From:	southwark.gov.uk>
Sent: 12 November 2020 16:29	
To: McIntosh Audrey (ST)	otfl.gov.uk>; McKenna David (ST)
@tfl.gov.uk>; Oram David (S	T) <u>@ tfl.gov.uk</u> >; George Andrew
<pre>@ tfl.gov.uk>; Paz Morwenna</pre>	(ST) @tfl.gov.uk>
Subject: Dulwich LSP Phase 2 commencing I	Monday 16th November

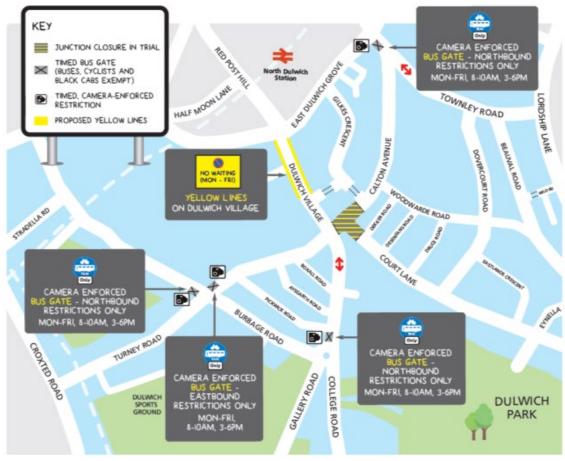
Dear all,

Starting on **Monday 16th November** the following roads will have measures installed to restrict traffic travelling northbound or eastbound only from 8-10am and 3-6pm on Mondays-Fridays. There will be no restrictions at weekends and the measures have been designed so that there is always an alternative route to allow residents, visitors and deliveries to take place on every road at any time of the day:

See attachment for more details

Dulwich Village at the junction with Burbage Road – a northbound camera enforced restriction

- Burbage Road (South) at the junction with Dulwich Village a northbound camera enforced restriction
- Burbage Road (North) at the junction with Turney Road a northbound camera enforced restriction
- Turney Road at the junction with Burbage Road an eastbound camera enforced restriction
- Townley Road at the junction with Calton Avenue a northbound camera enforced restriction



Regards

Highways | Environment and Leisure Southwark Council | 160 Tooley Street | London SE1P 5LX

Tel:

Ηi

```
From: George Andrew
                                    @tfl.gov.uk>
Sent: 24 November 2020 15:31
                                                      southwark.gov.uk>; Oram David
To:
                  tfl.gov.uk>
Cc: Paz Morwenna (ST)
                                     @tfl.gov.uk>; Wells, Richard
               @southwark.gov.uk>; McKenna David (ST)
                                                                       @tfl.gov.uk>;
Benford Oliver (ST)
                                 @tfl.gov.uk>;
                                                          @southwark.gov.uk; Green
                              @tfl.gov.uk>; Reucroft Peter (ST)
Jonathan (ST)
              @tfl.gov.uk>; Benson Neil
                                                   @ tfl.gov.uk>
Subject: RE: Dulwich LTN Phase 2
```

Apologies for the delayed response. As discussed at our meeting last week we would want to set some monitoring criteria to include within the monitoring strategy provided for TMAN. At present our biggest concerns relate to the potential for reassigned traffic across key routes surrounding Dulwich village and the potential implications that may have to bus services.

The roads of most concern are:

- 1. Lordship Lane
- 2. Dulwich Common
- 3. Thurlow Park Road
- 4. Croxstead Road
- 5. Norwood Road

These routes will need to be monitored throughout the course of the experimental order. I would probably suggest reviewing data back to Jan 2020 so we can get a comparison of the flows on these routes pre / post COVID. We can also then look to attribute any increase in trends which may have occurred as a direct result of temporary works on the network or any implemented LSP measure in the local area, which may have had adverse effect on the network but would not be directly attributed to the Dulwich scheme.

