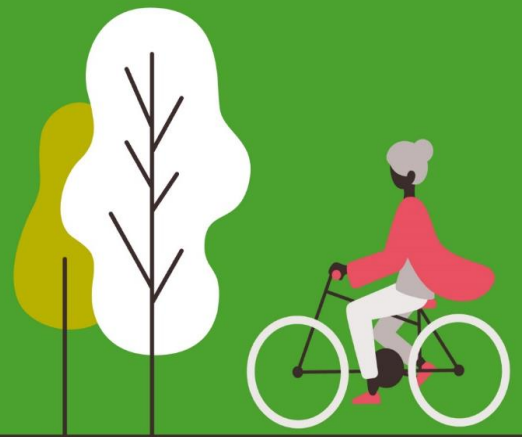
Street Improvements

West Dulwich

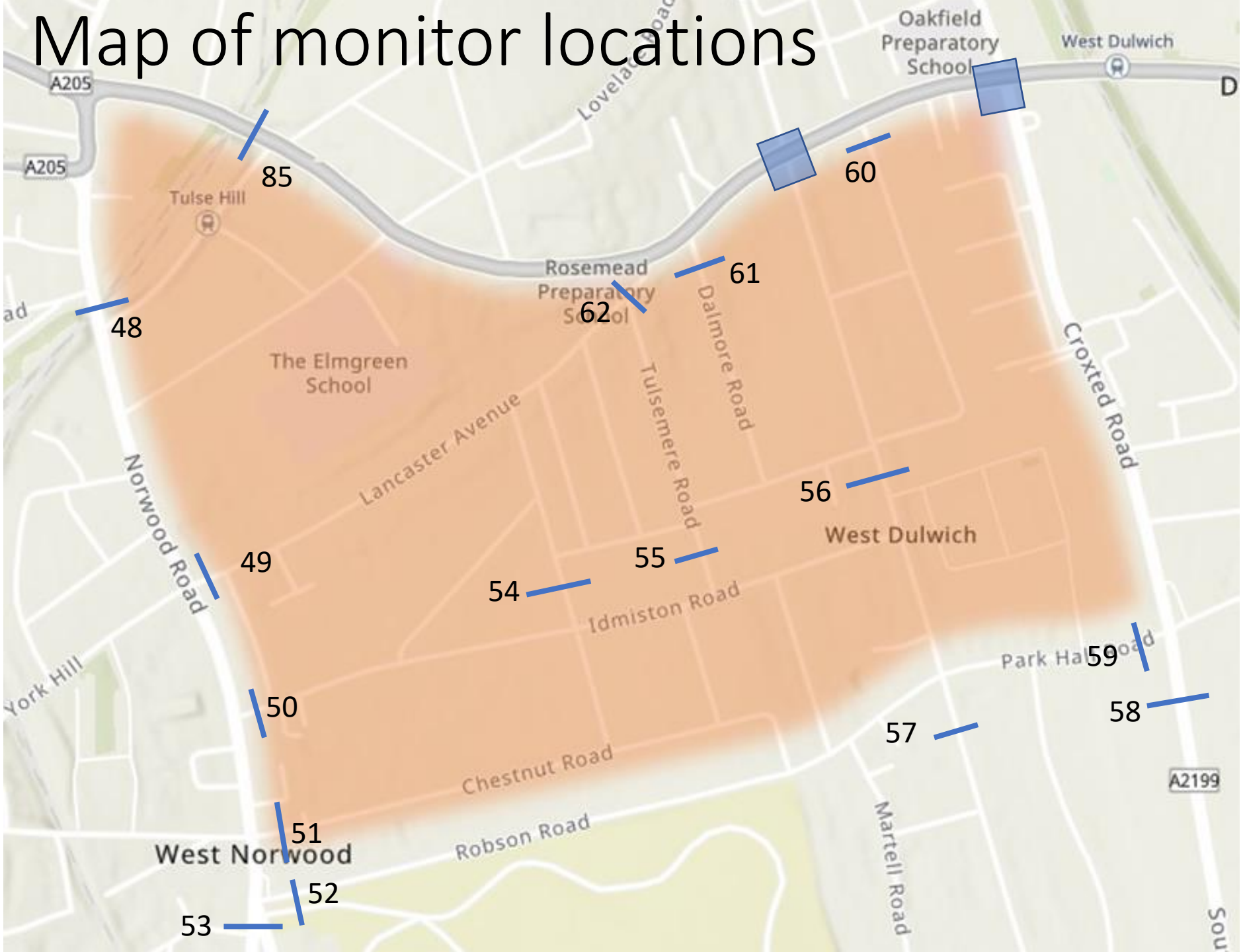


Baseline Traffic Data

Data was collected in West Dulwich to establish an understanding of:

- Traffic volumes, speeds and journeys made
- Air quality
- Collisions

Map of monitor locations



Site No.	Location.	Direction.	Speed Limit (mph)	Total Vehicles.	5 Day Ave.	7 Day Ave.	Peak Hour	No. > Speed Limit.	%. > Speed Limit.	Mean Speed	85%ile Speed
48	A215 Norwood Road	North	30	65741	9370	9392	609	1065	1.6	18.5	23.3
		South	30	62985	8904	8998	570	2190	3.5	18.6	24.9
		Two way	30	128726	18274	18389	1086	3255	2.5	18.6	24.2
53	A215 Norwood Road (South)	North	20	80012	11326	11430	670	20329	25.4	17.5	22.6
		South	20	87588	12390	12513	932	37071	42.3	19.4	23.9
		Two way	20	167600	23716	23943	399	57400	34.3	18.5	23.5
58	A2199 Croxted Road	North	20	51391	7394	7342	550	33159	64.5	21.9	27.4
		South	20	48126	6910	6875	559	31389	65.2	21.9	26.8
		Two way	20	99517	14305	14217	973	64548	64.9	21.9	27.1
54	Ardlui Road	North	20	2902	445	415	44	373	12.9	16.3	19.6
		South	20	6601	1079	943	167	841	12.7	15.9	19.6
		Two way	20	9503	1524	1358	202	1214	12.8	16	19.6
60	Carson Road	North	20	2065	316	295	27	735	35.6	18.4	22.7
		South	20	1876	298	268	30	337	18	15.9	20.6
		Two way	20	3941	614	563	53	1072	27.2	17.2	21.9
50	Chatsworth Way/ Idmiston Road	West	20	8483	1237	1210	116	5	0.1	9.2	12.8
		East	20	5572	779	795	63	10	0.2	9.4	13.0
		Two way	20	14055	2015	2008	164	15	0.1	9.3	12.9
51	Chestnut Road	East	20	210	37	30	3	0	0	9	11.8
		West	20	1211	213	173	43	6	0.5	6.8	10.1
		Two way	20	1421	250	203	45	6	0.4	7.1	10.7
61	Dalmore Road	North	20	7889	1261	1127	178	2299	29.1	18.7	21.4
		South	20	14985	2369	2141	226	7231	48.3	20	23.5
		Two way	20	22874	3630	3268	312	9530	41.7	19.5	22.8
62	Lancaster Avenue (East)	North	20	20039	2830	2863	184	2152	10.7	16.3	19.3
		South	20	33039	4953	4720	509	10095	30.6	18.3	21.9
		Two way	20	53078	7783	7583	653	12247	23.1	17.5	21.1
49	Lancaster Avenue (West)	East	20	10781	1559	1540	101	1579	14.7	16.5	19.9
		West	20	20370	3014	2910	230	568	2.8	11.1	14.4
		Two way	20	31151	4573	4450	321	2147	6.9	13.0	17.8

Data collected by Nationwide Data Collection https://nationwidedatacollection.co.uk using Automatic Traffic Counters (ATCs) – Monday 29th Nov – Sunday 5th Dec 2021

