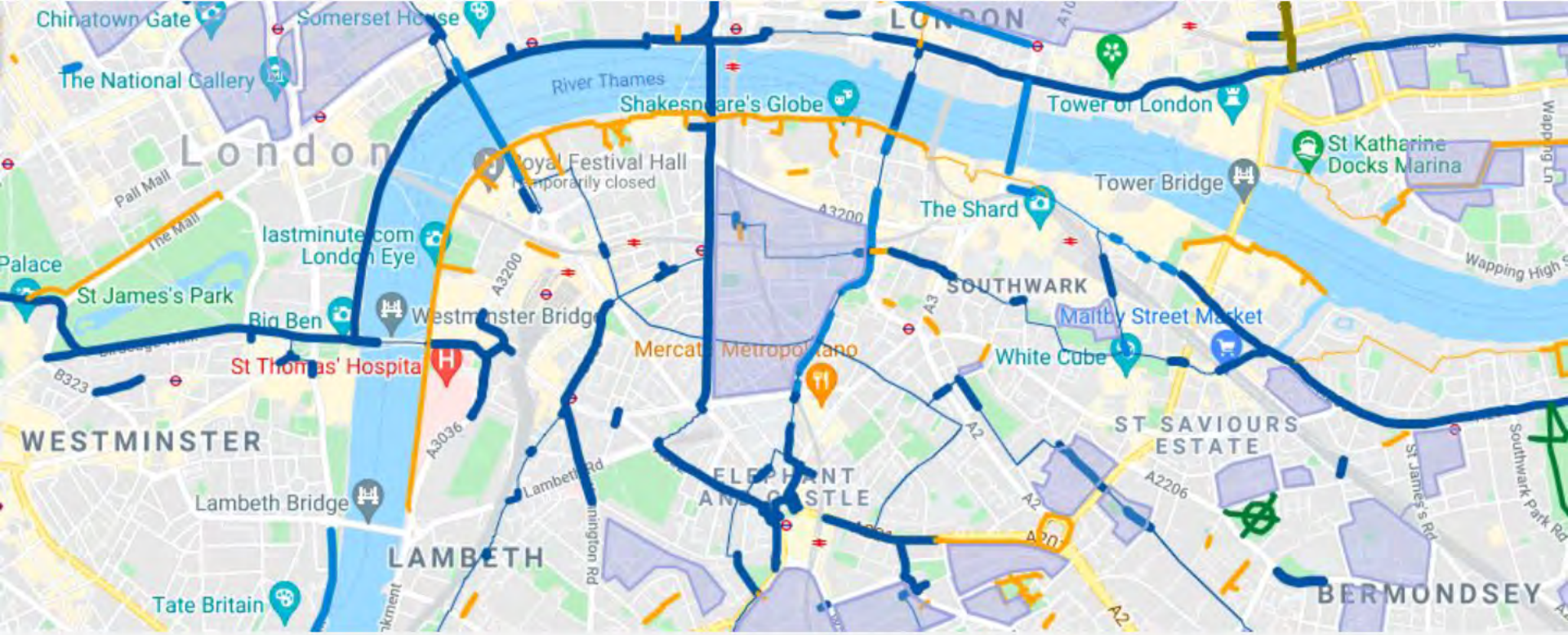


SafeCycleLDN

Safe Cycling in London map

Presentation Structure

1. Why did I create the map?
2. How did I create the map?
3. What is the Safe Cycling in London map?
4. Methodology/Layers on the map
5. How this map has helped Londoners
6. Potential internal TfL use
7. Potential outfacing TfL use
8. Opportunities for improvements/Future challenges
9. Q&A

Why did I create the map?

- No map existed that included the key protected TfL routes, council-led protected routes, Low-Traffic Neighbourhoods (LTNs), shared-space pathways/pavements and legacy protected routes
- There wasn’t a map that put safety first
  - E.g. a map that showed that the quality of an established cycle route might not be the same throughout

How did I create the map?

