

DUNDRUM ABTA

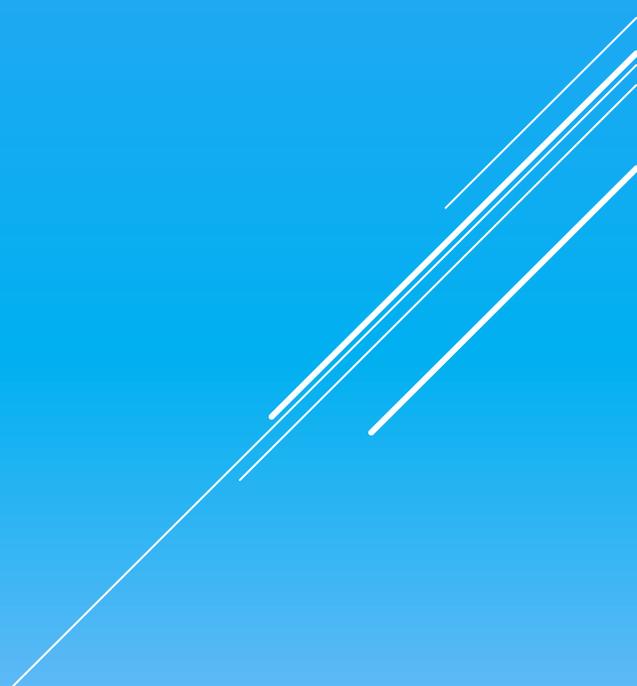
AREA BASED TRANSPORT ASSESSMENT



SYSTRA

North Dundrum

Dundrum Road & Environs



DUNDRUM ROAD & ENVIRONS

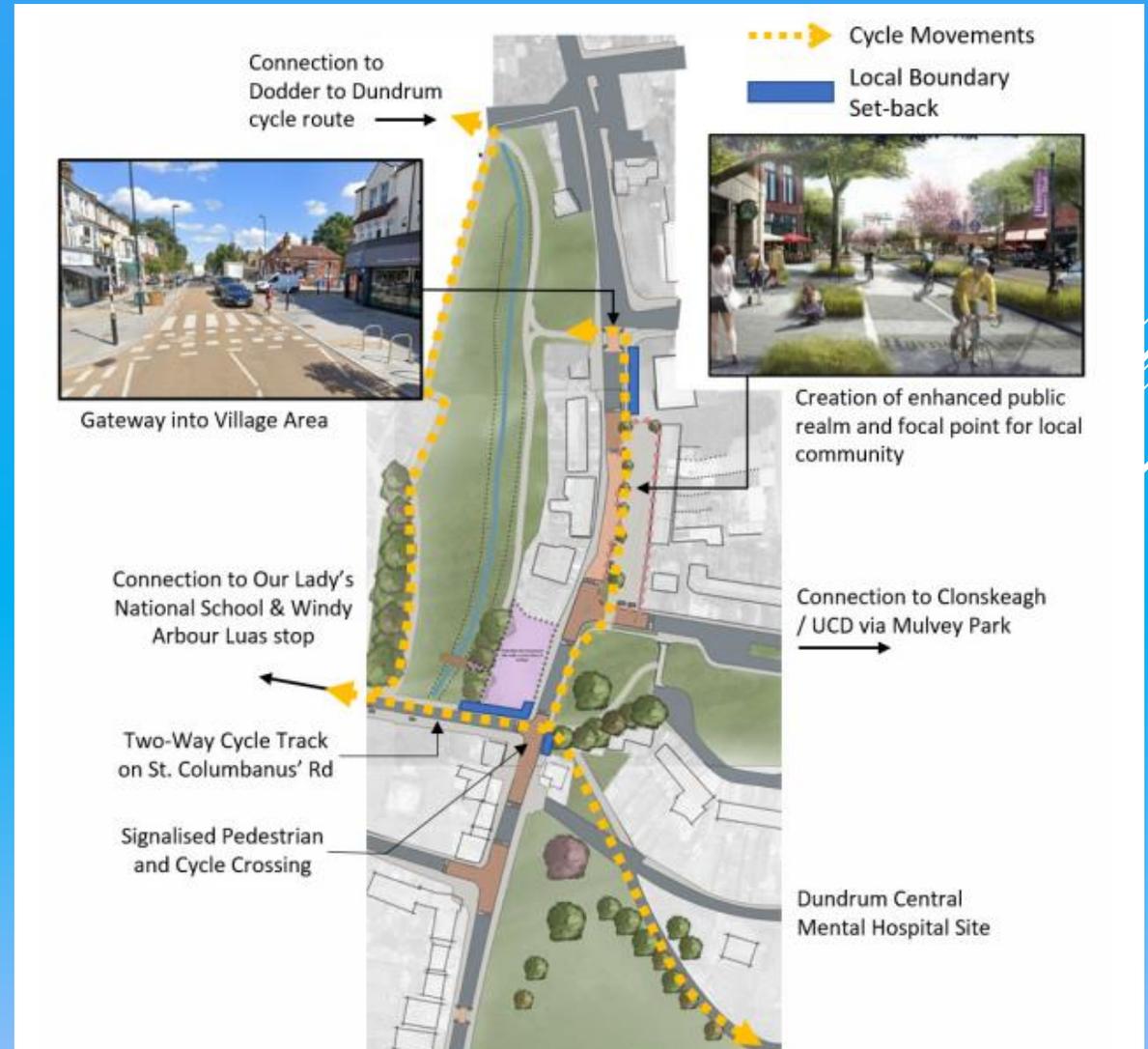
- > TRAFFIC DOMINATED NATURE OF THE ROAD
- > POOR PEDESTRIAN & CYCLING ENVIRONMENT
- > POOR SENSE OF PLACE FOR THE LOCAL COMMUNITY