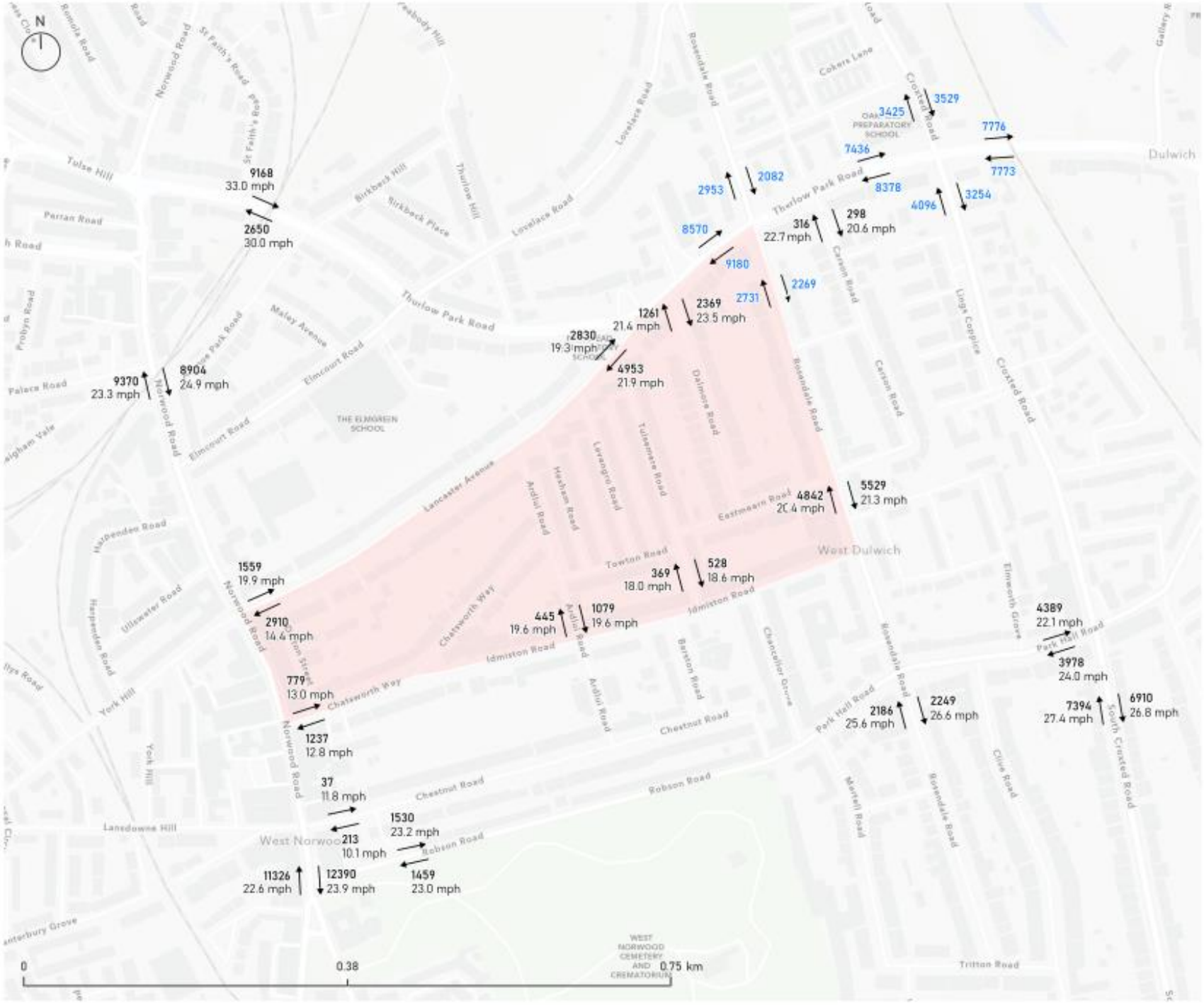
Site No.	Location.	Direction.	Speed Limit (mph)	Total Vehicles.	5 Day Ave.	7 Day Ave.	Peak Hour	No. > Speed Limit.	%. > Speed Limit.	Mean Speed	85%ile Speed
59	Park Hall Road	East	20	29965	4389	4281	296	8017	26.8	16.6	22.1
		West	20	26202	3978	3743	333	12733	48.6	20	24
		Two way	20	56167	8368	8024	629	20750	36.9	18.2	23.2
52	Robson Road	West	20	9755	1459	1393	116	3106	31.8	17.9	23
		East	20	10252	1530	1465	111	3231	31.5	18.1	23.2
		Two way	20	20007	2989	2858	215	6337	31.7	18	23.1
56	Rosendale Road (between Eastmearn & Idmiston)	North	20	31136	4842	4448	537	5406	17.4	16	20.4
		South	20	36061	5529	5152	559	7871	21.8	15.9	21.3
		Two way	20	67197	10371	9600	852	13277	19.8	16	20.9
57	Rosendale Road (between park hall & Myton)	North	20	13382	2186	1912	272	8150	60.9	21.3	25.6
		South	20	13543	2249	1935	265	8794	64.9	21.8	26.6
		Two way	20	26925	4435	3846	378	16944	62.9	21.6	26.1
85	Thurlow Park Road (West)	East	30	63980	9168	9140	974	20084	31.4	28.2	33
		West	30	17431	2650	2490	298	2314	13.3	24.4	30
		Combined	30	81411	11818	11630	1243	22398	27.5	27.4	32
55	Tulsemere Road	North	20	2384	369	341	52	98	4.1	15.4	18
		South	20	3435	528	491	52	209	6.1	15.8	18.6
		Two way	20	5819	897	831	86	307	5.3	15.7	18.4

Data collected by Nationwide Data Collection https://nationwidedatacollection.co.uk using Automatic Traffic Counters (ATCs) – Monday 29th Nov – Sunday 5th Dec 2021

TfL Guidance on cycling:

✓✓ The design of new cycle routes should only mix people cycling with motorised traffic where there are fewer than 500 motor vehicles per hour (vph – two-way) at peak times, and preferably fewer than 200vph.

Red cells in the 'peak hour' column show 200 or greater vehicles per hour (at peak time)



Traffic volumes and speeds visualised

Data collected by Nationwide Data Collection https://nationwidedatacollection.co.uk using Automatic Traffic Counters (ATCs) and survey cameras.

Monday 29th Nov – Sunday 5th Dec 2021

Traffic counts data provided by LB Lambeth. The data was collected through a survey company using automatic traffic counters (ATCs) and survey cameras between 29th November and 5th December 2021.

