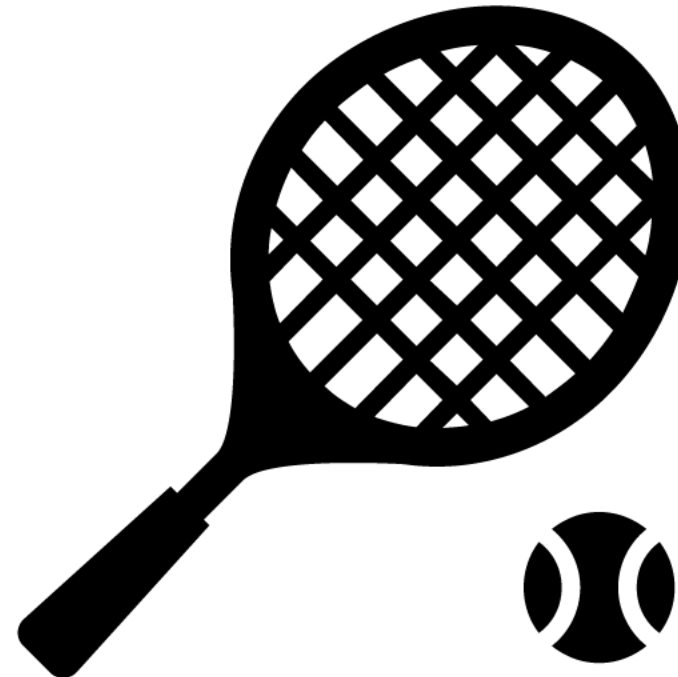


AELTC 2022 Championships – Church Road Closure and ETO

Initial Findings of Review Into Effects with LBM



Study Scope

- Review survey data collected and the performance of measures adopted under the Experimental Traffic Order for the 2022 Championships:
 - Bus diversion performance
 - Pedestrian and cycle flows
 - Traffic flows and performance of the diversions adopted
 - Feedback from stakeholder consultation
- To be dealt with separately:
 - Review of public representations after the ETO expires on 11 December 2022
 - Engagement with LB Merton and TfL
 - Planning application consultation

Experimental Traffic Order Recap on Objectives and Plan

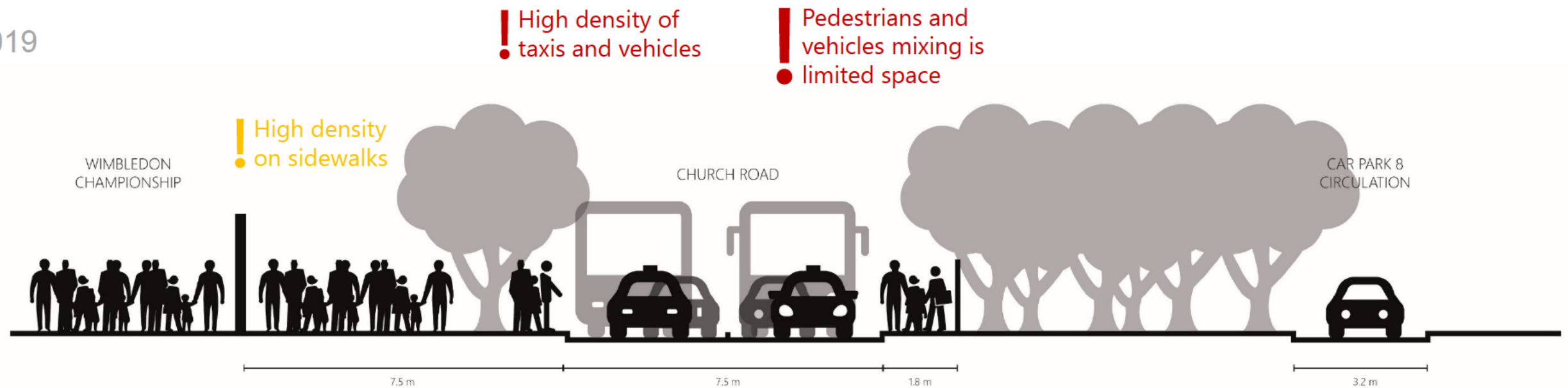
2021/2022 Championships – Experimental Traffic Order Objectives

- Church Road and Somerset Road experience significant footfall with people arriving / departing by foot, but with vehicles accessing the local road network.



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2019



2021/2022 Championships – ETO

Objectives

- Opportunities for **enhancing public safety** are being sought, e.g. by reducing crowding and increasing the standoff distance on each side of the Grounds effectively away from the main gates at peak times.
- The plan is thus intended to make provision **for restricting vehicle access** to these crowded areas during the Championships.
- This will create a safer environment which **mitigates threats** within crowded spaces and is in support of prevailing guidance such as the National Counter Terrorism Security Office (NaCTSO) "Crowded Places Guidance
- In addition, opportunities are being sought to **increase space** available for people arriving or departing to adhere to guidance in relation to **Covid19**. This includes introducing new controls and restrictions on vehicle access on Church Road and Somerset Road.

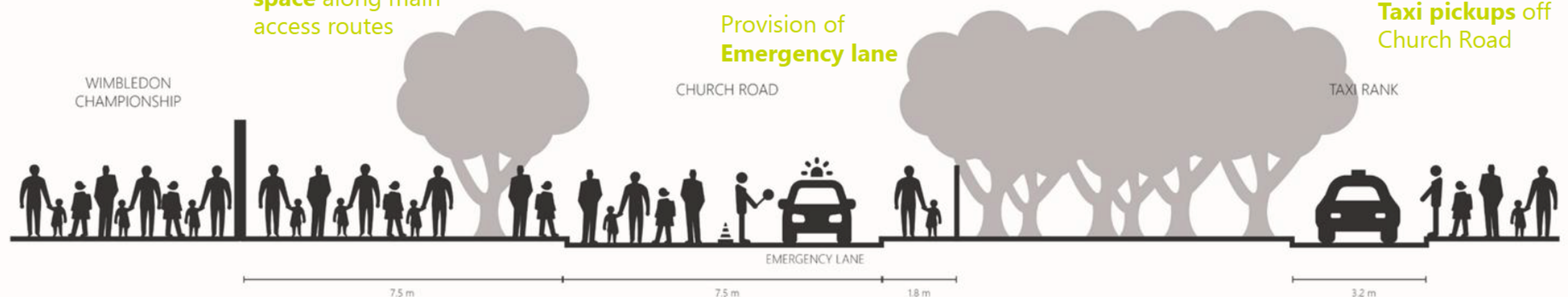
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2021 / 2022

Wider pedestrian space along main access routes

Provision of **Emergency lane**

Taxi pickups off Church Road



2022 Championships

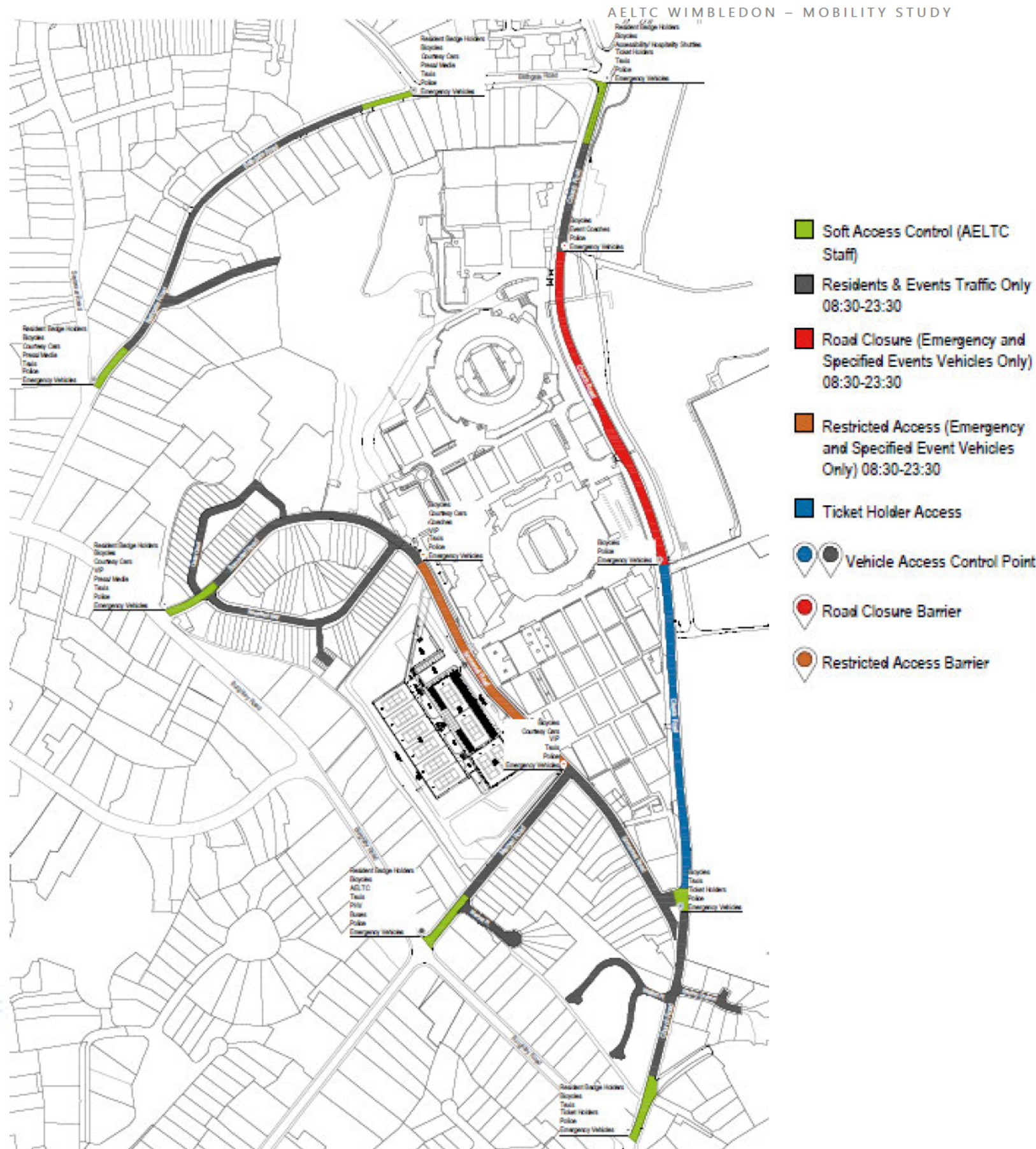
Plan for the 2022 Championships

Road closure to public traffic:

- Church Road between CP8 and CP5
- Somerset Road between Newstead Way and Maryatt Road

Local Access and Event only traffic, except for residents:

- Newstead Way, Maryatt Road, Church Road and Bathgate Road



The AELTC requires to ability for the Order to apply for the time stated, but will adopt a flexible approach to implementation of measures to avoid unnecessary impacts. It is anticipated that the measures would generally be applied from 9:30am to 90 minutes after the end of the last match.