SIGNIFICANT NEW RESIDENTIAL DEVELOPMENT



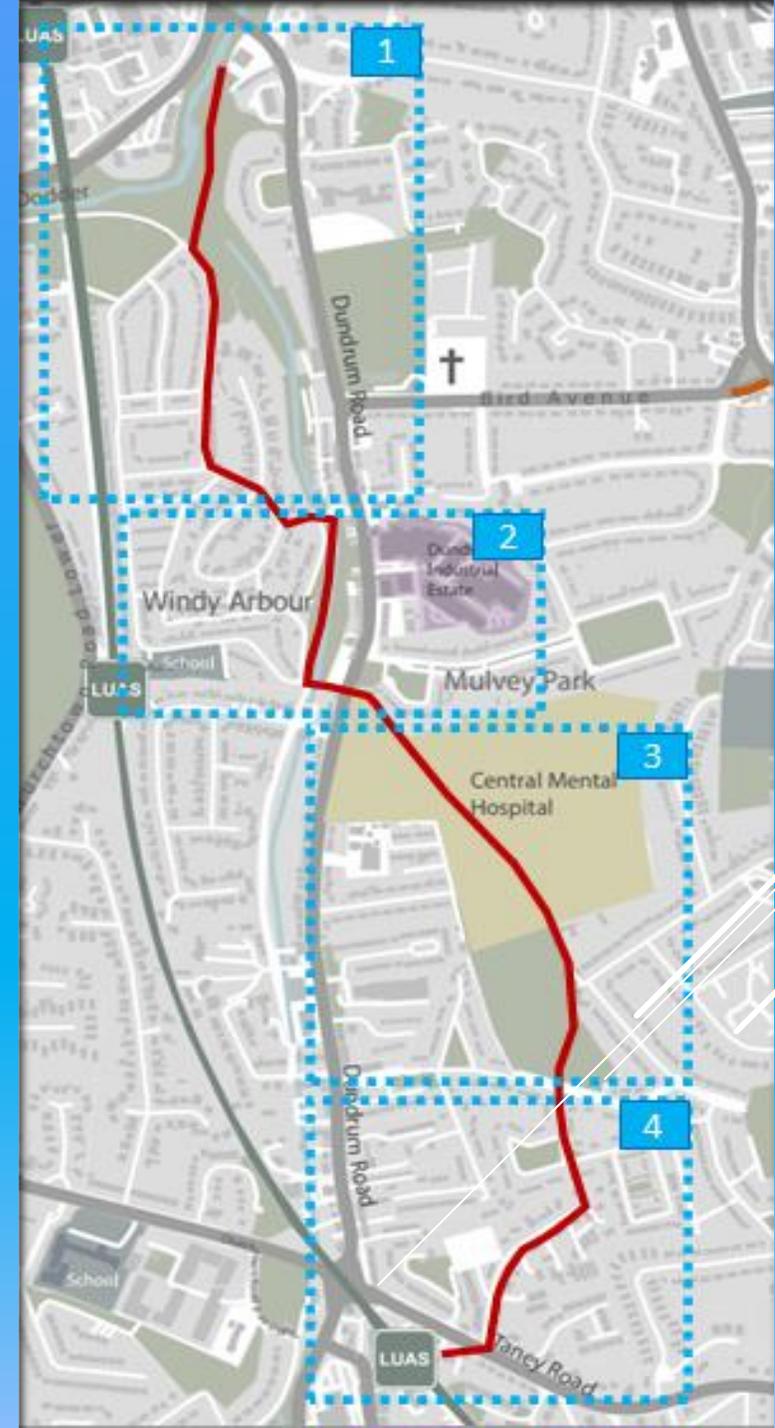
Focus on Traffic Calming & Public Realm Improvements