- Resources (May 2020-today)
  - TfL map
  - Cycle Streets
  - Google Satellite/Streetview
  - Personal knowledge/exploring
  - Council consultation pages
- Later resources (Feb 2021-today)
  - Suggestions by my followers on Twitter
  - Suggestions by London Cycling Campaign (LCC) and Sustrans

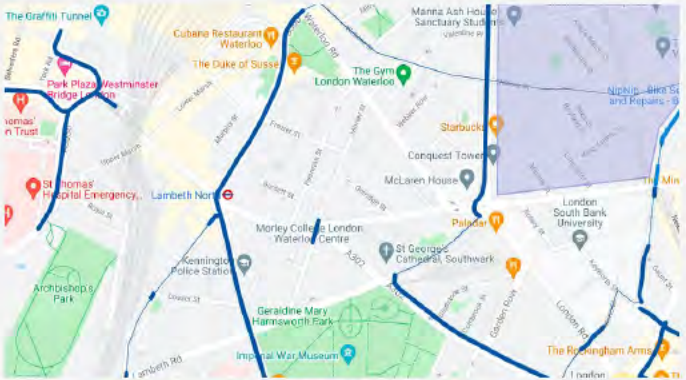
What is the Safe Cycling in London map?

- A map that shows the various safe places to cycle safely in London using:
  - Thick lines - Routes separated from road traffic
  - Thin lines - On-road established routes/connections
  - Shaded boxes - LTNs
- Different colours emphasise the kind of route it is
  - Protected cycleway
  - Shared-space route
  - Park route
  - Pop-up cycleway/Streetspace for London
  - Under construction
  - Approved/Consultation stage
- It uses Google My Maps as the base map and covers the whole of London

Methodology

1 - Thick blue line:

Segregated cycle path



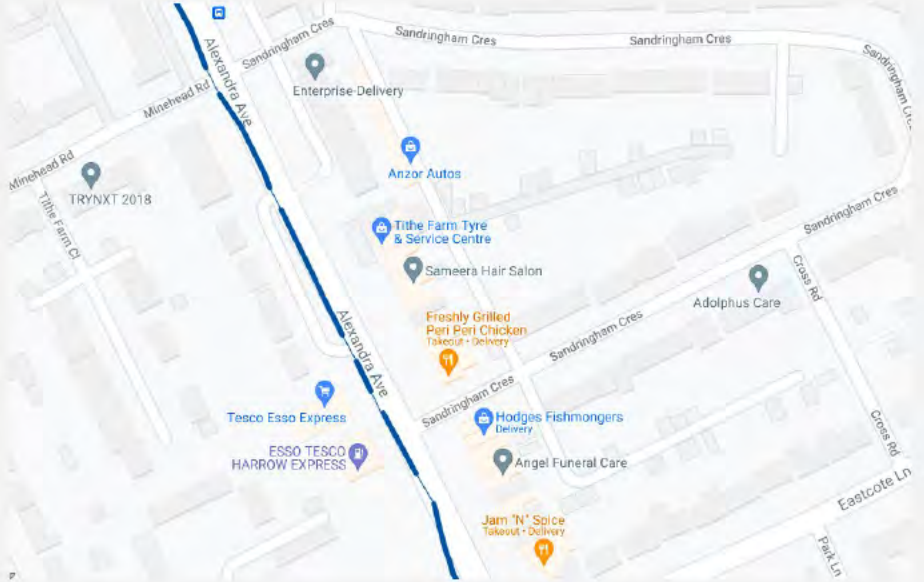
Cycleway 3

Cycleway 23

Methodology

1 - Thick blue line (with gaps):

Low-quality segregated cycle path (e.g. giving up at every side road)



Alexandra Road

Methodology

2 - Thin blue line:

On-carriageway route (must be part of an established cycle route)

Cycleway 10

Cycle Superhighway 7

Methodology

3 - Green line:

Parks (only open during daylight hours)

Methodology

4 - Orange line:

Shared space with pedestrians

Canal routes - (Quietway 16)

Pavement routes (Quietway 23)

Methodology

5 - Orange line:

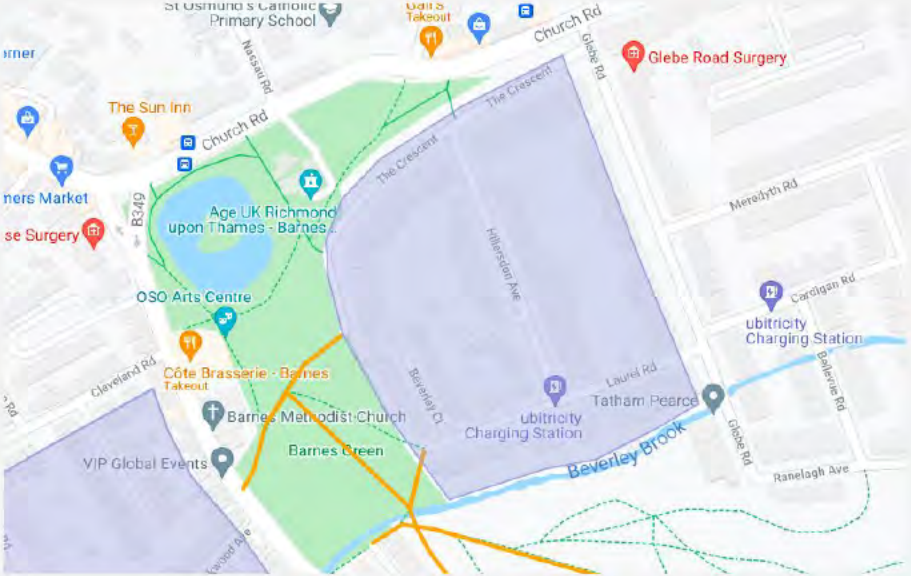
Cycle lane separated only by paint

Passageways - Holland Park Path

Pavements - Cray Avenue

Methodology

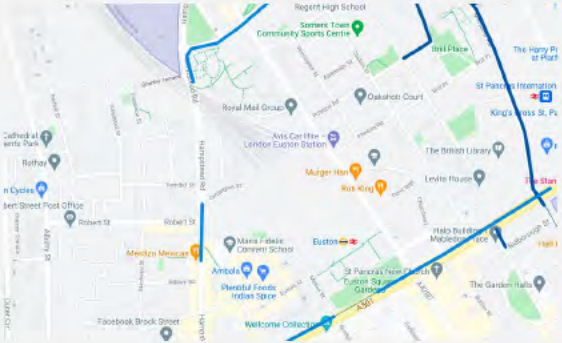
6 - Blue box:
Low-Traffic Neighbourhood (LTN)



Methodology

7 - Light blue line:

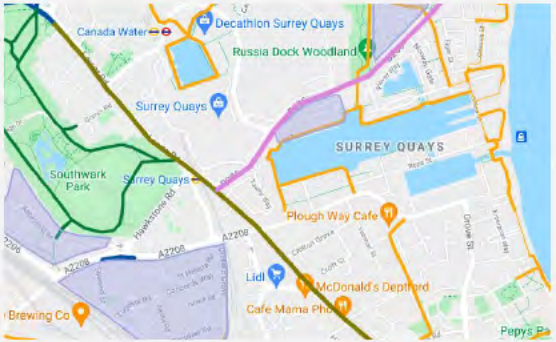
Streetspace for London/Pop-up Cycleways



Methodology

8 - Thick brown line: under construction

9 - Thick pink line: under consultation/approved



Cycleway 32 - New Malden

Streatham Hill Cycleway

Layers on the map

- TfL Cycleways
- Other safe routes
- Parks
- Shared space with pedestrians
- Streetspace for London/Pop-up cycle lanes
- LTNs post-March 2020
- LTNs
- Under construction
- Approved/Under consultation

How this map has helped Londoners

ro @romany · Apr 28

Replying to @SafeCycleLDN @London_Cycling and @sustrans

Best map ever!

2

Carolyn Axtell
@AxtellCarolyn

Replying to @LittleEcoT @_wearepossible and @SafeCycleLDN

Thanks @LittleEcoT yes we are using the @SafeCycleLDN map!

