



Greentrees Road and Templeville Road Protected Cycle Lane Scheme

NTA Cycling Design Office

Progress Update

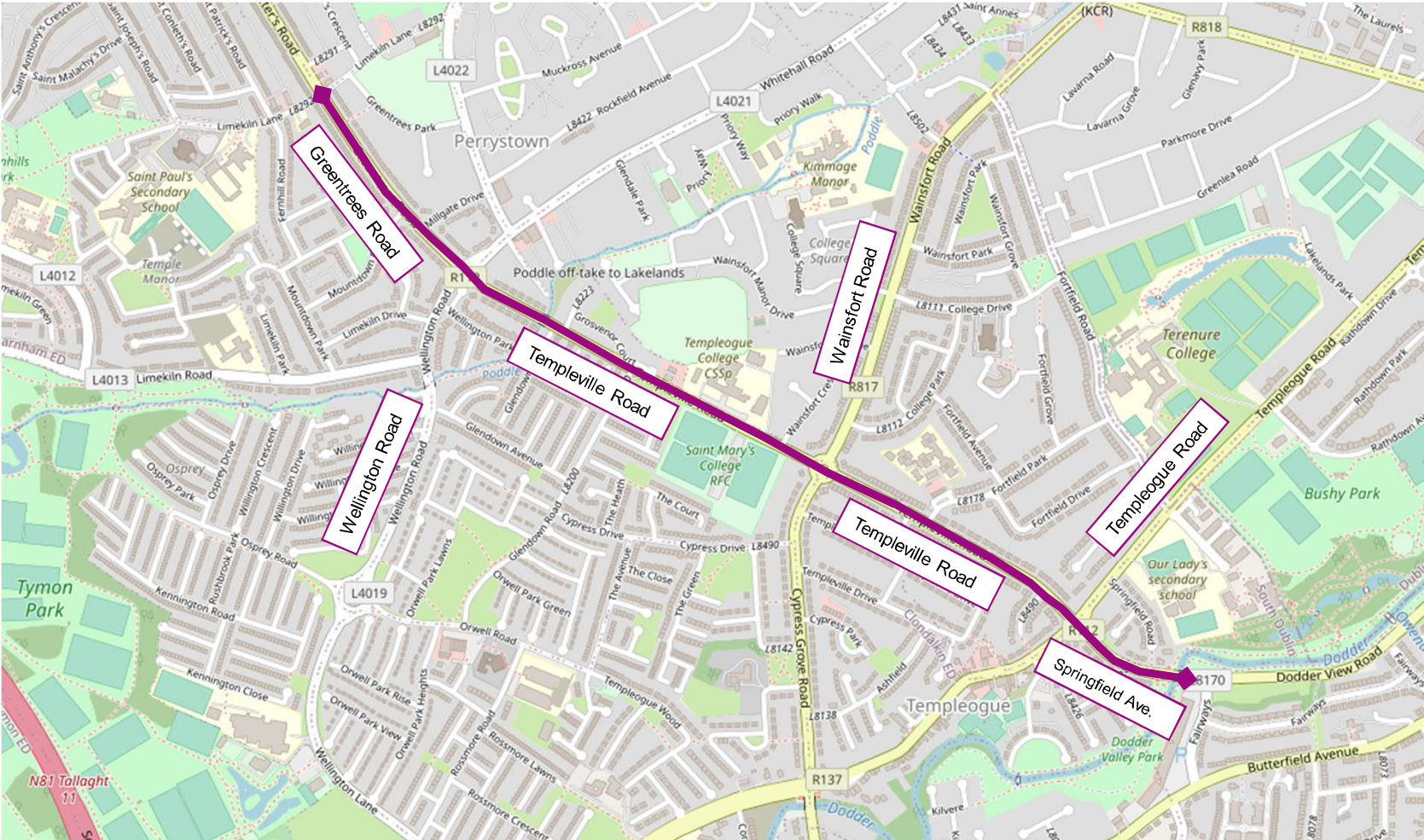
10/05/2021

Design Changes

- CDO has reviewed alternative segregation options (rubber separation kerbs, bollards, etc.)
- Extruded kerb replaced by light segregation (flexi-bollards). Display drawings and photomontage revised accordingly
- Traffic lane widths reduced to 3.0m
- Dodder Bridge included within scheme extents
- Wainsfort Road Roundabout – options developed