- ▶ Transition to a neighbourhood with improved environments for walking and cycling
- ▶ Slow down traffic and make it safer and more convenient to walk or cycle to access local shops and services



Dodder To Dundrum Cycle Route

- > New Cycle Route Parallel to Dundrum Road
- > Connecting the Dodder Greenway to Dundrum
- > Using Existing Green Areas and Quiet Streets





TANEY CROSS

- **Heavy Traffic**
- **Poor Environment for Walking and Cycling**
- **No Provision for Bus Priority**
- **Poor Entrance to the Town**



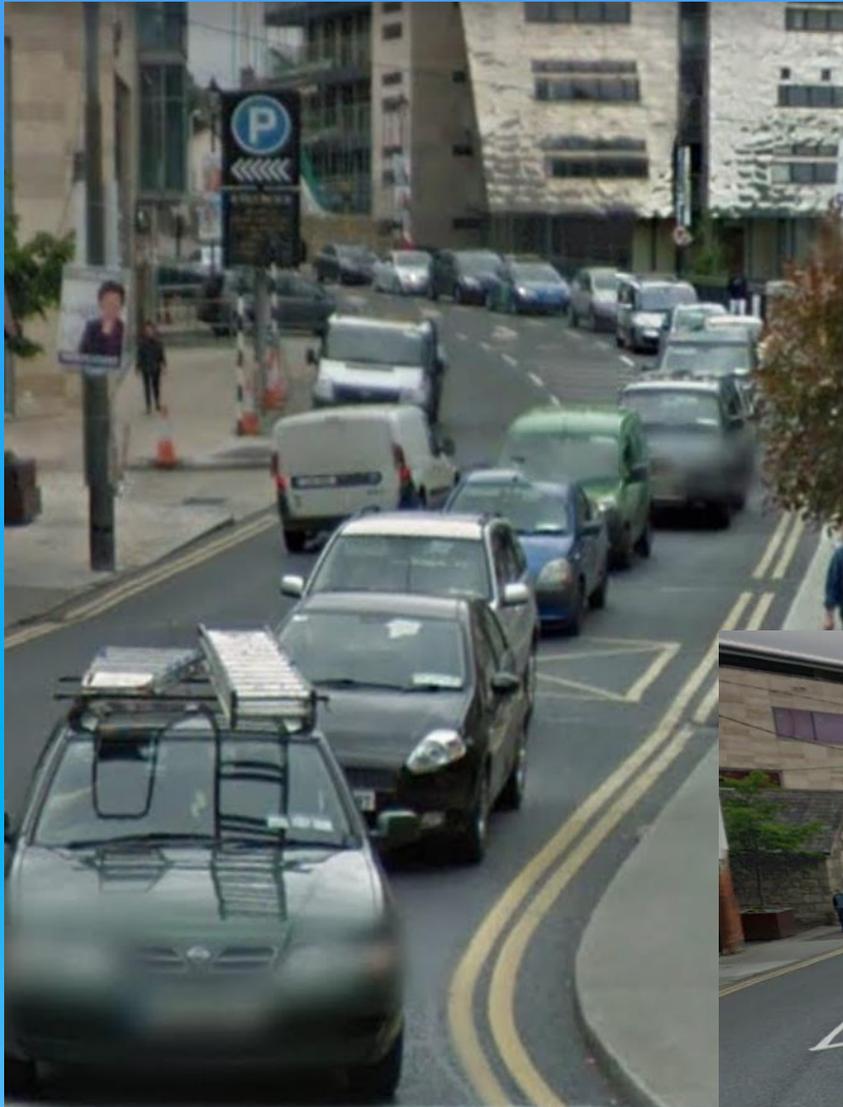
Taney Cross & Environs

- > Upgrade Taney Cross to a Protected Junction
- > Remove Buses from Waldemar Terrace Area and Relocate & Provide additional Bus Stands & Stops on Periphery
- > Implement Bus Gate connection to Churchtown Rd Upper
- > Develop Mobility Hub to improve interchange between all modes
- > Upgrade Cycle Facilities
- > Retain Existing Northbound One-Way Traffic Layout & Extend out to Bypass