Network Performance can assist in the provision of data from the NP dashboard. This can help to highlight changes in flows on key routes and monitor bus journey times across the above routes. Having spoken with Dave Oram it is thought this can best be achieved through the following data outputs: -

- SCOOT trend data (since January 2020) for flows and congestion on links around the area. SCOOT links on Norwood Road, Croxted Road, Tulse Hill gyratory, A205 Dulwich Common, Dulwich Village, Lordship Lane, East Dulwich Grove and College Road. From this NP can show the dates of when the scheme was implemented and hopefully draw conclusions on where traffic flow patterns have changed over time.
- NIMBUS data can assist with bus journey times (since January 2020) for buses around the outskirts of the LSP/LTN area, as well as those through the middle of Dulwich Village. We will also include Croxted Road and Norwood Road based on recent observations. This data can be used to understand average journey times throughout the area.

Having liaised with our bus performance and bus client team, we would suggest that where trends have shown a general increase in average bus journey time, above one standard deviation for a consistent durations (3 weeks), this would trigger the requirement for further engagement on the effects of the implemented measures. This may be to either discuss possible mitigations before the scheme is implemented on a more permanent basis or possibly the viability of the scheme itself.

Data collected throughout the course of the trial will be used as evidence to support the implementation of the scheme or used to support the need to escalate issues to RSRPG forum when the temporary measures are proposed to go in permanently.

Please can you look to include this within your monitoring strategy and submit this as part of you TMAN application.

I hope this makes sense, I am happy to discuss if you require any further clarification

 $R\,egards$

Andrew

Andrew George

Principal Network Impact Manager – South Network Impact Specialist Team

TRANSPORT FOR LONDON

From: Agy
Sent: 24 November 2020 10:11

To: George Andrew @tfl.gov.uk>; Oram David (ST)

@tfl.gov.uk>

Cc: Paz Morwenna (ST) <u>@tfl.gov.uk</u>>;

@southwark.gov.uk>; McKenna David (ST)
@tfl.gov.uk>;

Benford Oliver (ST) <u>@tfl.gov.uk</u>>; <u>@southwark.gov.uk</u>

Subject: RE: Dulwich LTN Phase 2

Thanks Andrew.

R

Highways | Environment and Leisure

Southwark Council | 160 Tooley Street | London SE1P 5LX

Tel:

From: George Andrew [mailto @tfl.gov.uk]

Sent: Tuesday, November 24, 2020 9:5/ AM
To: Oram David (ST)

Cc: Paz Morwenna (ST); McKenna David (ST); Benford Oliver (ST)

Subject: RE: Dulwich LTN Phase 2

Hi

Yes indeed, I have had a few meetings with buses and we are proposing to utilise our NP dashboard which has all the relevant S coot information and NIMBUS data. We just want to be aligned with other schemes where we have set similar success criteria for experimental orders, so I am just awaiting feedback from my seniors.

I will get an email out to you later this morning.

Sorry for the delay

Regards

Andrew

Andrew George

Principal Network Impact Manager – South

Network Impact Specialist Team

OTRANSPORT FOR LONDON

Surface Transport | Network Management Directorate

Palestra House | 3rd floor – Zone 3B3 | 197 Blackfriars Road | London SE1 8NJ

From: Sent: 23 November 2020 18:35 To: Oram David (ST) @tfl.gov.uk>; George Andrew @tfl.gov.uk> Cc: Paz Morwenna (ST) @southwark.gov.uk>; McKenna David (ST) Subject: RE: Dulwich LTN Phase 2		
Hi Andrew , Hope you are well. At our last meeting you were going provide me with some indicative success threshold for bus performance on the SRN and TLRN as part of the monitoring plan i.e. Lordship Lane, East Dulwich Grove , Croxted Road, South Circular Can you update me on this please. Regards		
Highways Environment and Leisure Southwark Council 160 Tooley Street London SE1P 5LX Tel:		
From: Paz Morwenna (ST) [mailto: ottp://www.mc.com/mailto: ottp://www.		
Apologies for the venue confusion — I put on a Teams link but the location somehow changed to Palestra. This meeting is definitely online via Teams at midday.		
Dear All,		
As per my email on 13^{th} November, this meeting is to discuss the Dulwich LTN Phase 2. We will discuss SRN,TLRN and Bus impacts and potential mitigation measures that could be coordinated.		