Scheme Extents



2.4km route

Greentrees Road,
Templeville Road,
Springfield Avenue

Existing & Proposed Cross Section – Templeville Road

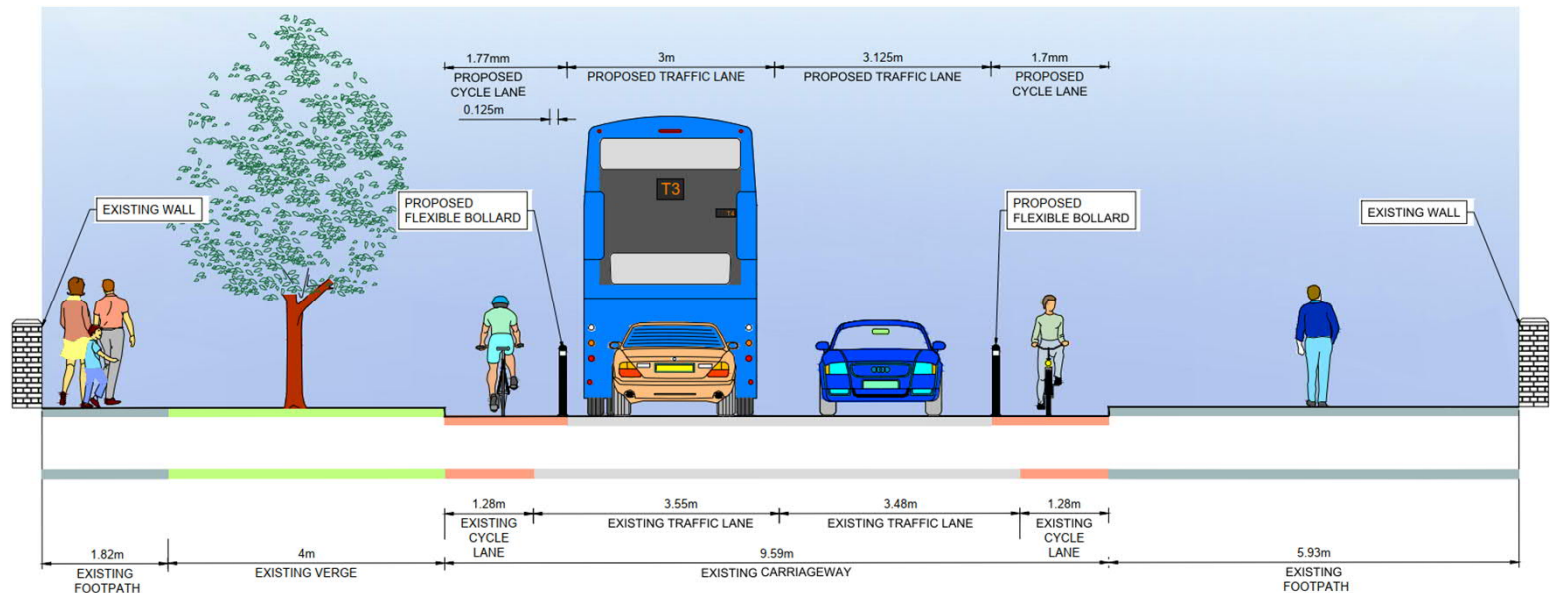
Existing

- 9.6m wide carriageway
- Advisory cycle lanes (c. 1.3m wide)
- Grass verges and driveways