Bus 493 Route Diversion

Bus 493 – 2019 Championships Routing (no diversion)

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Towards Richmond (Northbound)



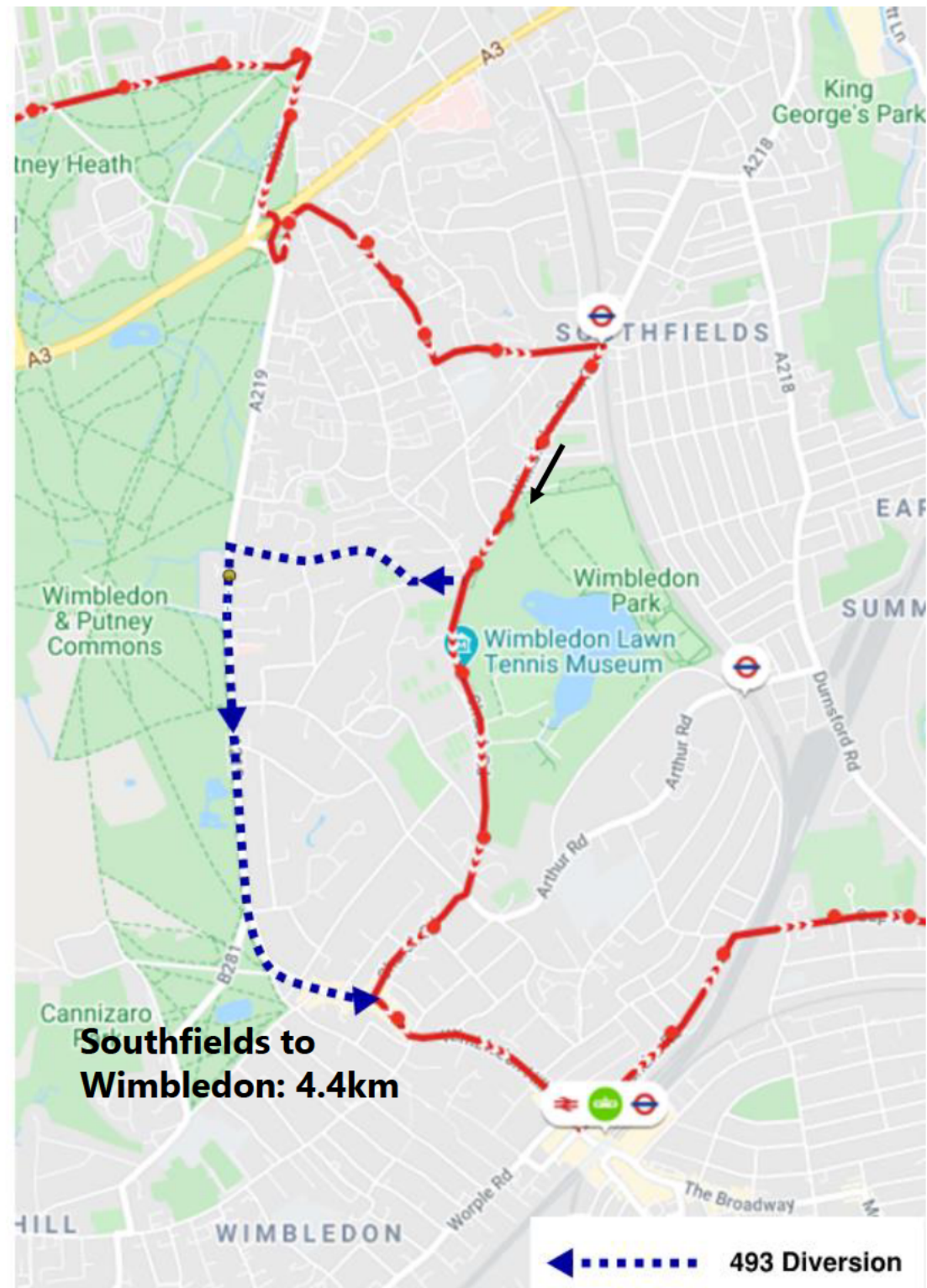
Towards Tooting, St. George's Hospital (Southbound)

Bus 493 – 2022 Championships Diversion

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Towards Richmond (Northbound)



Towards Tooting, St. George's Hospital (Southbound)

Effect of Closure: Buses

Observations

- Buses seemed to flow reasonably well along the diversion route – no negative feedback has been received
- Ridership levels increased from 2022 for non-Championships and Championships.
- Bathgate Road / Church Road junction seemed to work well again despite the island not being removed
- Potential to look at minor adjustments to kerb lines in the future, but this isn't considered essential. TfL have verbally said they are okay with this

Effect of Closure: Pedestrians and Cyclists

Observations

■ Pedestrians

- Hostile Vehicle Mitigation (HVM) barrier at the northern end of Church Road did restrict pedestrian inflows in the arrival period. Regulates flows into ground but potential for a more permeable arrangement
- Conversely HVM barrier helps manage flows onto Wimbledon Park Road during peak departure period by encouraging people to walk on the footways and less conflict with cars

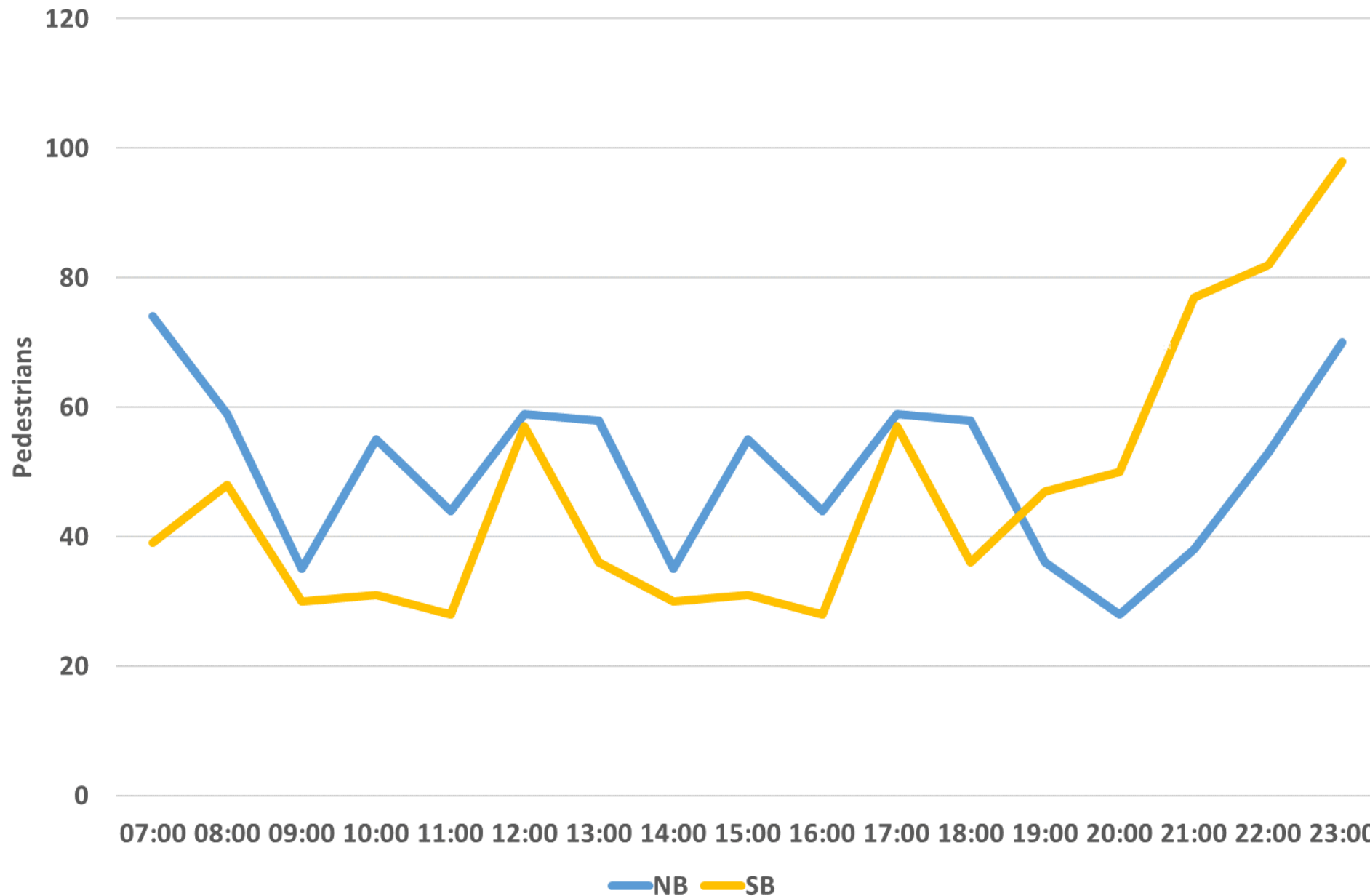
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■ Cyclists

- Cycle parking moved to more prominent position in 2022
- Well used and scope for increasing capacity and enhancing security to continue shift to active travel
- Few cyclists, or pushing of bikes observed on Church Road after the closure
- Bikes being left at the Bathgate Road junction impeding pedestrian flows. Management of dockless hire-bikes need consideration in the future.