Esri Community Maps Contributors, Esri UK, Esri, HERE, Garmin, GeoTechnologies, Inc, METI/NASA, USGS

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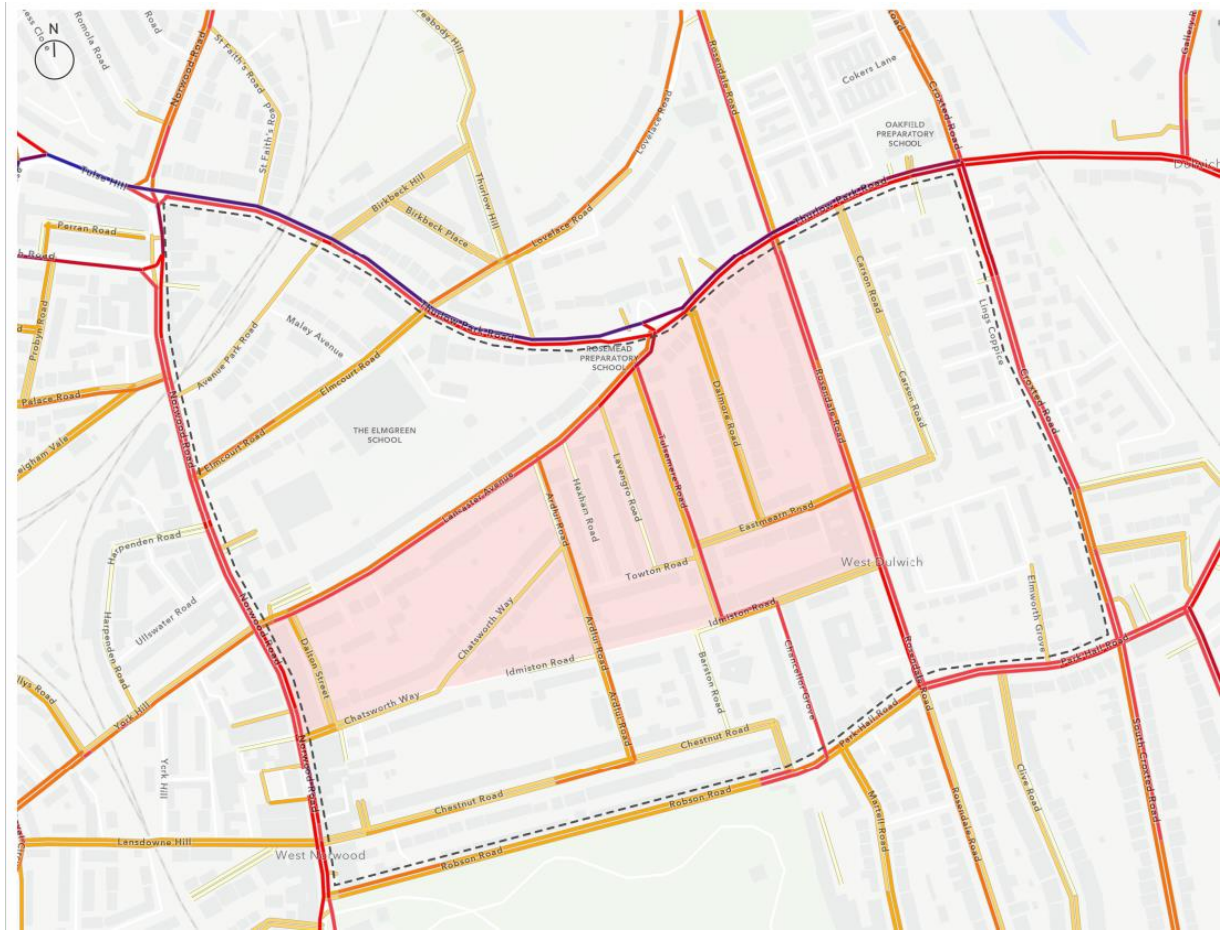
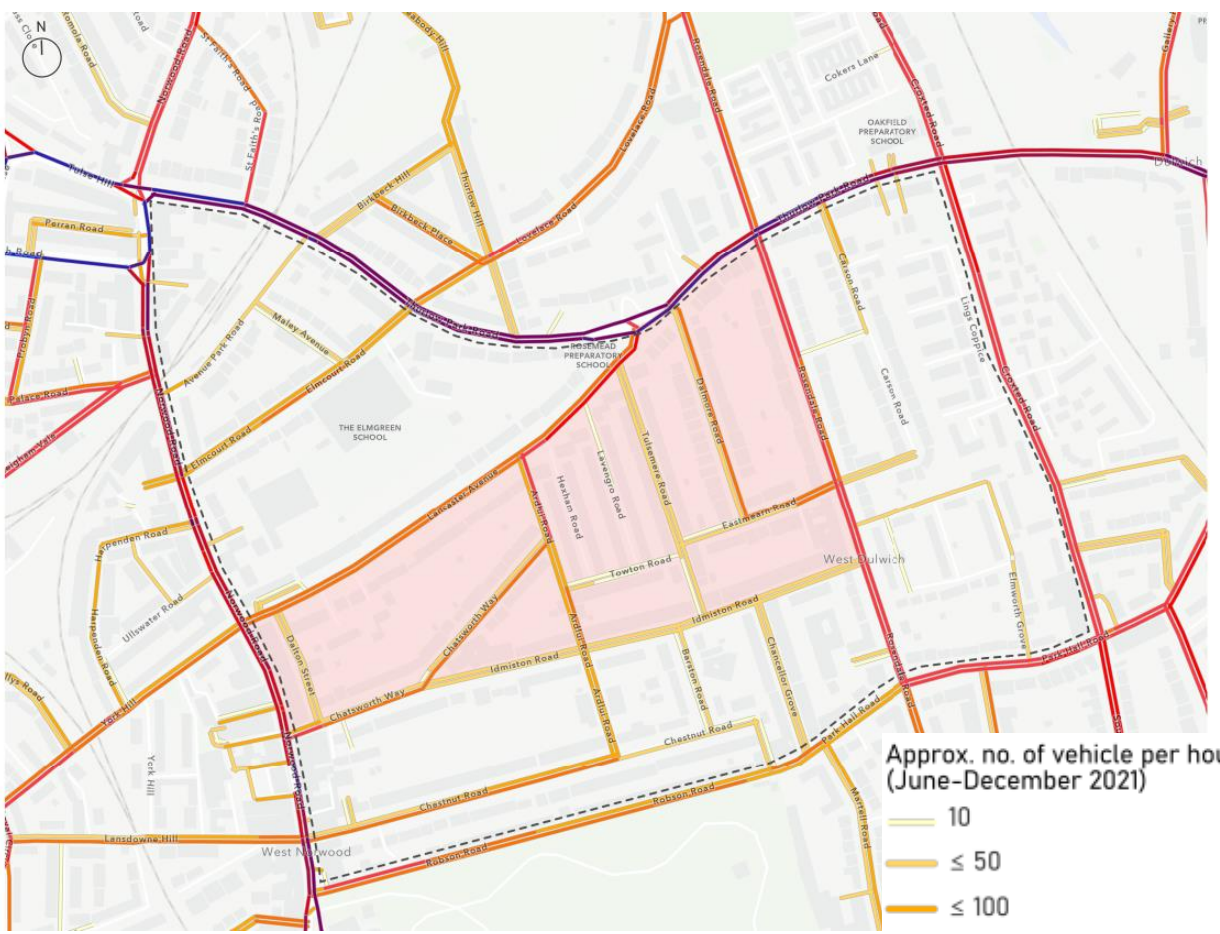
‘Telematics Data’ – Traffic flows