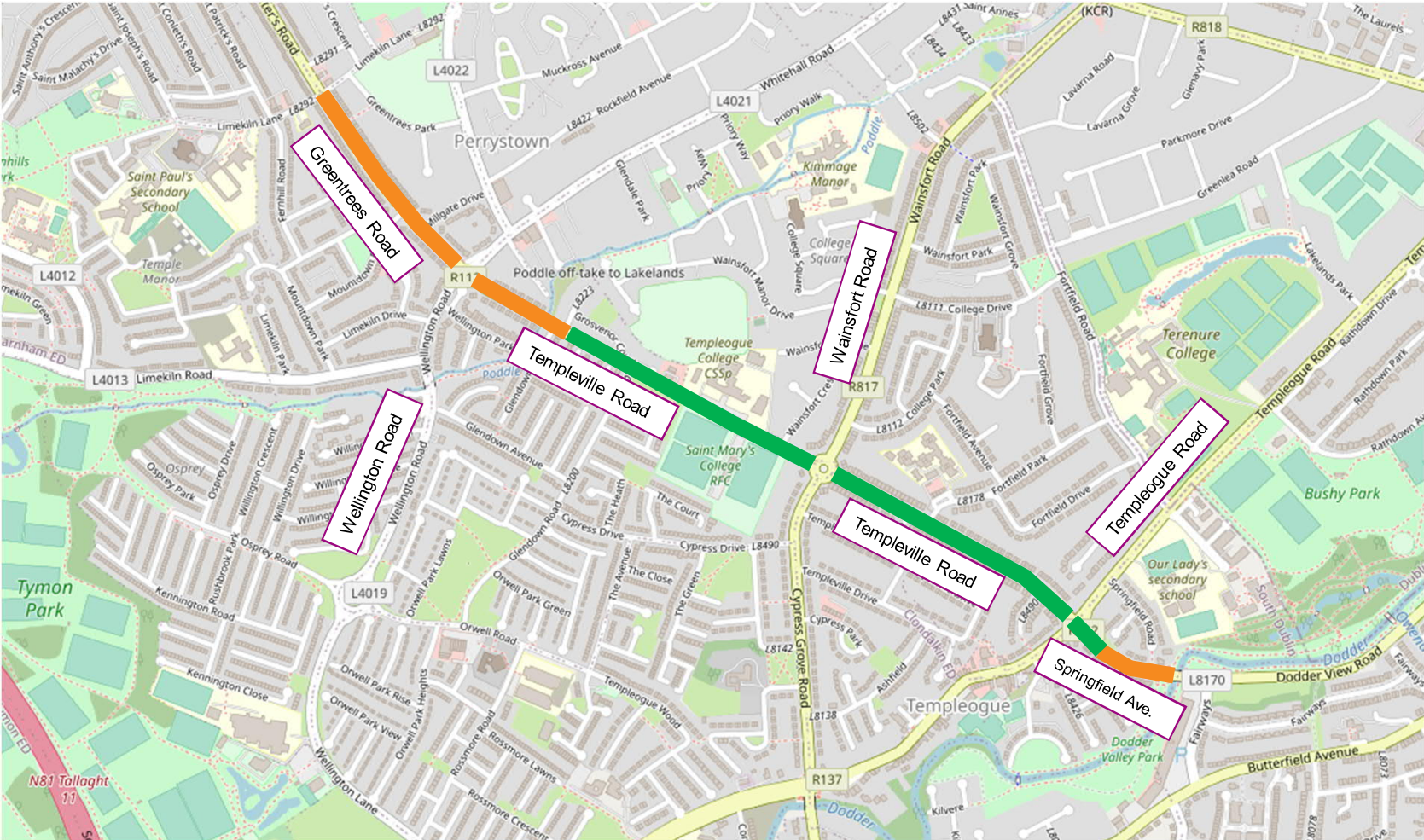


Proposed

- 1.7m wide segregated cycle lanes
- 6.0m for general traffic



Proposed Cycle Lane Widths



Proposed Cycle Lane Widths

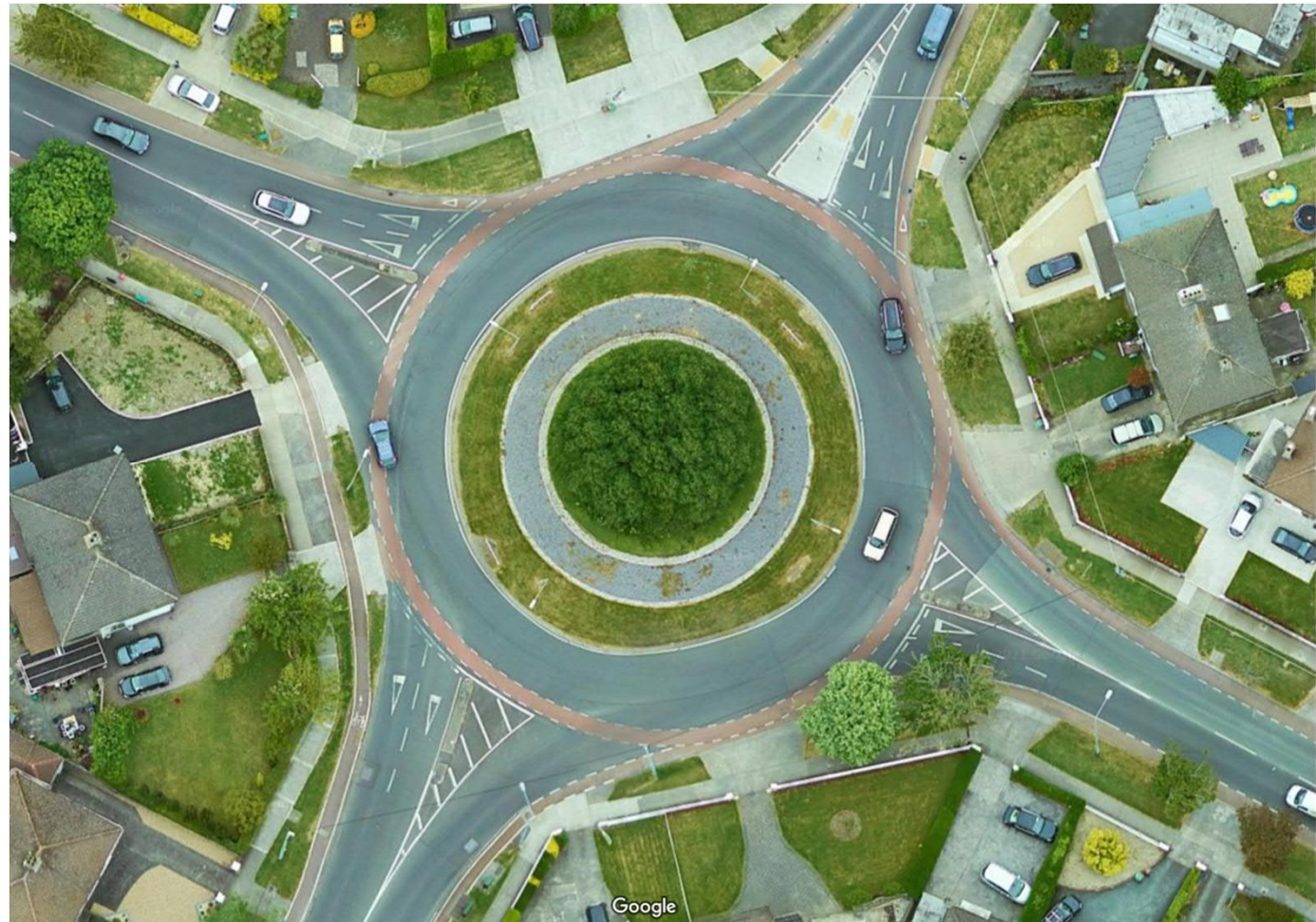
- 1.5m
- >1.5m