Estimated Pedestrian Flows on Church Road (through-flow) 2022 Non-Championships

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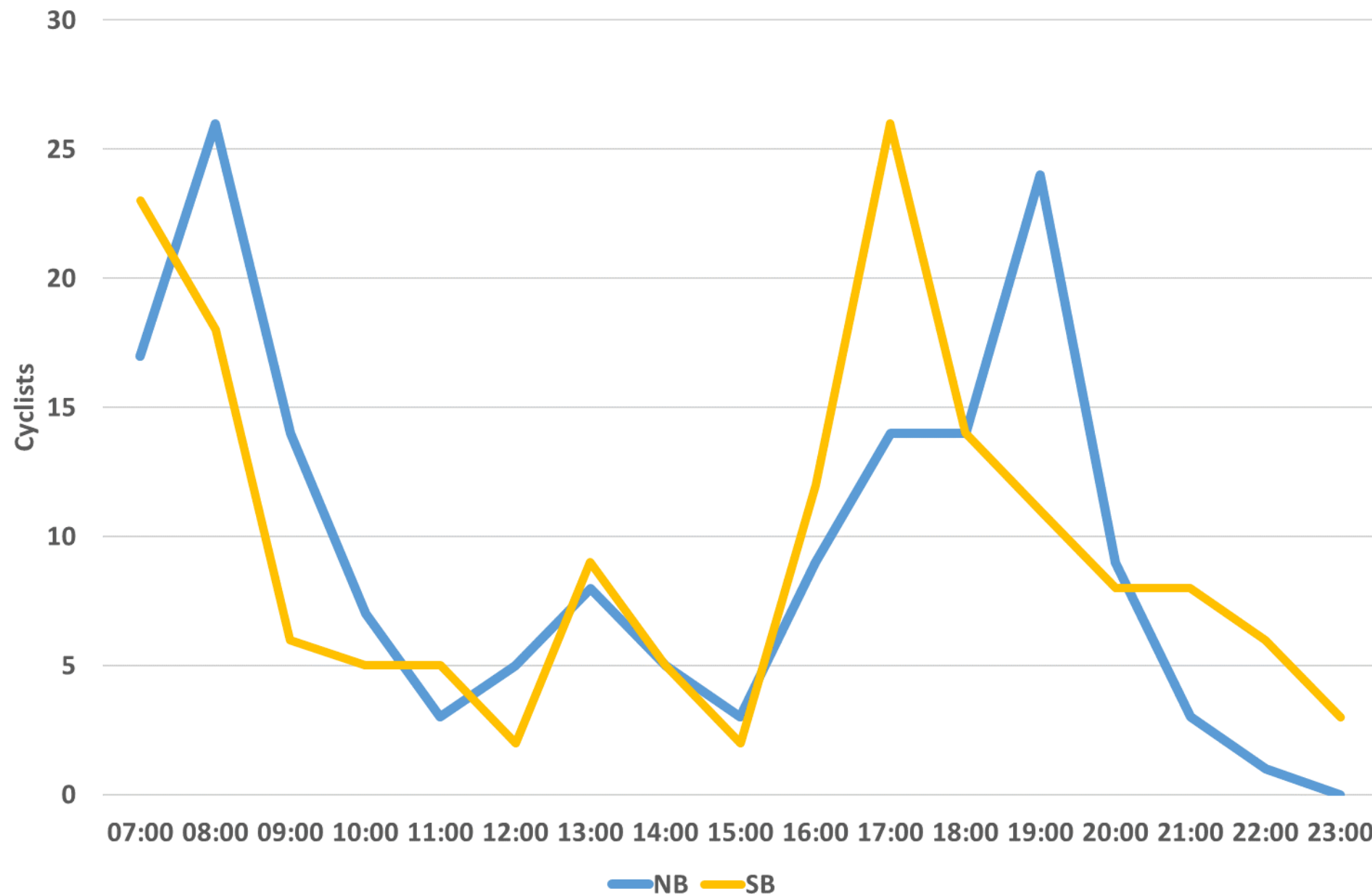


Around 50-60 pedestrians per direction per hour diverted.

Surveys undertaken the week before the 2022 Championships. Worst case data as some flows linked to activity to setting up Championships

Estimated Cycle Flows on Church Road (through-flow) 2022 Non-Championship Week

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Up to 25 cyclists per direction per hour diverted during peak hours

Surveys undertaken the week before the 2022 Championships. Worst case data as some flows linked to activity to setting up Championships

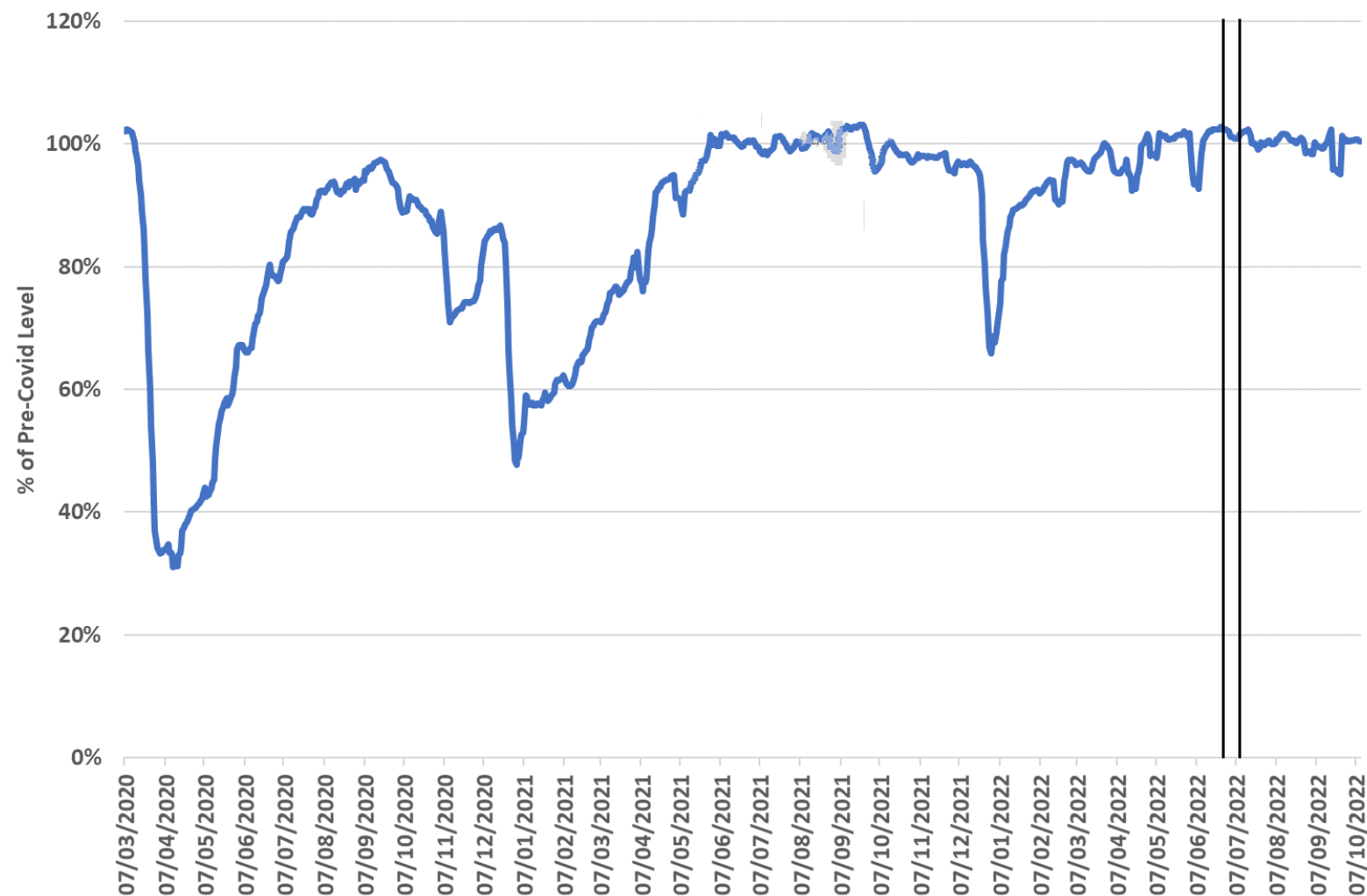
Effect of Closure: Traffic

Observations

- Roads close to AELTC functioned well with relatively low traffic volumes
- Some challenges around the Church Road / Bathgate Road junction in the period after closure was put in place. Signage improved from last year, but some marshalling required. Marshalling buses caused some small delay
- Parkside, Augustus Road, Replingham Road, Durnsford Road seemed busier, but still flowed
- LBW contacted AELTC to note busy conditions on Durnsford Road, but this was before closure was in place – potentially people diverting in anticipation of the closure
- Taxis operated without issues
- Private Hire on close to the Church Road / Bathgate Road / Wimbledon Park Road junction ignored instructions from marshals in the first few days, dropping off and disrupting flows.
 - Situation improved after about day 3