AM Peak (weekday)

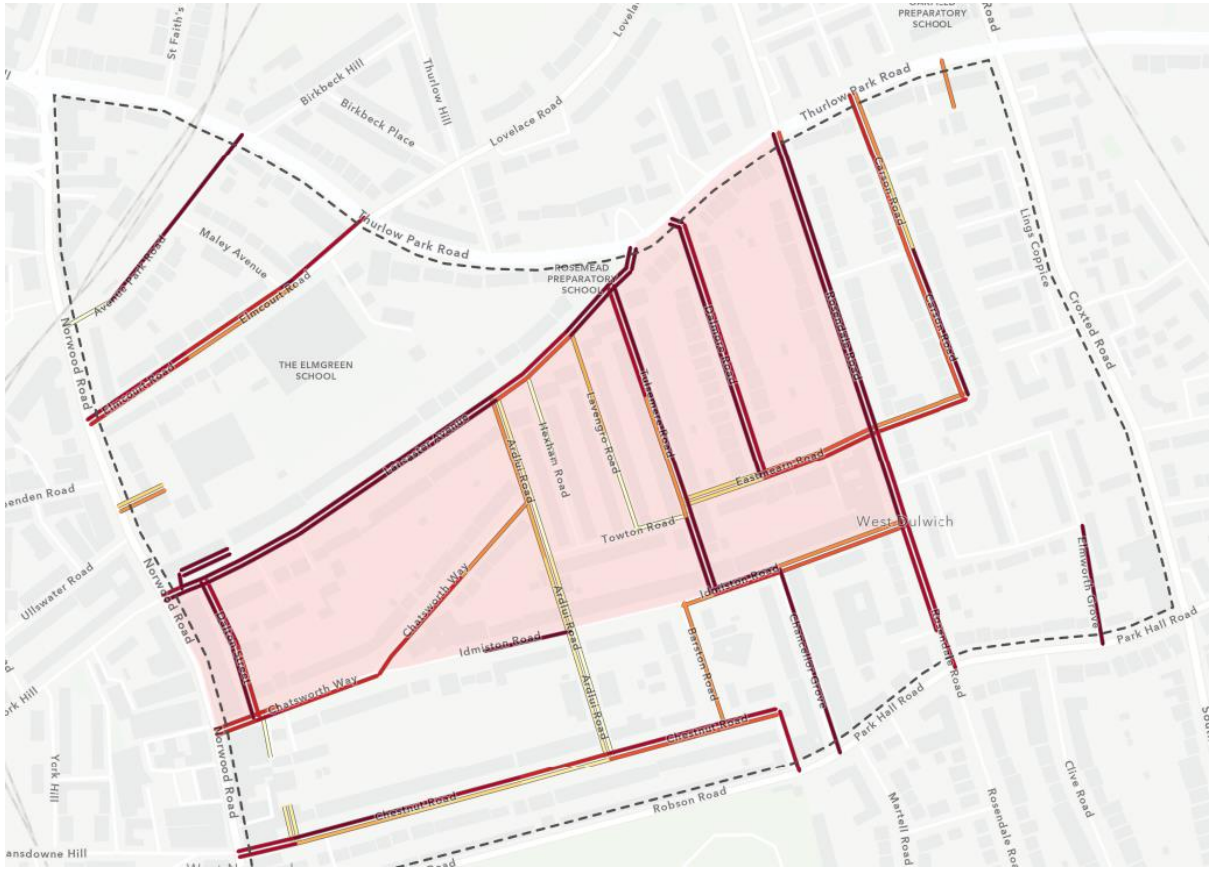
PM Peak (weekday)

Baseline data shows high traffic volumes (<600 vehicles per hour at AM and/or PM peak hour) on:

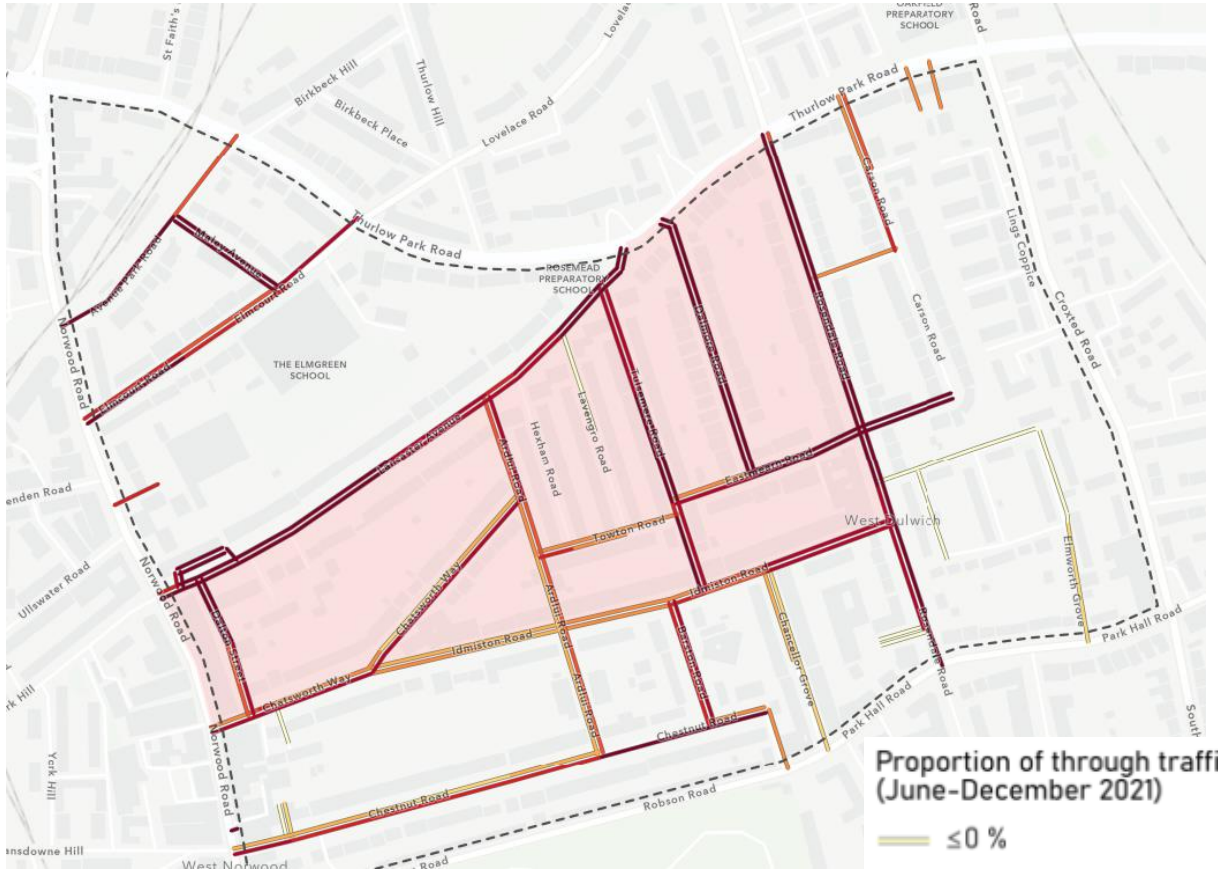
- Thurlow Park Road
- Croxted Road
- Park Hall Road
- Norwood Road
- Lancaster Avenue
- Rosendale Road
- Dalmore Road
- Tulsemere Road
- Eastmearn Road
- Ardlui Road
- Chatsworth Way