Wainsfort Road / Cypress Grove Road Roundabout

Existing Layout

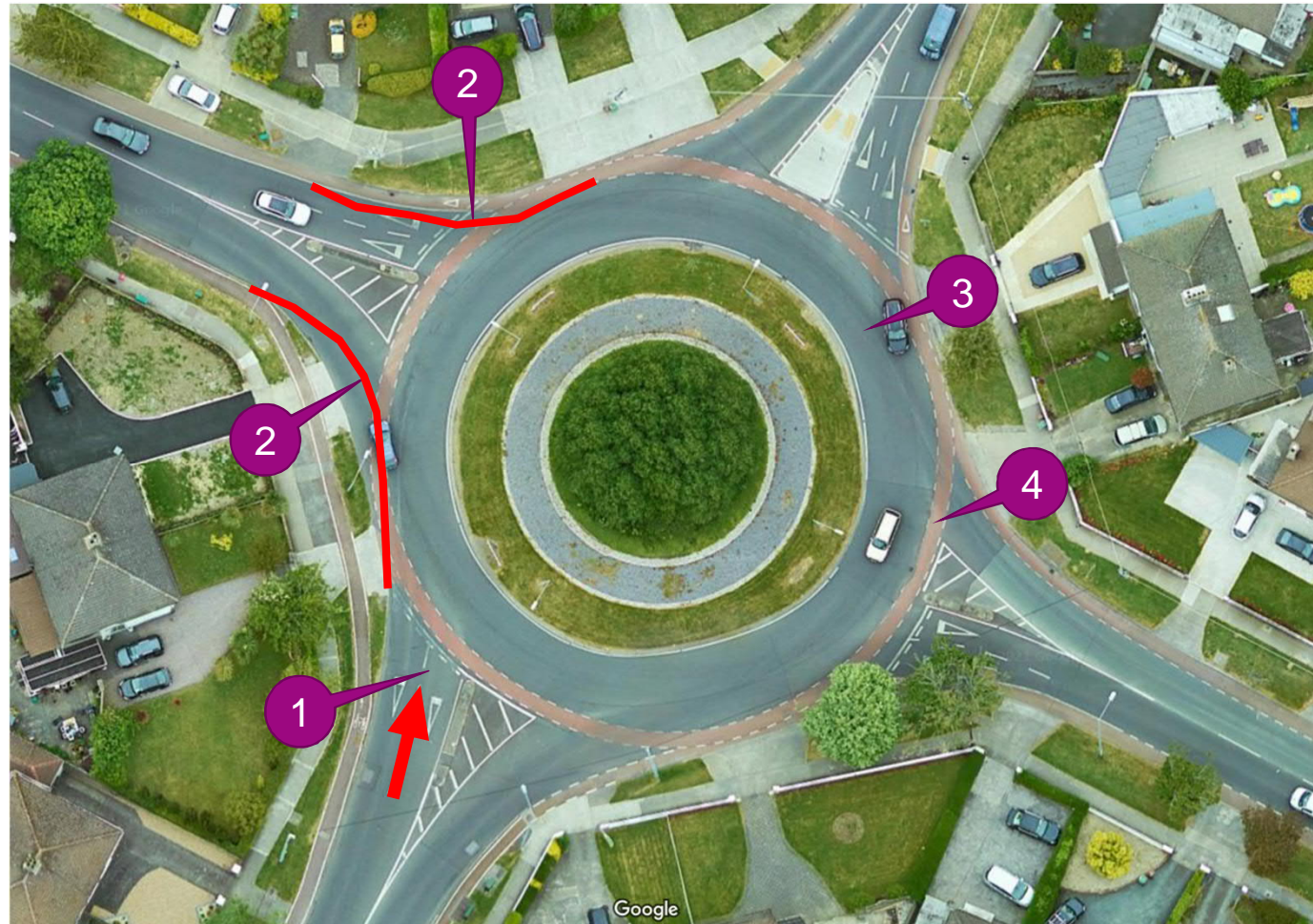
1. Two-lane entry
2. Large entry/exit radii
3. Wide circulatory carriageway
4. Circulating advisory cycle lane
5. No controlled pedestrian crossings
6. Uncontrolled pedestrian crossing on Wainsfort Road arm only
7. Driveway access on circulatory carriageway



Wainsfort Road / Cypress Grove Road Roundabout

Option 1: Do Minimum (speed reduction measures)