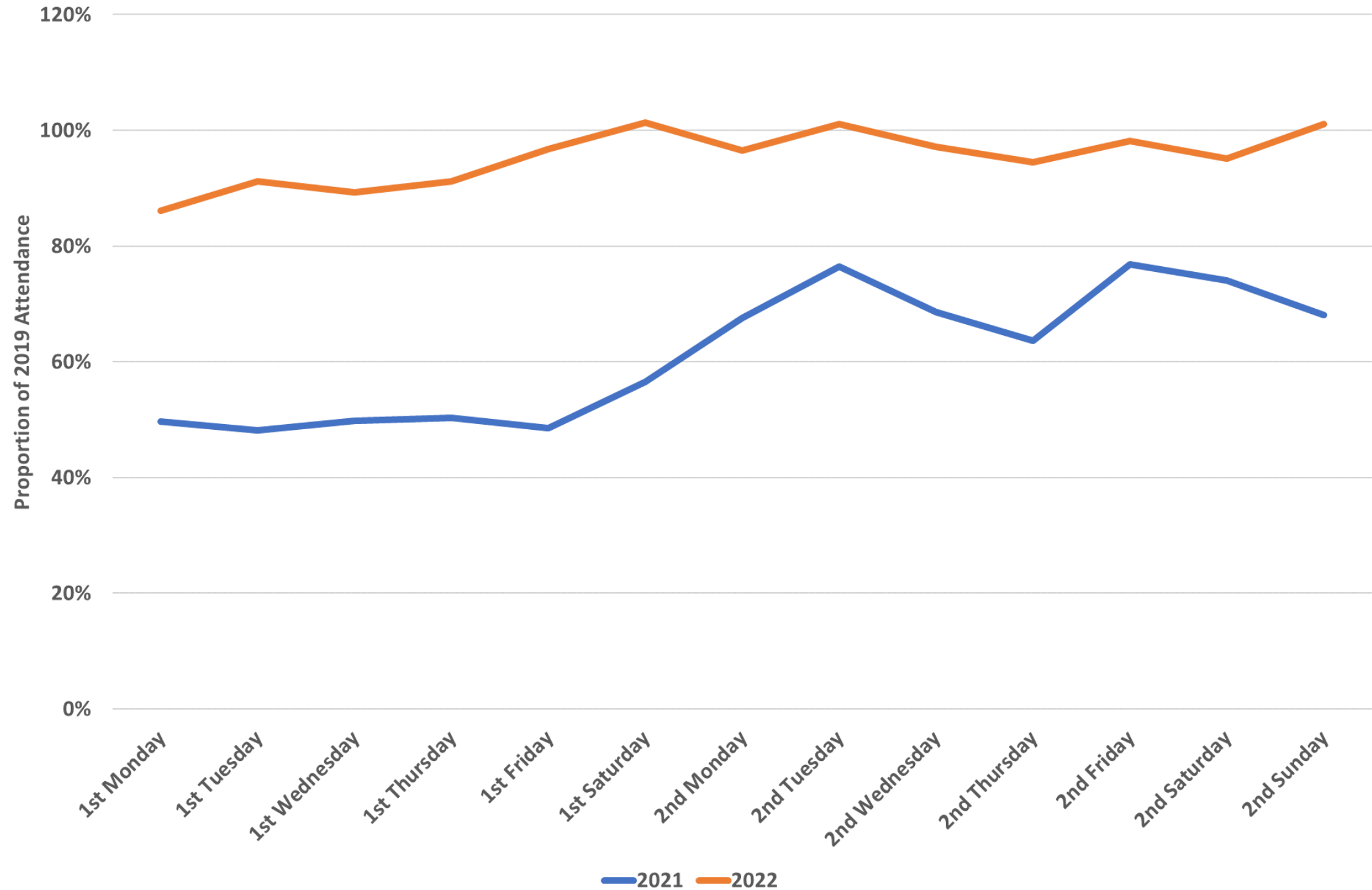
Estimated Covid-19 impact on traffic data

- The data shows that during the 2022 Championships period, average daily traffic in the country was at pre-Covid conditions.



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Total Attendance as a Proportion of 2019



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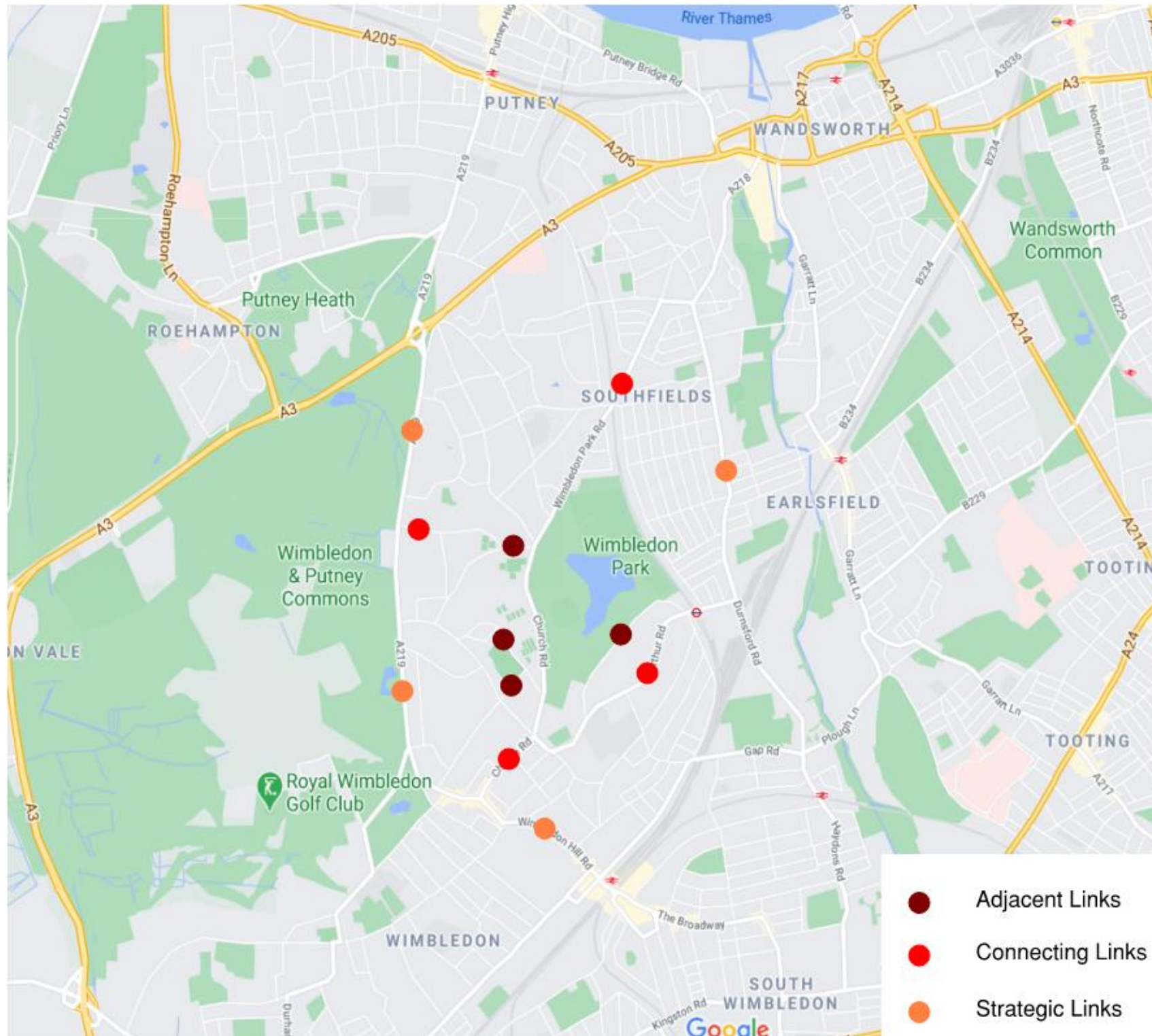
Estimated impact of attendance on traffic data

- Covid-19 restrictions resulted in a lower spectator capacity during 2021 Championships compared to 2019;
- No restrictions in place during the 2022 Championships
- 2019 trip generation data compared to surveyed 2022 data collected on Tuesday 28th June 2022;
- Traffic generated during the peak arrival period for The Championships (11:00-12:00) considered the most reliable indicator of the impact of a lower spectator capacity;
- **2022 generated approximately 95% of 2019 Championships related traffic during the peak arrival period; this compared to 70% during the 2021 Championships.**