June – December 2021, The Floow, https://www.thefloow.com

Through Traffic



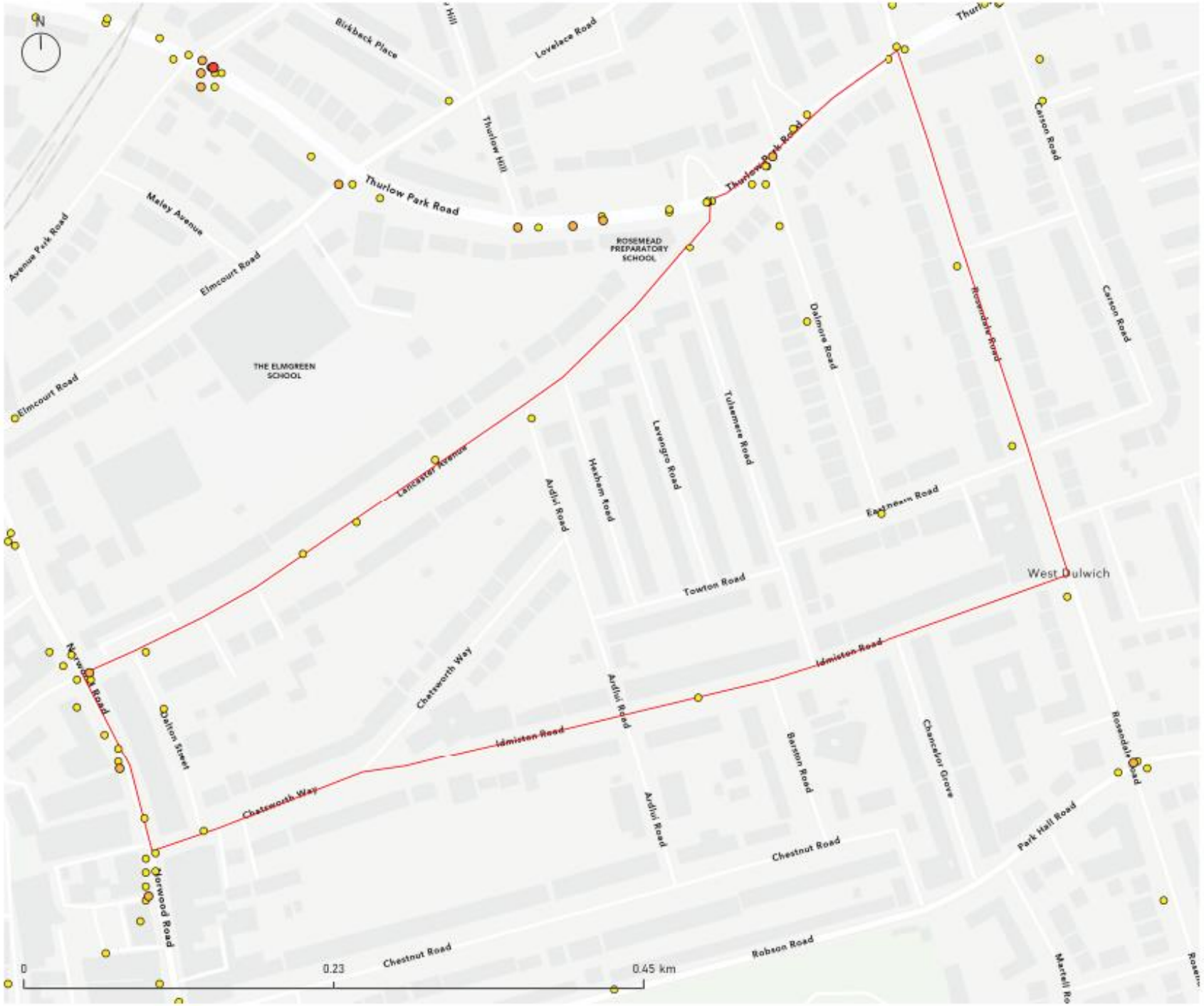
AM Peak (weekday)



PM Peak (weekday)

Baseline data shows high percentages of ‘through traffic’ at peak hours, i.e. motor vehicles travelling from and to destinations outside the project area via streets within the project area.