12:41 PM · Jun 9, 2021 · Twitter Web App

Hello! Thanks for making contact. Yes, we love your map. It has play a role in me rediscovering cycling in London. We have use it to plan routes and encourage many timid cyclists to give it a go. I am very happy to help where I can & thanks for all your efforts,
Tomás

Will Petty @Microlambert · 8h

With the help of @SafeCycleLDN, last night we took a lovely route from Wanstead Flats to the Olympic Park, via Maryland and Odessa LTNs. But NO WAY would it have been possible without the map. Wayfinding for cycling in London is abysmal.

James
@JamesBlurbs

Replying to @PedalsNottm @Matt_Hill_UK and @RantyHighwayman

The @SafeCycleLDN Google Maps overly is a comprehensive record of LTNs and cycleways (although it includes interventions of all ages - not just shiny new stuff such as Old Bethnal Green Road).

Jon Stone
@joncstone

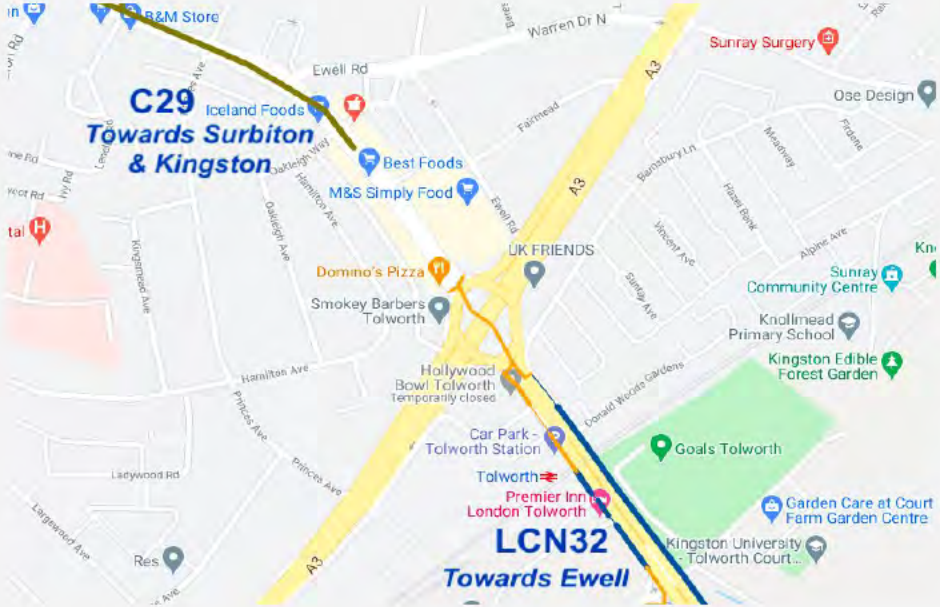
I've posted this before but if you cycle in London and you want a good map of all the infrastructure I really rate this by @SafeCycleLDN google.com/maps/d/viewer?...