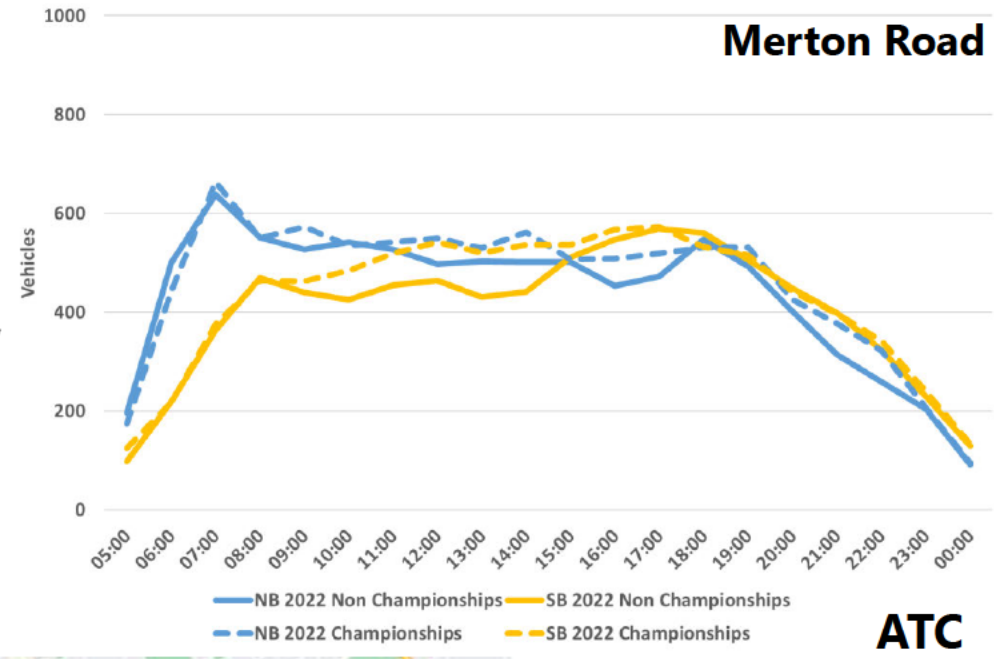
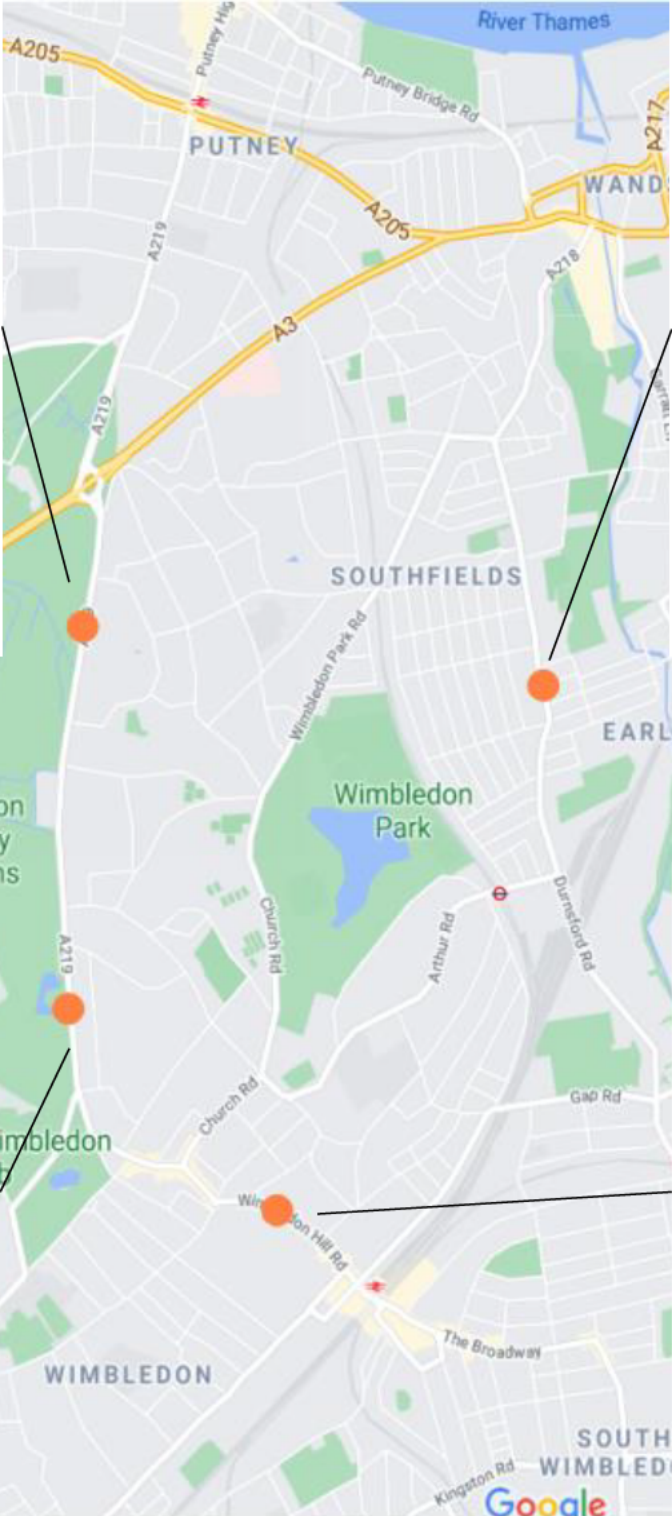
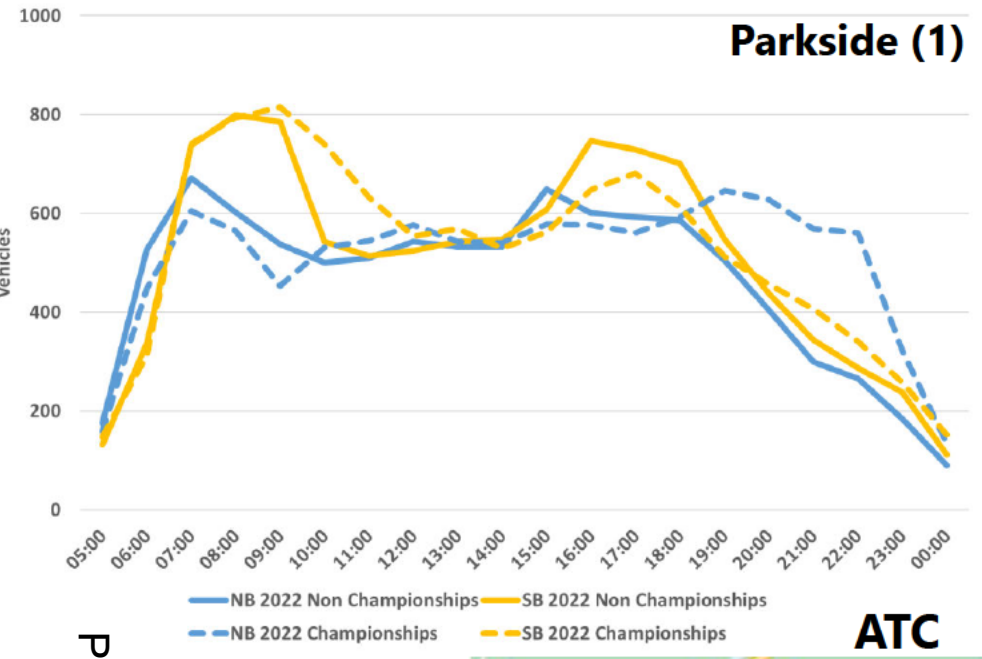
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Championships Arrival Peak Period (11:00-12:00) – vehicles			
Scenario	Arrival	Departure	Total
2019	1,261	566	1827
2022	1,123	607	1730
2022 % of 2019	89%	107%	95%

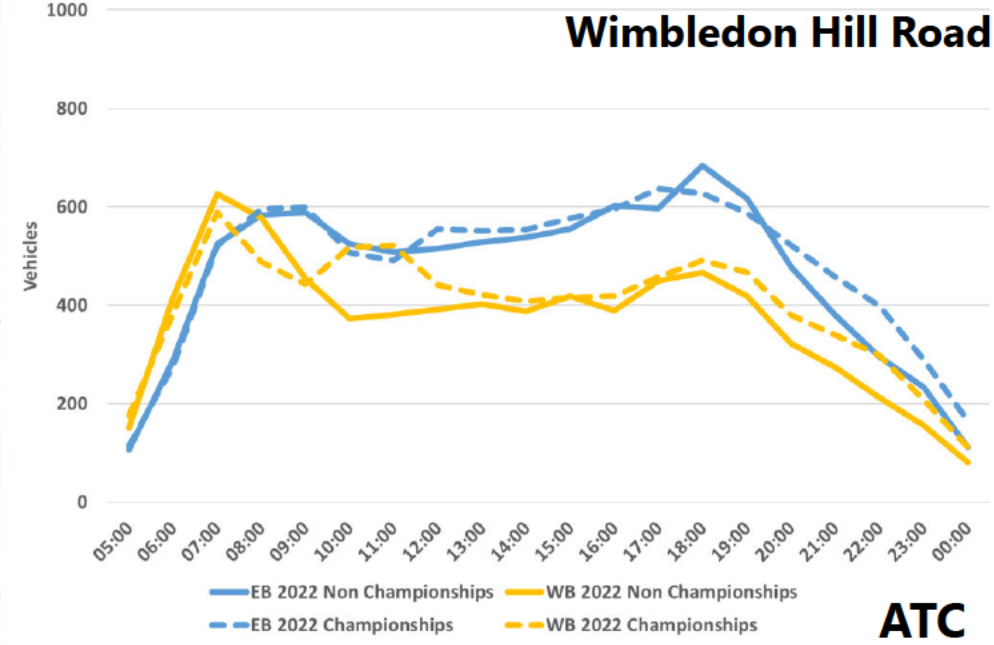
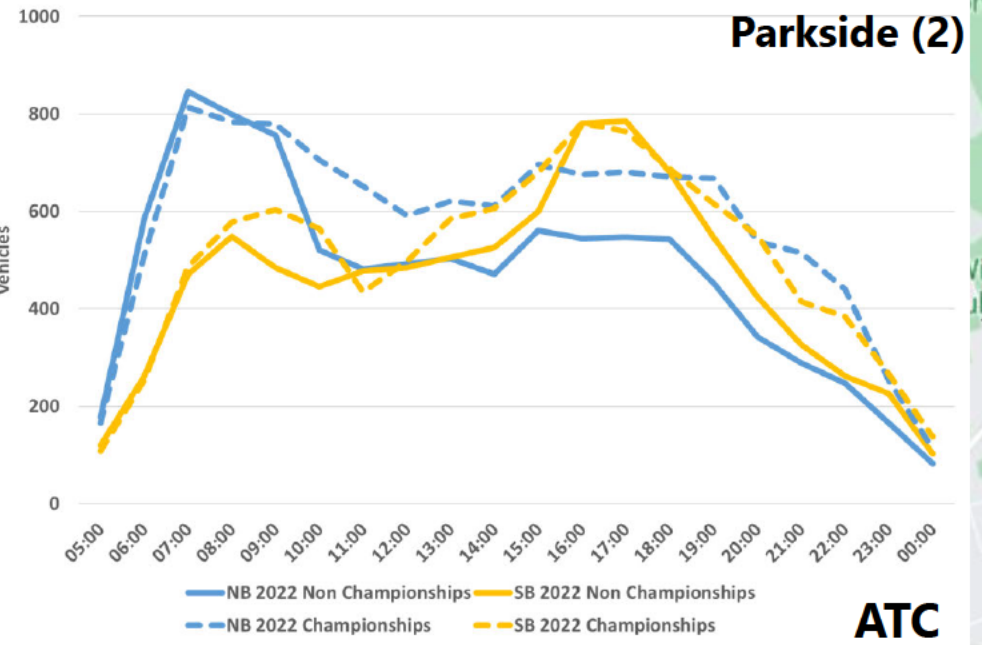
2022 Non-Championships (without closure) vs 2022 Championships (with closure)