DUNDRUM CROSS

- **Heavy Traffic & Poor Environment for Walking & Cycling with no provision for bus priority**
- **High Amount of Through Traffic currently using Dundrum Cross – when alternative routes are available**
- **Poor Town Centre Environment**





Dundrum Cross Improvements with focus on Traffic Calming & Improving Conditions for Walking, Cycling & Public Transport

- > Retain the Existing One Way Traffic Layout and Cycle Facilities
- > Support the DLR Connector Cycle Scheme – Includes option for a Bus Gate on Ballinteer Road – Allowing Safer Conditions for Walking & Cycling and Priority for Public Transport

Sandyford Road (within Dundrum MTC)

- > Maintain Two Way Traffic as per existing arrangements
- > Safe School / Pedestrian Crossing area adjacent to Dom Marmion car Park
- > Traffic Calming
- > Two Way Segregated Cycle Track on approach to Junction with Overend Ave.
- > Upgrade Cycle Facilities on Overend Ave



Sydenham Road

> Route to School for Children but walking and cycling environments area poor

> One way Traffic Layout – southbound & Two way Cycle lane

> Improved Pedestrian & Cycle Conditions especially for School Children

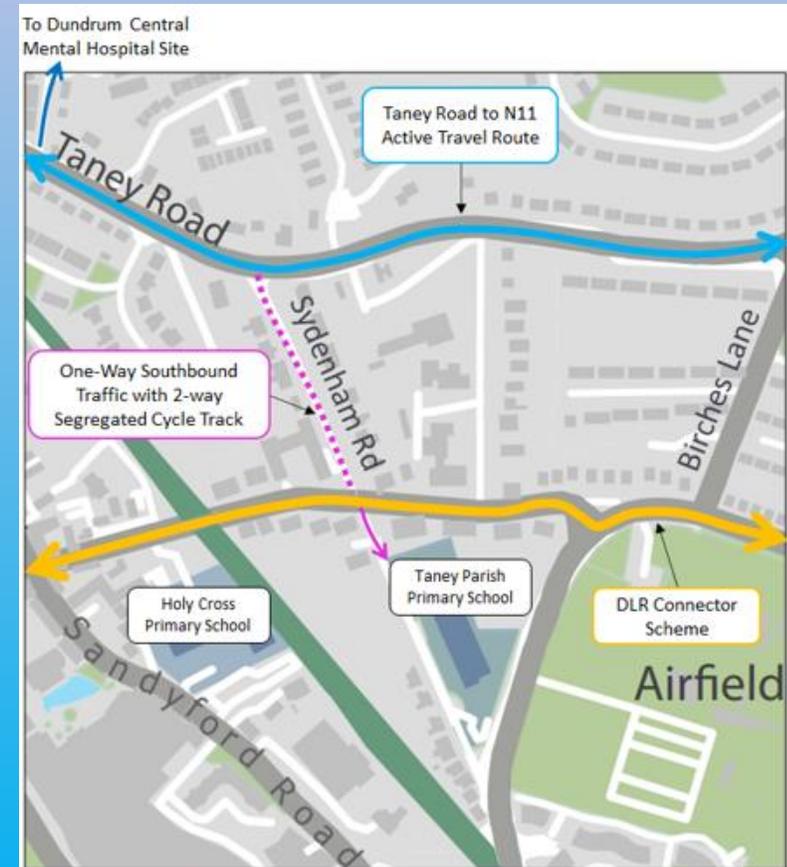
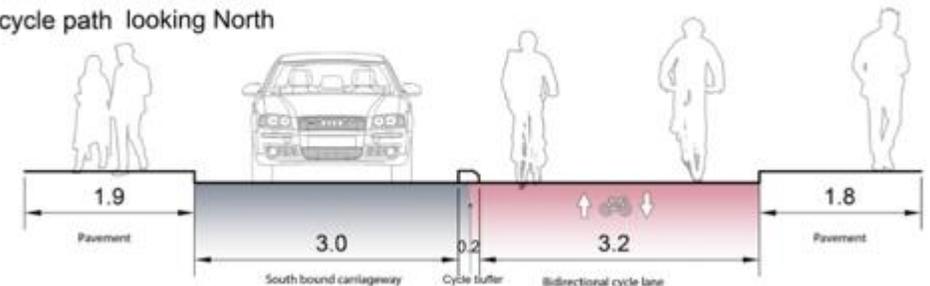