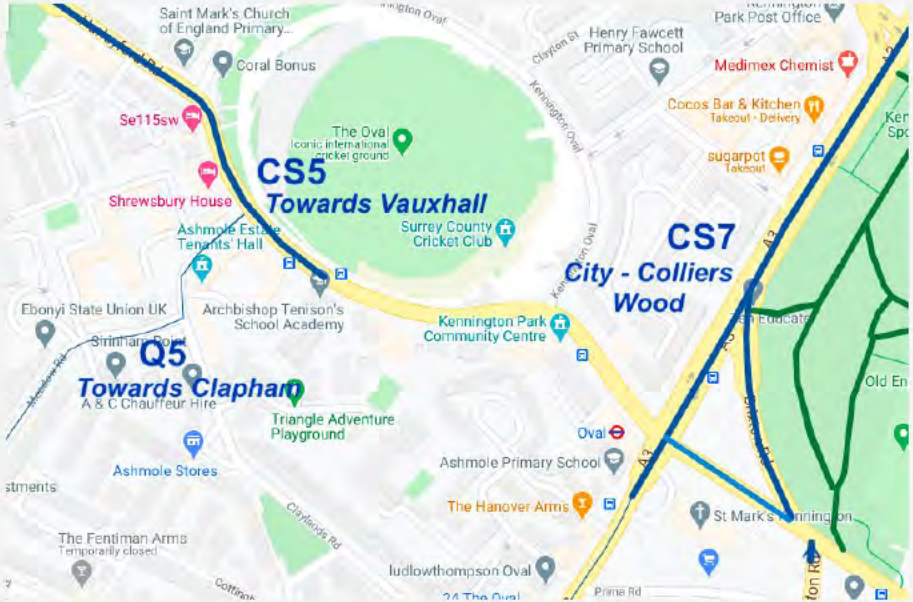
8:11 AM · Apr 26, 2021 · TweetDeck

Potential internal TfL use

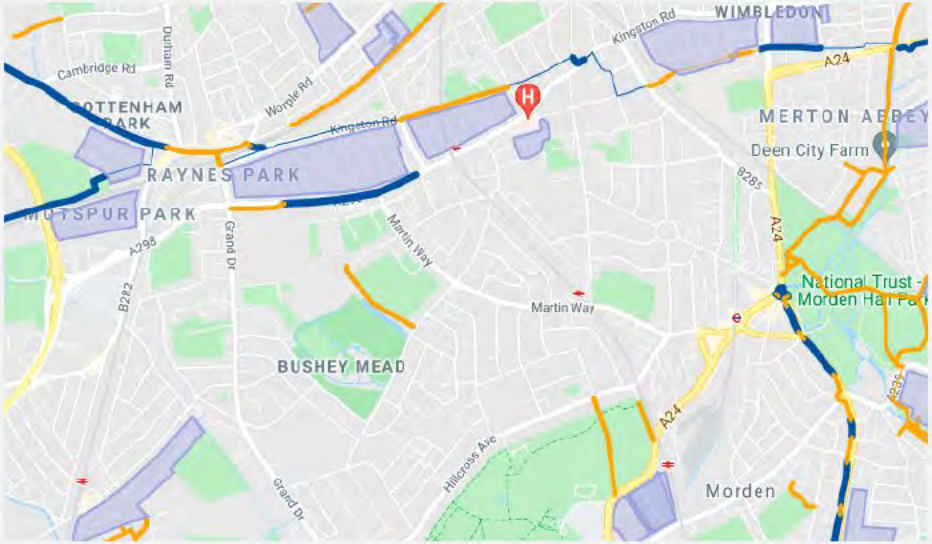
- Identifying missing links
- Identifying where in London already has legacy infrastructure
- Identifying potential future TfL routes using existing infrastructure
- Database of all cycle infrastructure good/bad in London (borough by borough)
    - This was in collaboration with the LCC and done for the Healthy Streets Scorecard