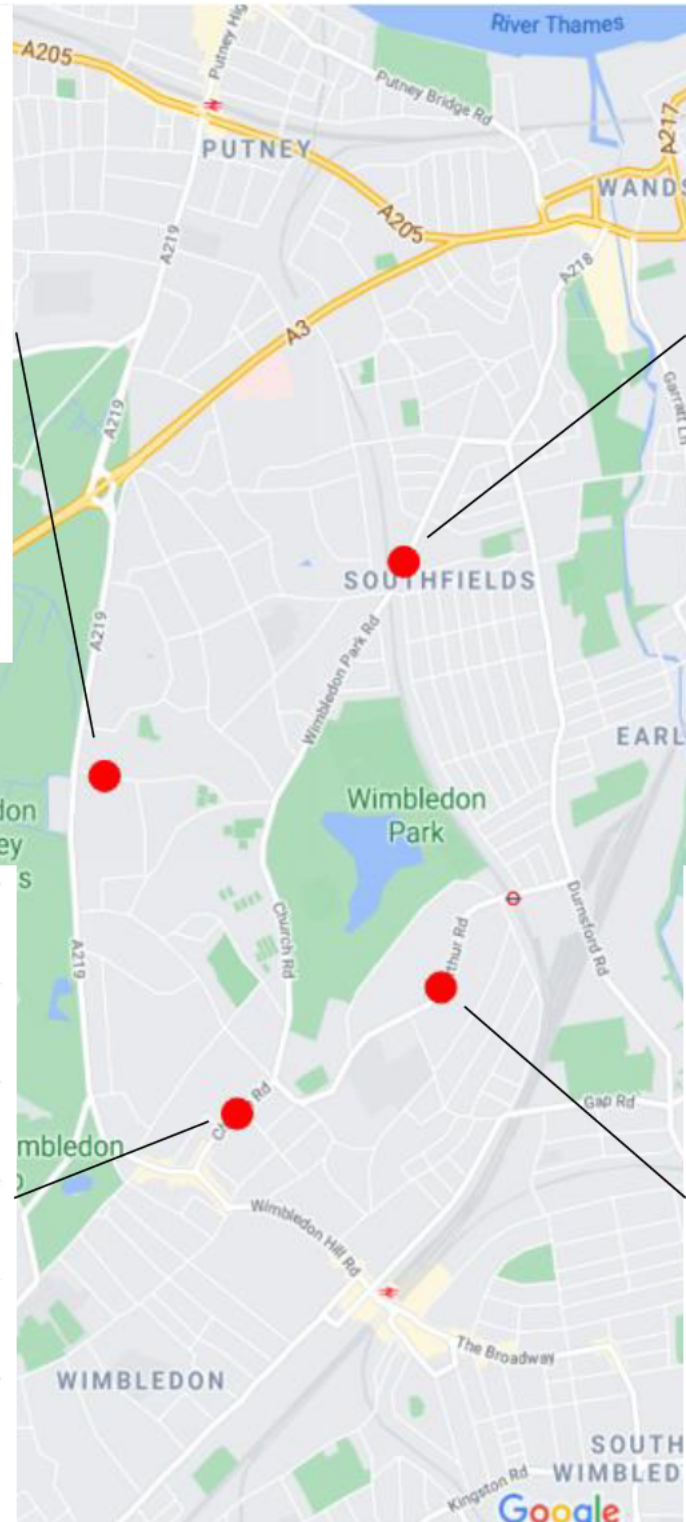
Strategic Links – Average Weekday



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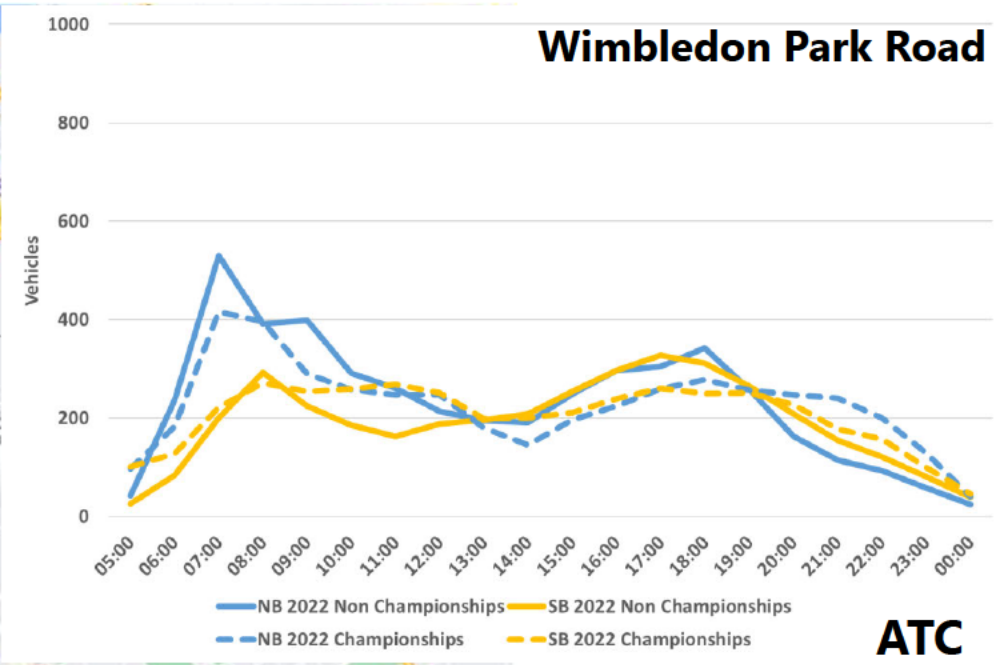
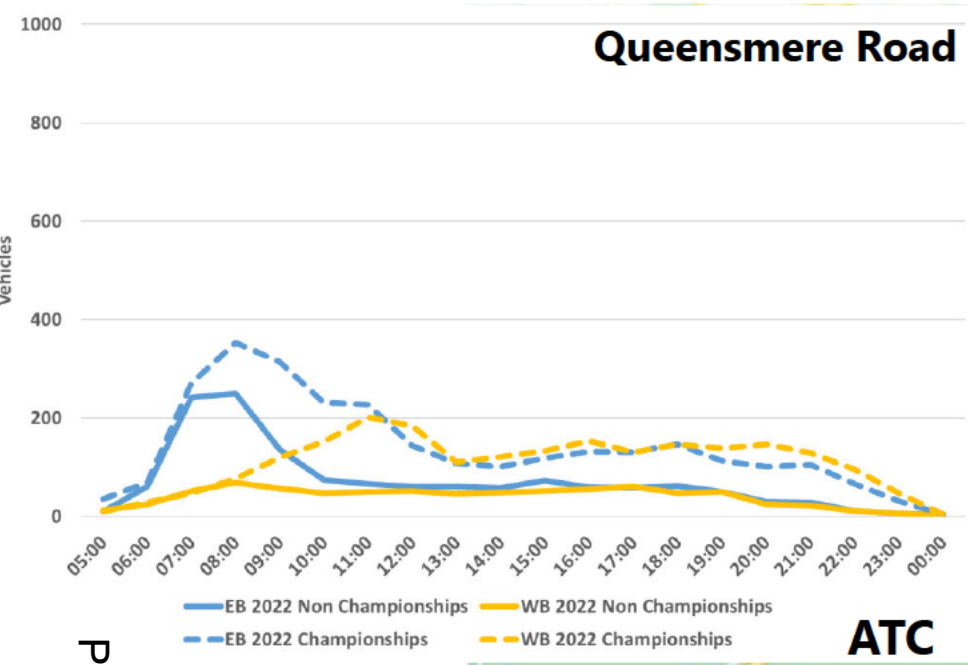


Connecting Links – Average Weekday



Queensmere Road

Wimbledon Park Road



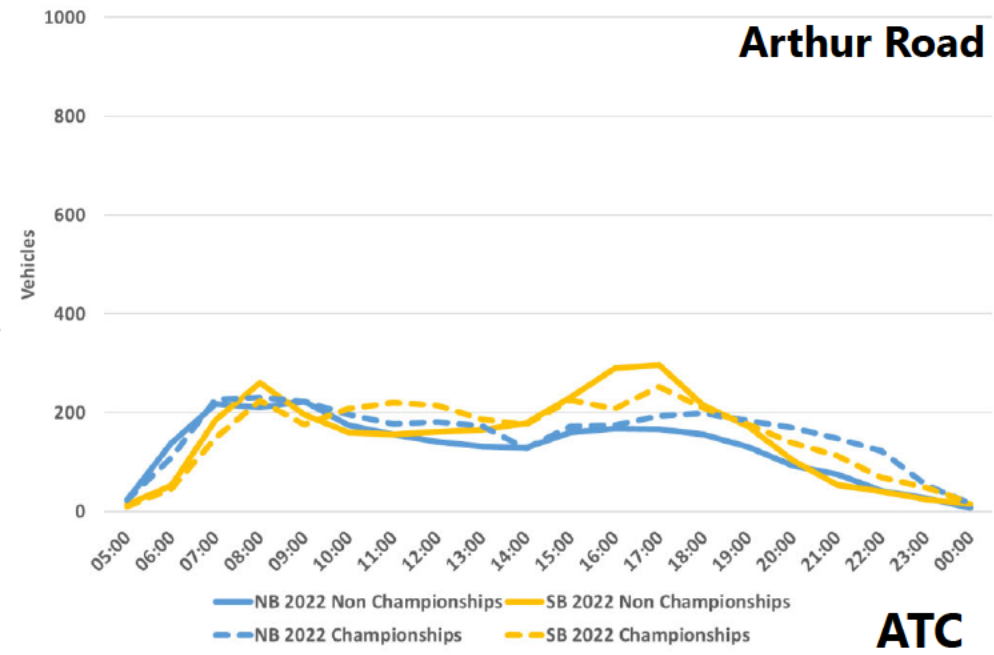
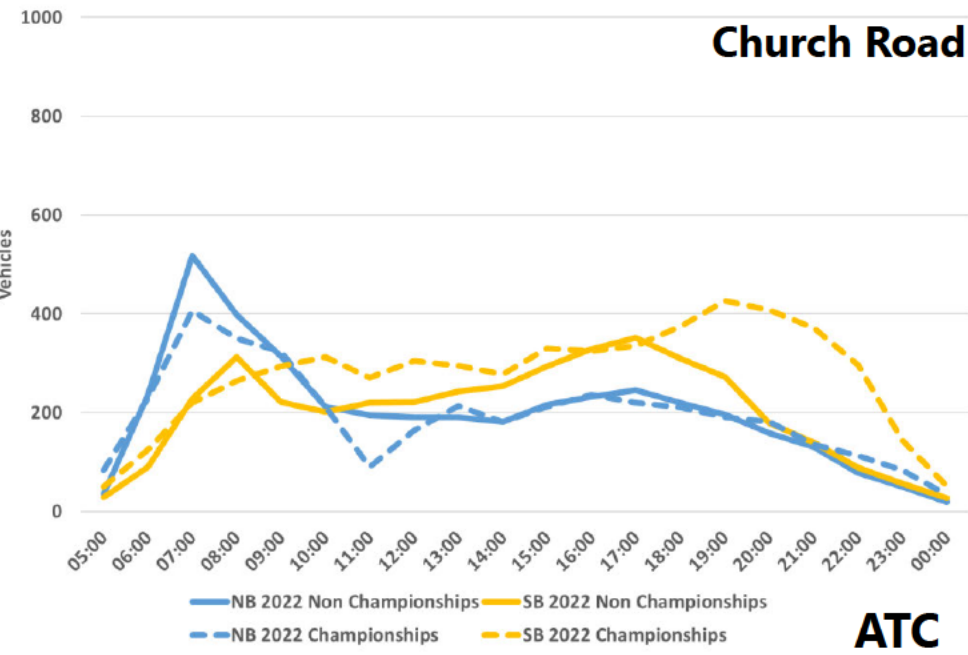
ATC