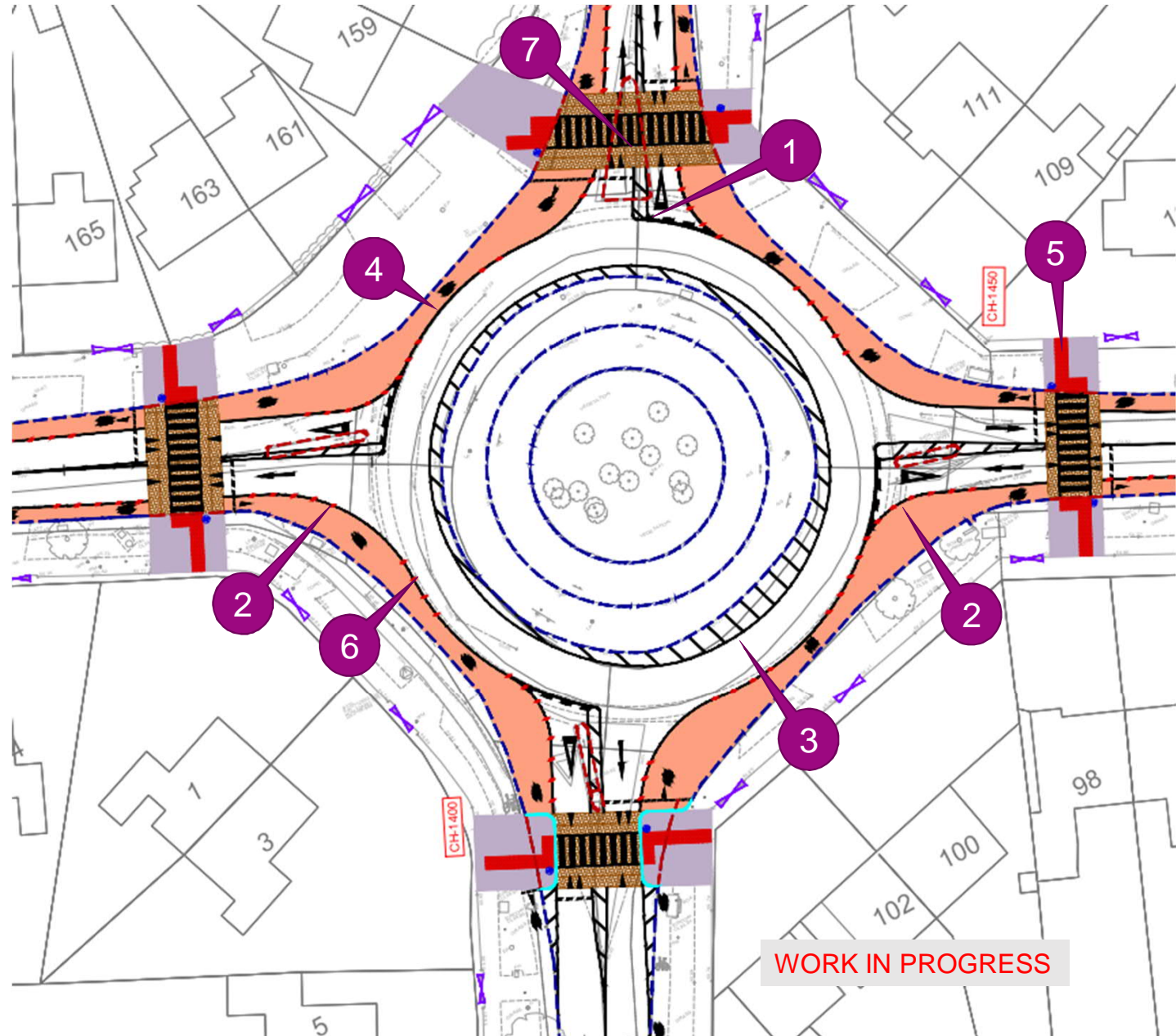
1. Reduce approaches to single-lane entry on all arms
2. Tighten entry/exit radii on all arms
3. Reduced circulatory carriageway width
4. Remove circulating advisory cycle lane
5. Cyclists share circulatory carriageway with traffic
6. No controlled pedestrian crossings