Identifying missing links

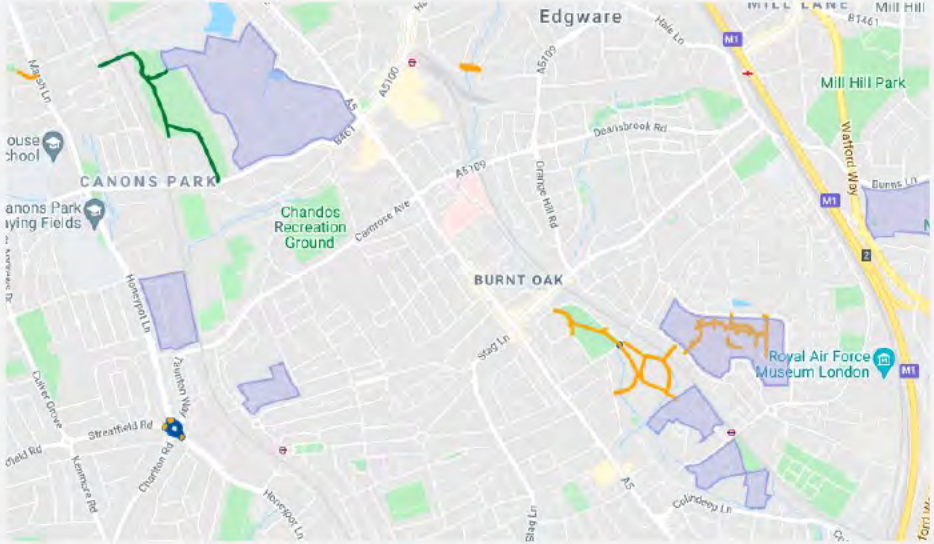




Identifying where in London already has legacy infrastructure



Raynes Park/Morden

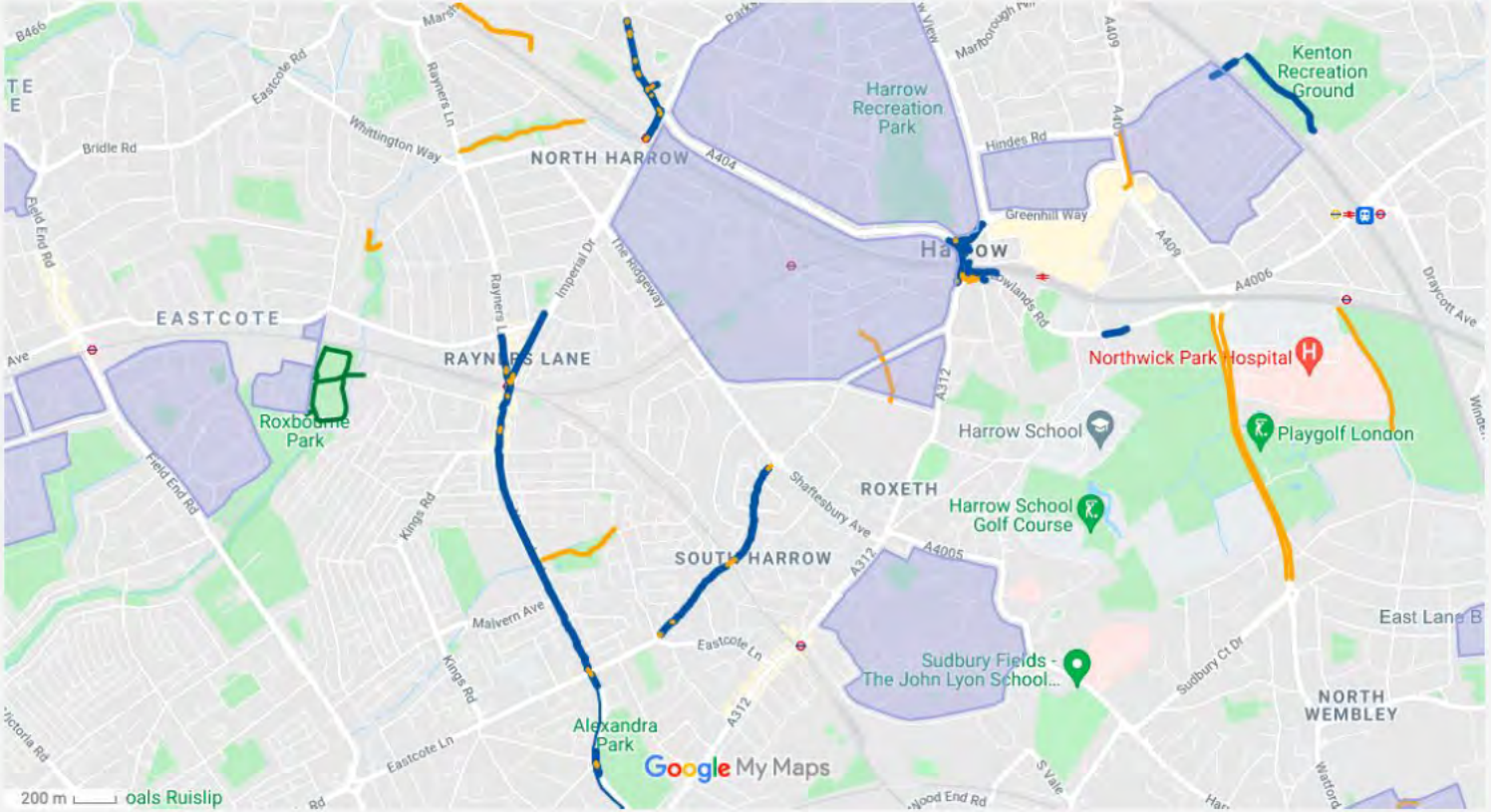


Burnt Oak/Canons Park

A4 Cycleway (1930s cycleway)