ATC

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Church Road

Arthur Road

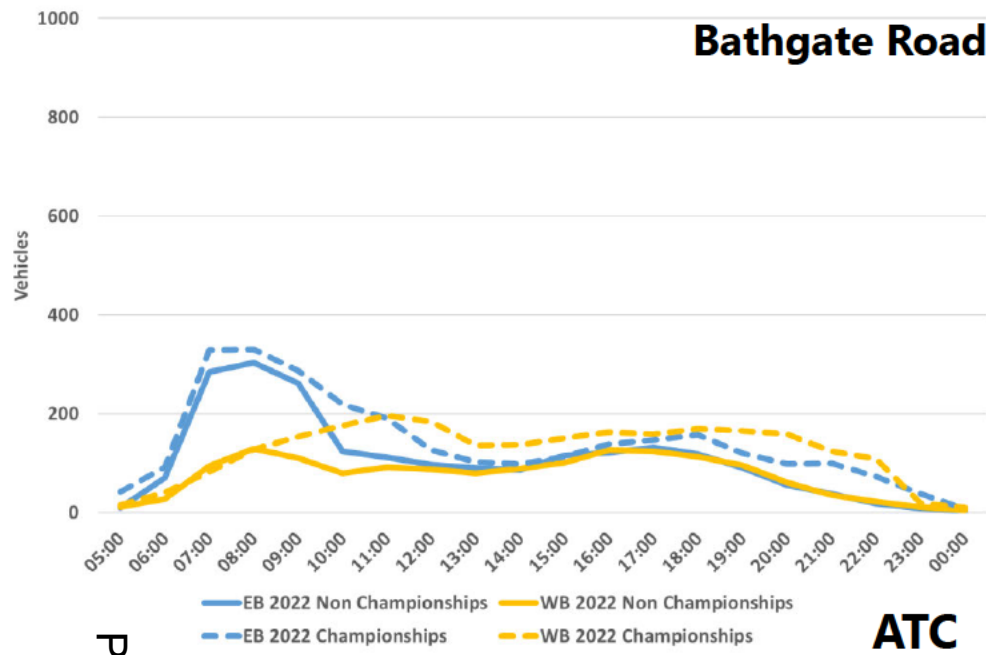


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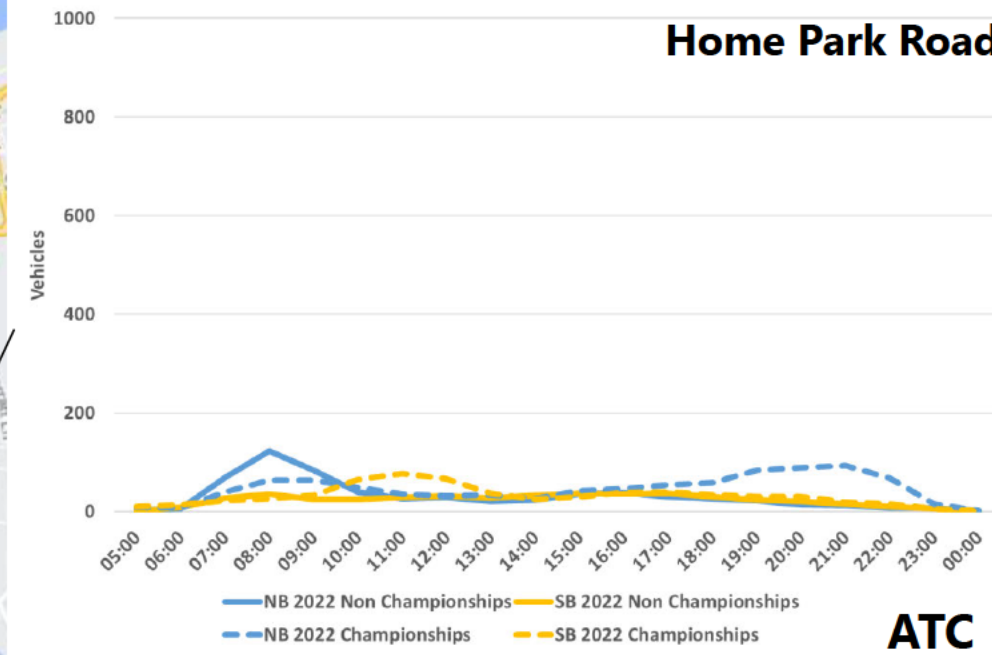
Adjacent Links – Average Weekday

Bathgate Road



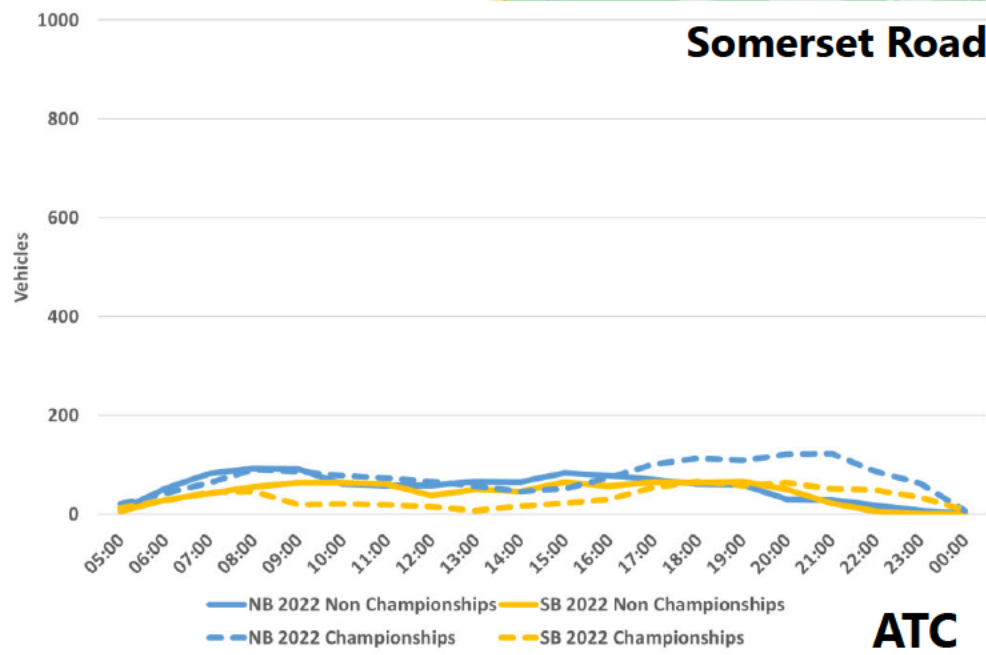
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Home Park Road



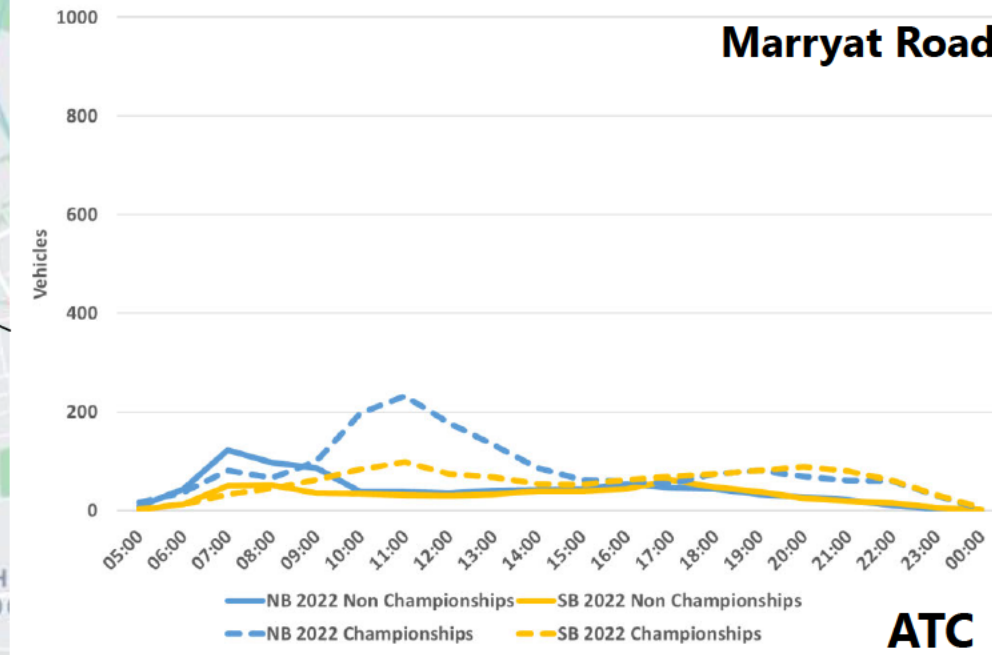
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Somerset Road