With thanks and kind regards, Morwenna

Morwenna Paz [she/her]

Principal Sponsor | Network Sponsorship | Investment Delivery Planning | Transport for London LB Southwark

Phone:

Email: @tfl.gov.uk

<< File: image001.png >>

Microsoft Teams meeting

Join on your computer or mobile app

Click here to join the meeting

If you have any access requirements or limited functionality for this meeting, please let me know in advance.

Learn More | Meeting options

From: Oram David (ST) _____@tfl.gov.uk>
Sent: 17 December 2020 17:12

To: ______southwark.gov.uk>; George
Andrew ______@tfl.gov.uk>; McKenna David (ST) ______@tfl.gov.uk>
Cc: Benford Oliver (ST) _______@tfl.gov.uk>;

<u>@southwark.gov.uk</u>>
Subject: RE: Dulwich LTN Impact review on SRN/TLRN

Hi all,

Presentation from this morning showing UTC SCOOT flow and congestion data, and iBus journey time data, is now attached.

I've updated the graphs so this is the most up to date information we currently hold.

Overall I'd say the only significant increases in journey time we are seeing are on Norwood Road and Croxted Road northbound in the morning.

We're going to do the same again in February to see if the trend continues or if traffic continues to reassign after Christmas.

Hope everyone enjoys their break!

Regards,

David Oram

Principal Network Manager Network Performance Delivery, South

OTRANSPORT FOR LONDON

Surface Transport | Network Management Directorate

Palestra House | 3rd floor – 3B3 | 197 Blackfriars Road | London SE1 8NJ

EVERY JOURNEY MATTERS

-----Original Appointment-----

From: southwark.gov.uk>

Sent: 01 December 2020 13:05

Benford Oliver (ST); Oram David (ST); George Andrew; To:

McKenna David (ST);

Subject: Dulwich LTN Impact review on SRN/TLRN

When: 17 December 2020 10:00-11:00 (UTC+00:00) Dublin, Edinburgh, Lisbon, London.

Where: Microsoft Teams Meeting

Microsoft Teams meeting

Join on your computer or mobile app

Click here to join the meeting

From: Ray Shampa (ST) @tfl.gov.uk>

Sent: 04 February 2021 <u>15:4</u>2

To: Sexton Alex @tfl.gov.uk>;

@southwark.gov.uk>

@tfl.gov.uk>; Betts Clive **Cc:** Langbridge Joanne (ST)

@tfl.gov.uk>; Greene Reuben @ tfl.gov.uk>; McKenna David @tfl.gov.uk>; Paz Morwenna (ST) @tfl.gov.uk>

Subject: RE: LSP Dulwich -IBUS data [INC 000000331655]

Afternoon,

Please find attached additional Run Times (R 240) reports covering the following dates.

- 06 January 2019-31 August 2019
- 01 January 2020-31 August 2020
- 01 January 2021-31 January 2021

Kind regards,

Shampa.

Shampa Ray Green | Data Configuration Analyst

iBus and Countdown Data Team

London Buses | Transport for London

Email ⊠:

























From: southwark.gov.uk>

Sent: 03 February 2021 15:28

To: Ray Shampa (ST) @tfl.gov.uk>

Subject: RE: LSP Dulwich -IBUS data [INC 000000331655]

Thank you Shampa...