Gives up at the traffic lights

Identifying potential routes using existing infrastructure



Alexandra Avenue - LB Harrow

Gives up at side roads

	TOTAL	TFL ROADS	COUNCIL	DELIVERED SINCE 2008	POP-UP
LB Barking and Dagenham	18.66	9.47	9.19	6.73	0
LB Barnet	5.2	0.3	4.9	4.9	4.9
LB Bexley	16.88	0.08	16.79	2.54	0
LB Brent	11.11	1.48	9.63	4.85	2.33
LB Bromley	11.42	1.58	9.84	6.16	1.37
LB Camden	21.86	2.57	19.29	17.72	7.02
LB Croydon	4.89	0	4.89	3.18	2.1
LB Ealing	21.57	13.63	7.94	6.29	1.39
LB Enfield	67.12	18.89	48.23	27.15	0
RB Greenwich	38.24	0.46	37.78	11.68	5.13
LB Hackney	9.94	0.42	9.52	7.57	4.49
LB Hammersmith & Fulham	7.64	0.49	7.15	5.35	5.19
LB Haringey	12.28	1.95	10.33	6.2	3.99
LB Harrow	17.85.	0	17.85	0.31	0
LB Havering	6.85	1.29	5.56	0.53	0
LB Hillingdon	17.91	4.02	13.89	0	0
LB Hounslow	46.81	32.54	14.27	9.04	3.3
LB Islington	9.06	2.3	6.76	6.69	2.64
RB Kensington and Chelsea	0.49	0.26	0.23	0.04	0
RB Kingston-Upon-Thames	20.3	3	17.3	12.51	0.22
LB Lambeth	10.4	5.92	4.48	7.61	0.74
LB Lewisham	3.21	1.46	1.75	0.65	0.05
City of London	11.8	7.42	4.38	11.16	3.64
LB Merton	11.72	5.12	6.6	2.81	2.14

