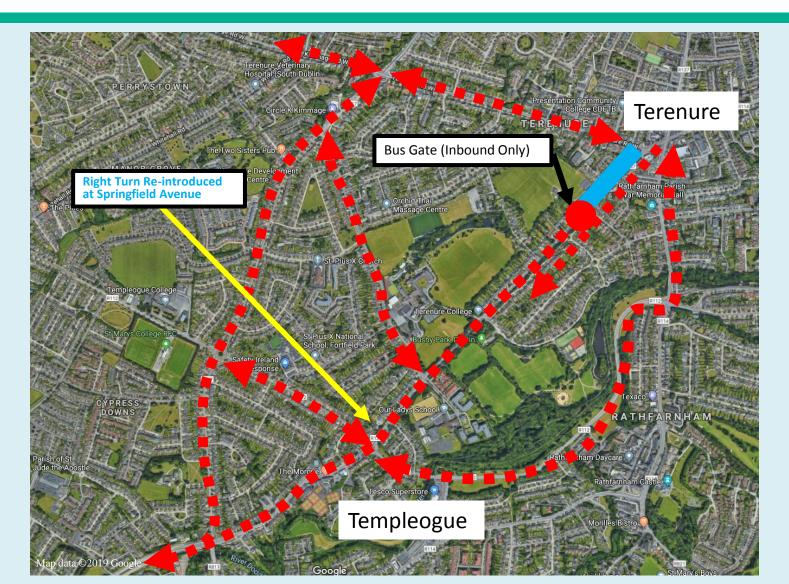
Traffic Movements - Inbound Tuesday 30th May 2017 8.00am to 9.00am





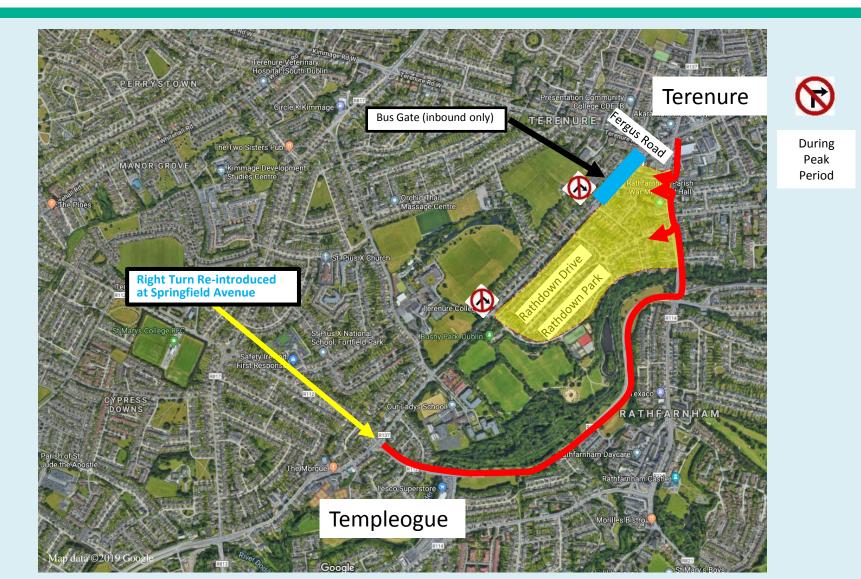
Potential Alternative Traffic Routes





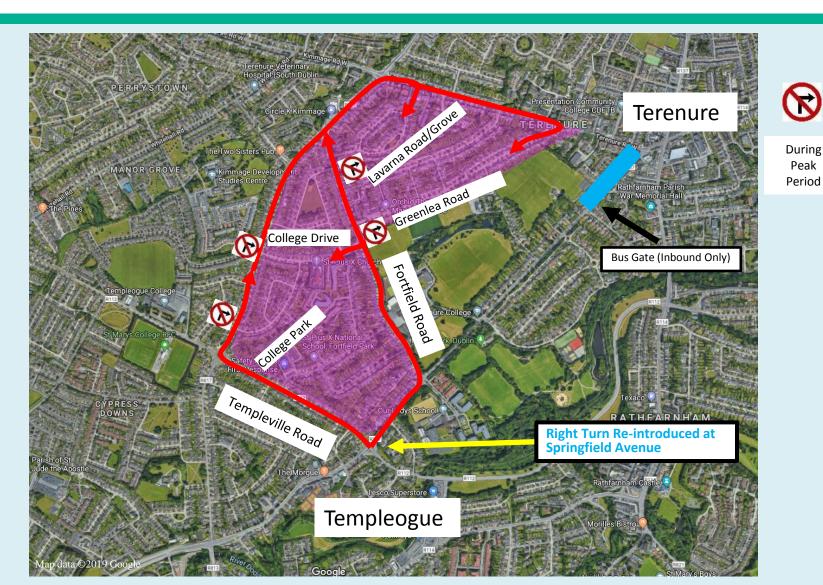
Indication at Measures under Consideration





Indication of Measures under Consideration





Indication of Measures under Consideration

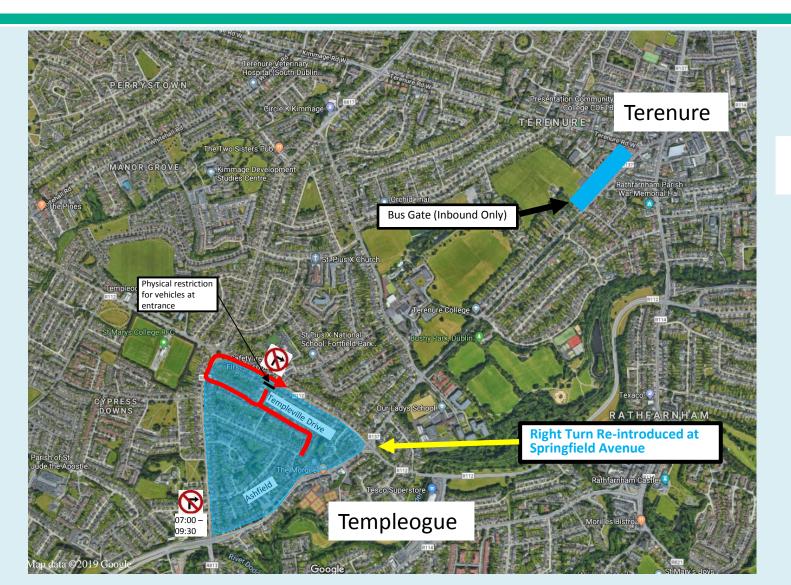


TRANSFORMING CITY BUS SERVICES

N

During

Peak Period



BUS CONNECTS

TRANSFORMING CITY BUS SERVICES



Discussion