Highways | Environment and Leisure

Southwark Council | 160 Tooley Street | London SE1P 5LX

Tel:

From: tfl.gov.uk]

Sent: Wednesday, February 03, 2021 1:25 PM

To:

Cc: Langbridge Joanne (ST); iBus Countdown Data

Subject: RE: LSP Dulwich -IBUS data [INC000000331655]

Afternoon,

The standard deviation that comes with the reports generated is the deviation of the value (actual minus schedule running time) from the mean of the population of similar values with a high variation if greater than 1 or a low variation if the value is a fraction, i.e. less than 1. I would advise you consult someone with more statistical expertise, tools and knowledge within civil engineering traffic/transportation modelling/planning team working with the council, who would be able to best advise whether the standard deviation is relevant or not for your traffic monitoring strategy. I, unfortunately am not the best person to interpret the raw data provided.

I have requested data for the three additional periods requested below similar to the R 240 reports sent yesterday. Given the data retention period, the data available will not go back as far as 01 January 2019.

Please allow up to 10 working days for the reports to come through.

Kind regards,

Shampa.

Shampa Ray Green | Data Configuration Analyst

iBus and Countdown Data Team

London Buses | Transport for London

Email ⊠:





















From: southwark.gov.uk>

Sent: 02 February 2021 16:30

@tfl.gov.uk> To: Ray Shampa (ST) < @tfl.gov.uk>; Sexton Alex

Cc: Langbridge Joanne (ST) @tfl.gov.uk>; Betts Clive @tfl.gov.uk>; Greene Reuben @tfl.gov.uk>

Subject: RE: LSP Dulwich -IBUS data [INC000000331655]

Thanks Ray for the update.

I will appreciate if you can clarify the standard deviation and how this compared with delays? Do you have:

- Jan-Aug 2019
- Jan -Aug 2020
- Jan 2021 data

Regards

Highways | Environment and Leisure Southwark Council | 160 Tooley Street | London SE1P 5LX Tel: 0

From: Ray Shampa (ST) [mailto: @tfl.gov.uk]

Sent: Tuesday, February 02, 2021 2:46 PM

To: Sexton Alex

Cc: Langbridge Joanne (ST); Subject: RE: LSP Dulwich -IBUS data [INC000000331655]

Hello Alex,

Please find attached the Run Times (R 240) reports as requested.

This ticket will remain open until close of business Monday 15/02/21.

Take care with kind regards, Shampa.

Shampa Ray Green | Data Configuration Analyst

iBus and Countdown Data Team

London Buses | Transport for London

Email ⊠:























From: Ray Shampa (ST) @tfl.gov.uk>

Sent: 01 February 2021 09:15

To: Sexton Alex @tfl.gov.uk>

Cc: southwark.gov.uk>; Langbridge @tfl.gov.uk>; Betts Clive Joanne (ST) @tfl.gov.uk>; Greene @tfl.gov.uk> Reuben

Subject: RE: LSP Dulwich -IBUS data [INC 000000331655]

Morning Alex,

I have requested data this time for Journey Times for the 4 routes in the area with the same parameters that were used for the Hyperion 340 Reports previously extracted and sent. Hopefully the raw data provided this time will be similar to the format you are accustomed to analysing. Please allow up to 10 working days for this data to come through.

I have raised a new incident number [INC 000000331655 as amended in the subject line] for this request as the previous incident reference number had expired.

Kind regards, Shampa.

Shampa Ray Green | Data Configuration Analyst

iBus and Countdown Data Team

London Buses | Transport for London

Email ⊠:





















From: Sexton Alex @tfl.gov.uk>

Sent: 29 January 2021 16:36

To: Ray Shampa (ST) @tfl.gov.uk>

southwark.gov.uk>

Subject: FW: LSP Dulwich -IBUS data [INC000000313127]

Hi Shampa,

Hope you are well. I have been trying to help analyse the attached as I have done it before but the data attached looks a lot more data than what I have seen before.

We are trying to compare bus journey times before and after an intervention.