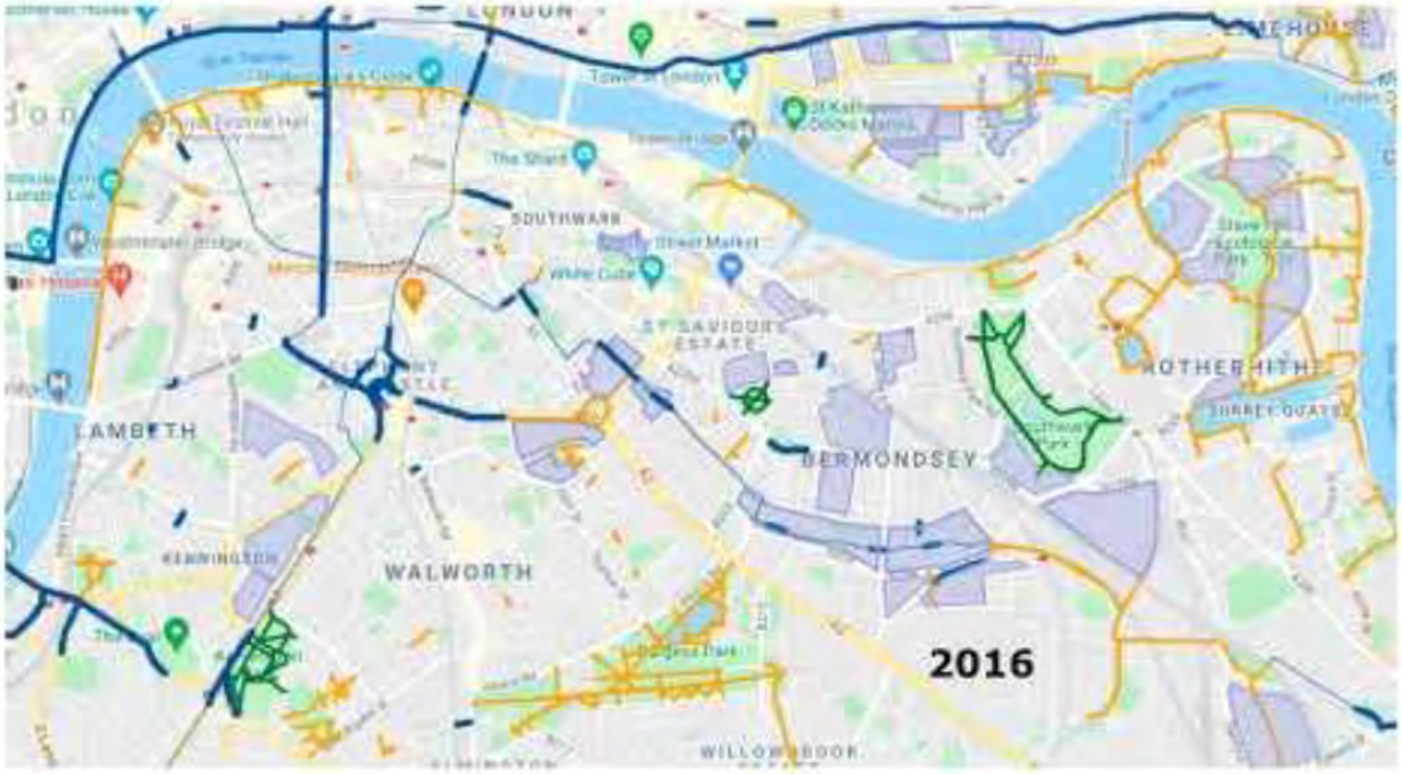
27	**LB Newham**	**29.86**	*11.55*	*18.31*		*11.73*	*0*
28	**LB Redbridge**	**6.26**	*1.82*	*4.44*		*1.21*	*0*
29	**LB Richmond-Upon Thames**	**10.9**	*6.83*	*4.07*		*2.93*	*2.93*
30	**LB Southwark**	**19.8**	*9.91*	*9.89*		*15.51*	*2.98*
31	**LB Sutton**	**15.18**	*7.99*	*7.19*		*1.86*	*1.11*
32	**LB Tower Hamlets**	**20.12**	*12.62*	*7.5*		*10.78*	*1.38*
33	**LB Waltham Forest**	**52.7**	*4.25*	*48.45*	*TBC*		*5.3*
34	**LB Wandsworth**	**16.91**	*11.32*	*5.59*		*8.22*	*7.22*
35	**City of Westminster**	**25.52**	*11.86*	*13.66*		*24.72*	*7.37*
36							
37	**Total**	582.61	192.8	407.65		238.63 (-LBWF)	78.93

Potential outfacing TfL use

- No other map includes LTNs as well as protected cycle lanes
  - This includes established LTNs and ones that exist naturally by design
- No other map exists that has safety as it's number one priority
  - LCC and Sustrans in London endorse it
- Although Google My Maps isn't the best platform, the data can be transferred to another platform
- TfL could use this data to display 'safe other routes' in addition to the established TfL routes
- Opportunity to create a 'safe-routes-at-night' version of the map
  - Exclude parks open at night, canal paths etc.
- Potential - apps/data
  - I have been approaching programmers to see how this data can be used to be turned into an app for safe cycling in London

Opportunities for improvements/Future challenges

- Google My Maps isn’t a sustainable platform in the long-term
  - Design issues (the software hasn’t been updated in a long time)
  - Limited number of layers available
  - Stuck with Google’s brand identity
- The upkeep of the map
- Deciding what is good enough to be on the map


LONDON
SOUTHWARK
LAMBETH
BERMONDSEY
ROTHERHITHE
WALWORTH
KENNINGTON
2016

Q&A