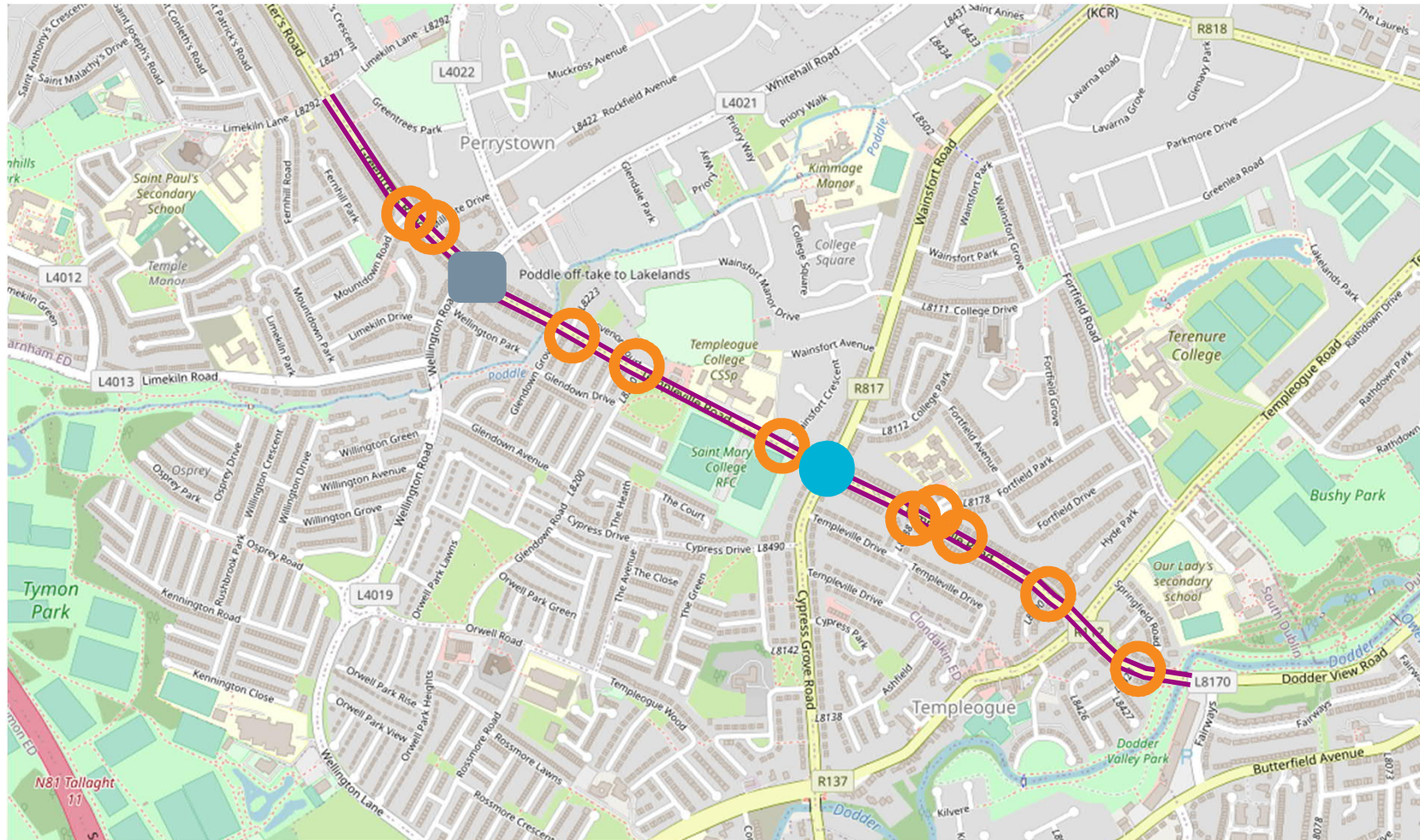
Wainsfort Road / Cypress Grove Road Roundabout

Option 2: Light Segregation

1. Single-lane entry on all arms
2. Reduced entry/exit radii on all arms
3. Reduced circulatory carriageway width
4. Protected cycle lanes (at-grade)
5. Zebra crossings on all arms
6. Bollards to form segregation; gaps maintained at driveways
7. Existing kerbs retained; splitter islands to be removed



Potential Sequencing of Works



- Stage 1:** ○
 - Tighten corner radii at side roads (using bollards & road markings)
 - Install cycle-friendly gullies

- Stage 2:** ═
 - Bollard installation
 - Cycle lane coloured surfacing

- Stage 3:** ●
 - Wainsfort Road Roundabout

- Wellington Road Roundabout** ■
 - Part of Wellington Lane Cycle & Pedestrian Safety Trial