Figure 6.5 Sydenham Road Recommended Measures

Sydenham Road - One-way southbound traffic with bidirectional cycle path looking North



Dundrum Bypass

Address Severance & Improve Links to Dundrum

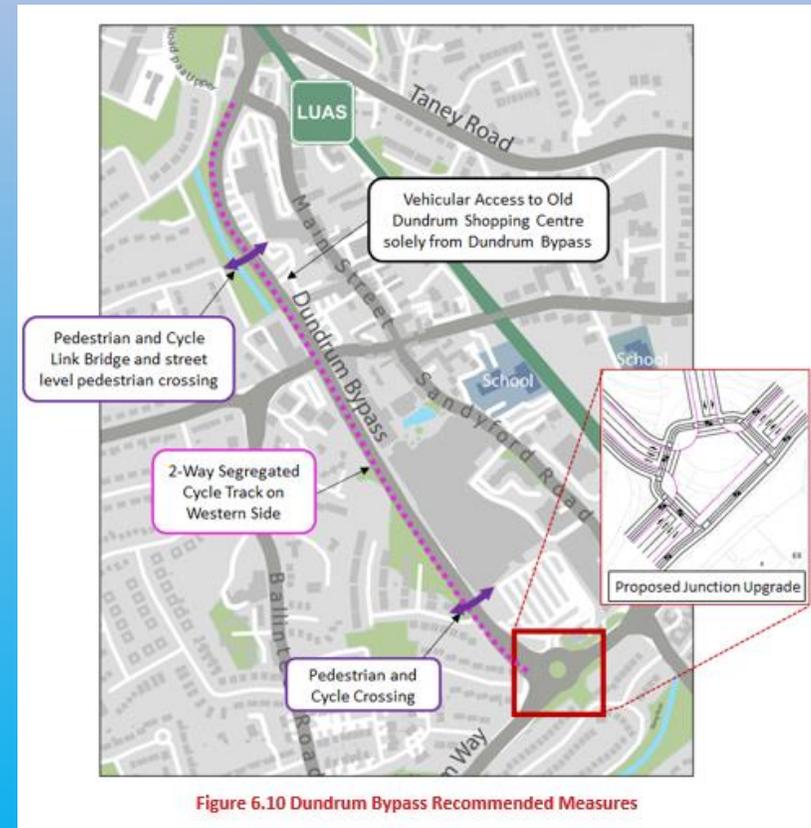


Figure 6.10 Dundrum Bypass Recommended Measures

Provide Safer Cycling Facilities

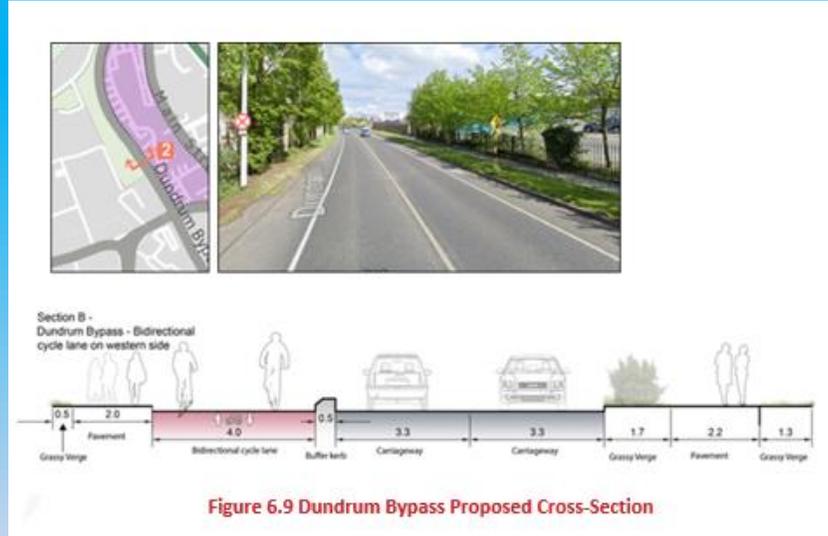


Figure 6.9 Dundrum Bypass Proposed Cross-Section



Wyckham Way -

Existing Junctions / Roundabouts are poor environments for walking or cycling

Can be barriers to Active Travel

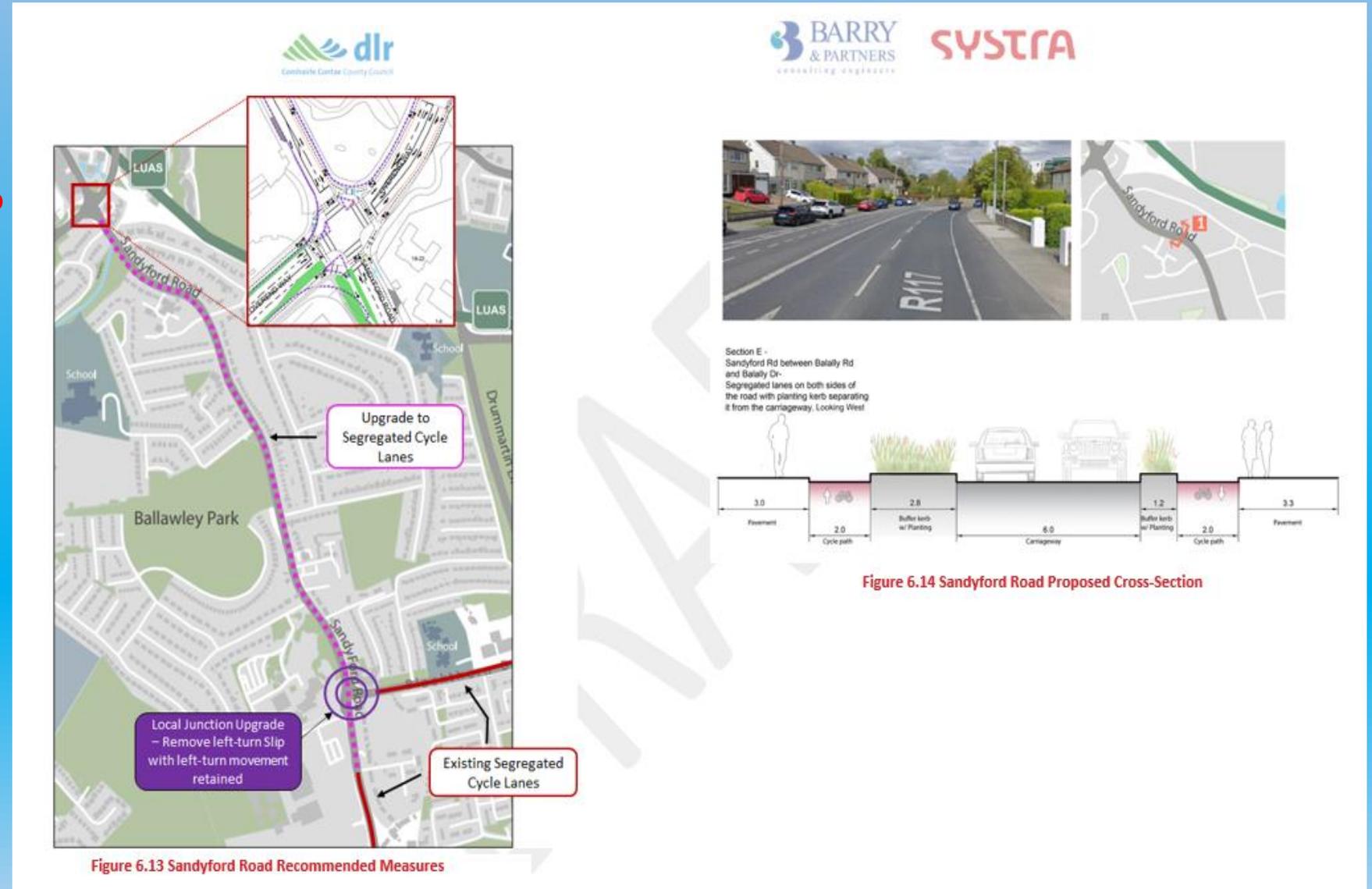
- **Upgrade of existing Roundabouts / Junctions to Protected Signalled Junctions**
 - Safer Active Travel Environments
 - Potential to Allow Bus Priority and Better Traffic Management
- **Upgrade of Cycle facilities to provide two – way segregated cycle facilities along both sides of the full route**



Figure 6.11 Dundrum ABTA Recommended Junction Upgrades

Sandyford Road

- > Upgrade of Cycle Facilities to Segregated Cycle Tracks
- > Junction Upgrades at:
 - >> Overend Ave – Wyckham Way
 - >> Blackthorn Drive



Full Report of Area Based Transport Assessment (ABTA) is available online with the Draft Local Area Plan.

Section 6 of the main ABTA Report sets out full details of all the Transport & Mobility Recommendations arising out of the Transport Assessment