Is the main element we look at to assess impact is the Mean Actual-Mean Scheduled (seconds)? We are also a bit confused about the "All" row then doesn't equal accurately the Mean Actual -Mean Scheduled for that bus stop.

Also does he need to look at standard deviations and what do these show?

Thanks

Alex

From: southwark.gov.uk>

Sent: 29 January 2021 12:44

To: Sexton Alex @tfl.gov.uk>

Subject: LSP Dulwich -IBUS data [INC 000000313127]

Thanks Alex. As per discussion.

R

Highways | Environment and Leisure

Southwark Council | 160 Tooley Street | London SE1P 5LX

Tel:

From: Ray Shampa (ST) [mailto: @tfl.gov.uk]

Sent: Friday, January 15, 2021 10:52 AM

Paz Morwenna (ST); McKenna David (ST) Cc: iBus Countdown Data; Greene Reuben; Langbridge Joanne (ST)

Subject: RE: LSP Dulwich -IBUS data [INC000000313127]

Good morning

I appreciate that you are overwhelmed by the data provided for the 4 routes as requested over the two autumn periods of 2019 and 2020 for comparison.

Full column categories are listed at the beginning of each table for reference as follows:

SD(m)	Scheduled Distance (metres)
TP	Time Period
NOT	No of Observed Trips
MiSJT	Min Sched Journey Time (seconds)
MaSJT	Max Sched Journey Time (seconds)
MeSJT	Mean Sched Journey Time (seconds)
MiAJT	Min Actual Jouney Time (seconds)
MaAJT	Max Actual Journey Time (seconds)
MeAJT	Mean Actual Journey Time (seconds)
MeAMS	Mean Actual - Mean Sched (seconds)
StdAJT	Standard Dev (Actual Journey Time) (seconds)
CoVAJT	Coefficient of ∀ariation (%) - (Actual Journey Time)
MADT	Mean Actual Dwell Time (seconds)
MAS	Mean Actual Speed (km/h)
StdAS	Standard Dev (Actual Speed) (km/h)
CoVAS	Coefficient of Variation (%) - (Actual Speed)
XthPerAS	xth Percentile Actual Speed (seconds)

Data of each Route journey have been broken down into segments between stops From/To for each Day Type:- (1) Monday to Friday; (2) Saturday; (3) Sunday.

Means of journey times/dwell times are taken for each time period (TP) for that range between the two stops along with the mean difference between the Actual and Scheduled

Data for each route can then be compared between 2019 and 2020.

Apologies one would have to keep looking up the reference table as it could not be fitted with the main table in a desirable format with different column widths.

I hope that gives you and your team an idea of which of the data provided you would like to process as per project requirements from the Excel files that can be filtered, sorted and presented to your customers in any format.

Take care with regards, Shampa.

Shampa Ray Green | Data Configuration Analyst iBus and Countdown Data Team

London Buses | Transport for London

Email ⊠:























From: southwark.gov.uk> **Sent:** 11 January 2021 16:52 To: Ray Shampa (ST) @tfl.gov.uk>; Paz Morwenna (ST) @tfl.gov.uk>; McKenna David (ST) @tfl.gov.uk>; Greene Reuben Cc: iBus Countdown Data @tfl.gov.uk>; Langbridge Joanne (ST) @tfl.gov.uk>

Subject: RE: LSP Dulwich -IBUS data [INC 000000313127]

Thanks Ray.

Please can we have some help in making some sense out of this data so that we can translate to the public?

Do you have some time to go through with us?

Regards

Highways | Environment and Leisure Southwark Council | 160 Tooley Street | London SE1P 5LX Tel:

From: Ray Shampa (ST) [mailto: @tfl.gov.uk]

Sent: Monday, January 11, 2021 3:05 PM

Paz Morwenna (ST); McKenna David (ST) **Cc:** iBus Countdown Data; Greene Reuben; Langbridge Joanne (ST)

Subject: RE: LSP Dulwich -IBUS data [INC000000313127]

Good afternoon

Please find attached, iBus data for Routes, 37, 42, 185 and P4 as requested for the locations at Lordship Lane, Dulwich for the following two periods:

- from 01 September 2019 to 31 December 2019
- from 01 September 2020 to 31 December 2020

[Incident reference no. INC 000000313127 for this this data request as added to the subject line]

Kind regards,

Shampa.