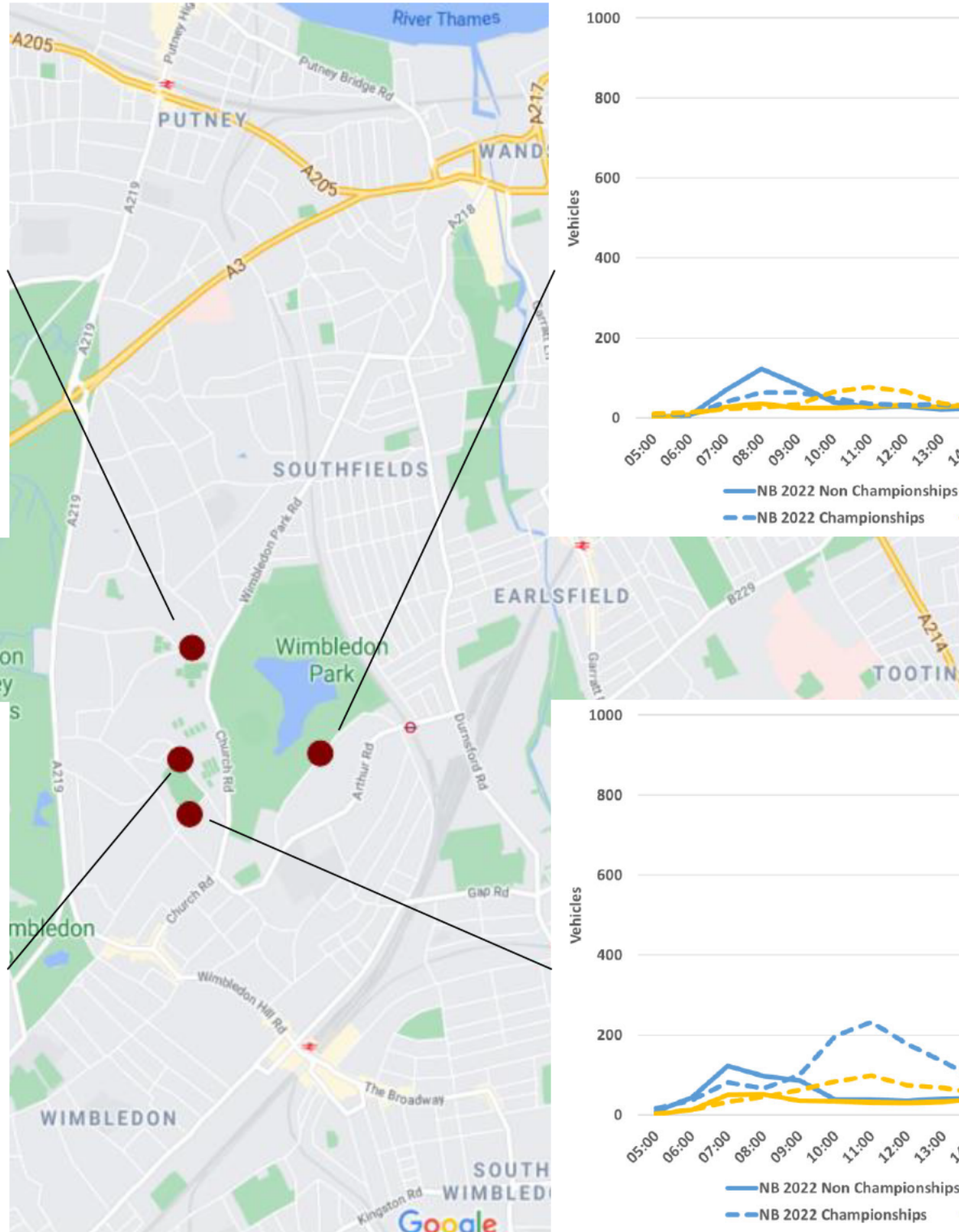


ATC

Marryat Road

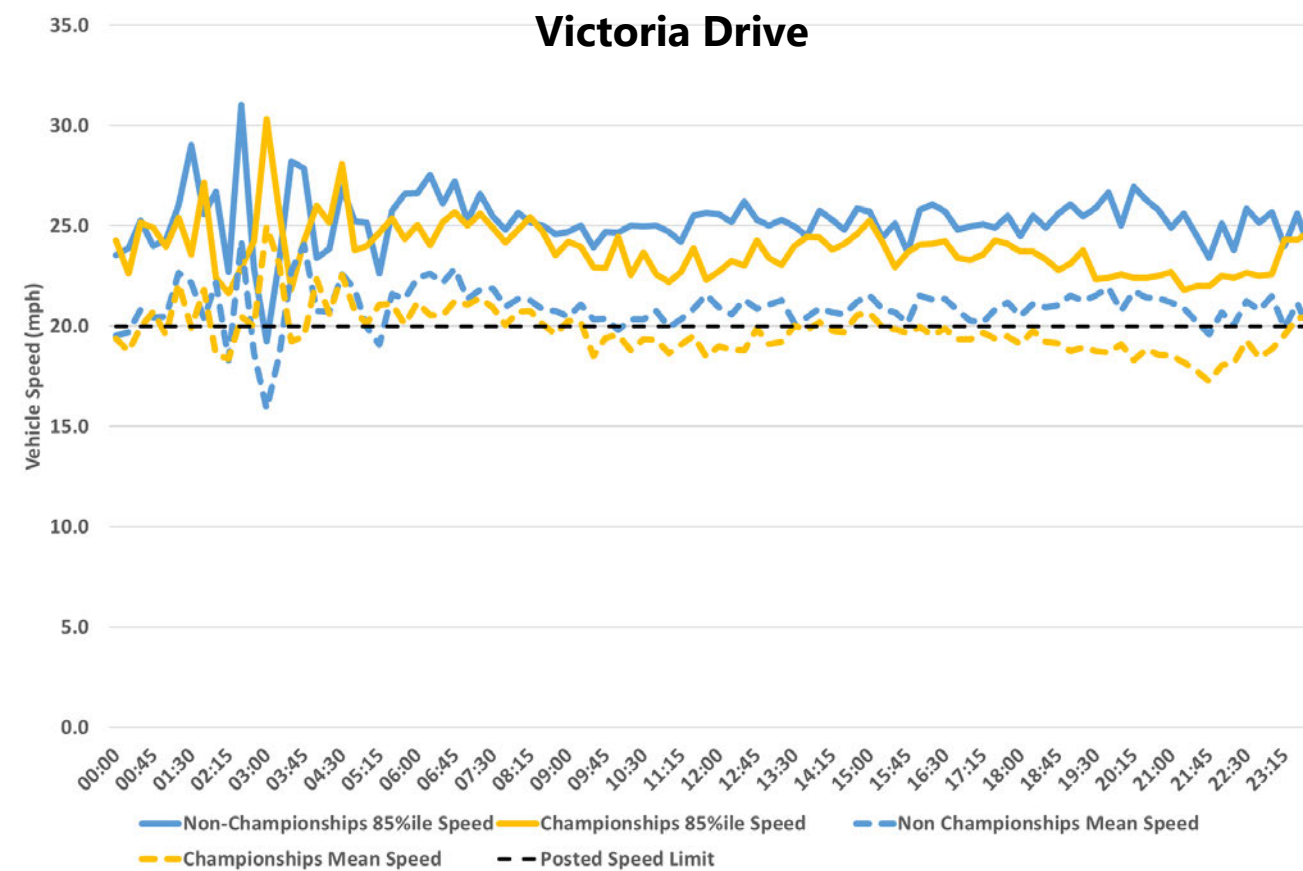
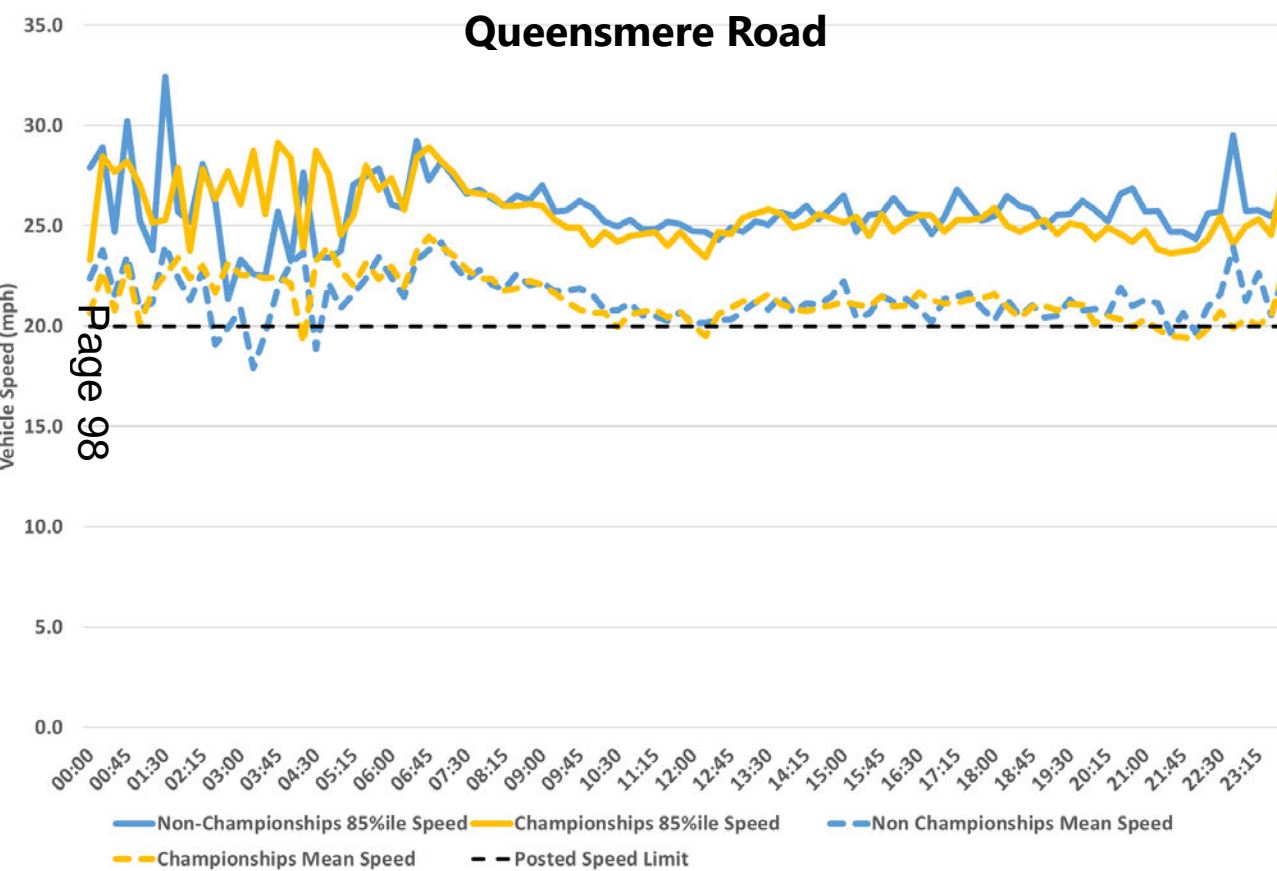


ATC



Traffic Speed Observations

- Anecdotal observations from residents raised concerns about traffic speed on Queensmere Road and Victoria Drive during The Championships
- Vehicle speed surveys undertaken on each road before and during The Championships



- Little difference between vehicle speeds before and during The Championships on Queensmere Road
- Vehicle speeds on Victoria Drive slightly lower during The Championships
- Average speed and 85%ile speed consistently above posted speed limit before and during The Championships. Potential for improved vehicle speed enforcement on both roads.

Next Steps: 2023 Championships Converting ETMO to a TMO