Shampa Ray Green | Data Configuration Analyst iBus and Countdown Data Team

London Buses | Transport for London Email ⊠:



























From: southwark.gov.uk>

Sent: 15 December 2020 13:42

To: McKenna David (ST) @tfl.gov.uk>; iBus Countdown Data

@tfl.gov.uk>

Cc: Paz Morwenna (ST) @tfl.gov.uk>

Subject: RE: LSP Dulwich -IBUS data

Thank you David.

Please can include data for the routes below in addition to Lordship Lane:

• P4 via Dulwich Village

• 37, 42 via East Dulwich Grove

Regards

Highways | Environment and Leisure

Southwark Council | 160 Tooley Street | London SE1P 5LX

Tel:

From: McKenna David (ST) [mailto: @tfl.gov.uk]

Sent: Tuesday, December 15, 2020 1:35 PM

To: iBus Countdown Data

Cc: Paz Morwenna (ST);

Subject: FW: LSP Dulwich -IBUS data

Dear colleagues

I would be grateful if you could investigate the date we have for Lordship Lane, Southwark to the north of the junction with Dulwich Common for the most recent period and comparative data from a year ago — e.g. for Route 185.

Background is that LB Southwark have implemented a Low Traffic Neighbourhood for Dulwich Village (north of Dulwich Common and west of Lordship Lane) and this data is needed as part of the monitoring strategy.

Regards

David McKenna

Lead S ponsor (S outh East London) | Network S ponsorship | Investment Delivery Planning Phone

4th Floor Palestra, 197 Blackfriars Road, London SE1 8NJ

@tfl.gov.uk



Please note that I am working from home during the coronavirus crisis until further notice and my office landline is not being diverted.

From: southwark.gov.uk>

Sent: 14 December 2020 18:20

To: McKenna David (ST)

Cc: Paz Morwenna (ST)

a@tfl.gov.uk>

@tfl.gov.uk>

Subject: LSP Dulwich -IBUS data

Hi David,

Hope you are well.

We are having a number of queries on bus performance along Lordship Lane, Dulwich Village, East Dulwich Grove and Red Post Hill.

Please can we have ibus data that shows the trend in bus performance September –Dec 2020 compared to same time last year

Regards

Highways | Environment and Leisure Southwark Council | 160 Tooley Street | London SE1P 5LX Tel:

From: southwark.gov.uk>

Sent: 22 May 2020 17:06

To: LS P Applications @tfl.gov.uk> Cc: southwark.gov.uk>;

> @southwark.gov.uk>; southwark.gov.uk>;

southwark.gov.uk>; McKenna David (ST)

@TfL.gov.uk> Subject: Southwark LSP submission

Southwark Council welcomes Transport for London's London Streetspace plan and our opportunity to bid for funding.

Attached is our bid for £1,693,000

We have set out the details of the proposed schemes on sheet 2 of the form in line with advice from TfL's LSP bid team.

We have identified a council contribution of £150,000 which is largely being utilised to expedite the first phase of works. As the programme progresses we will update TfL on this.

We are confident that the programme described is deliverable and has been designed to meet the key criteria and considerations identified in the guidance.

Sheet 2 includes the map referencing and links to previous work funded by TfL last year. We have identified an amount in the summary which represents sunk costs.

We are happy to discuss in more detail if required.

Place and Wellbeing Department 5th Floor, Hub 2, Zone C

Get Involved online at: http://www.southwark.gov.uk/consultations Follow us on facebook: www.southwark.gov.uk/residentsinvolvement