June – December 2021, The Floow, https://www.thefloow.com/



Collisions (all vehicles)

This map shows collisions recorded in the project area between April 2016 and March 2021.

Roads with the highest number of collisions are:

- Thurlow Park Road
- Norwood Road
- Lancaster Avenue

Collisions data obtained from Transport for London.
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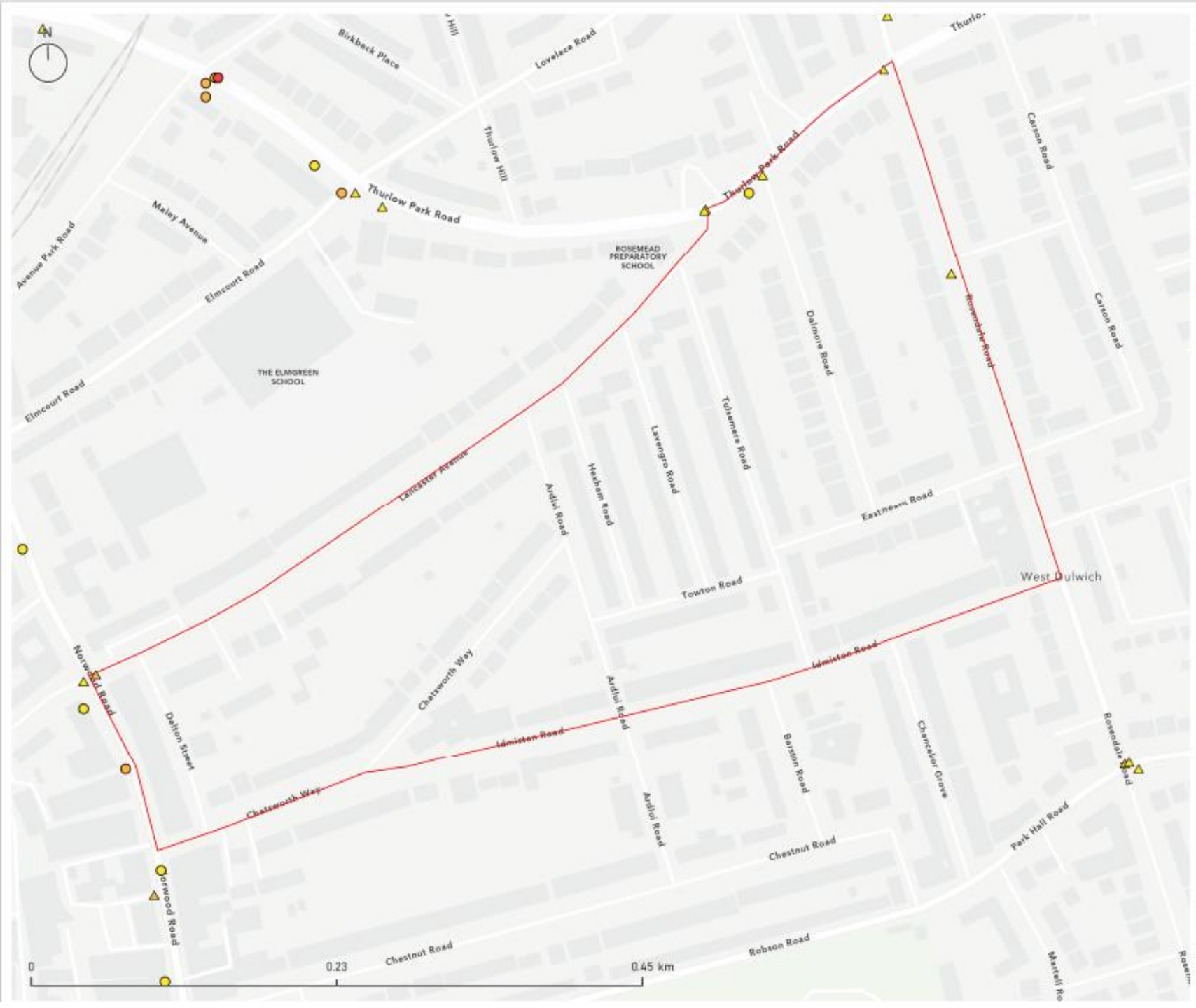

Collisions between motor vehicles and people walking or cycling

This map shows collisions between motor vehicles and people walking or cycling recorded in the project area, between April 2016 and March 2021.

Roads with the highest number of collisions are:

- Thurlow Park Road
- Norwood Road
- Rosendale Road

Collisions data obtained from Transport for London.
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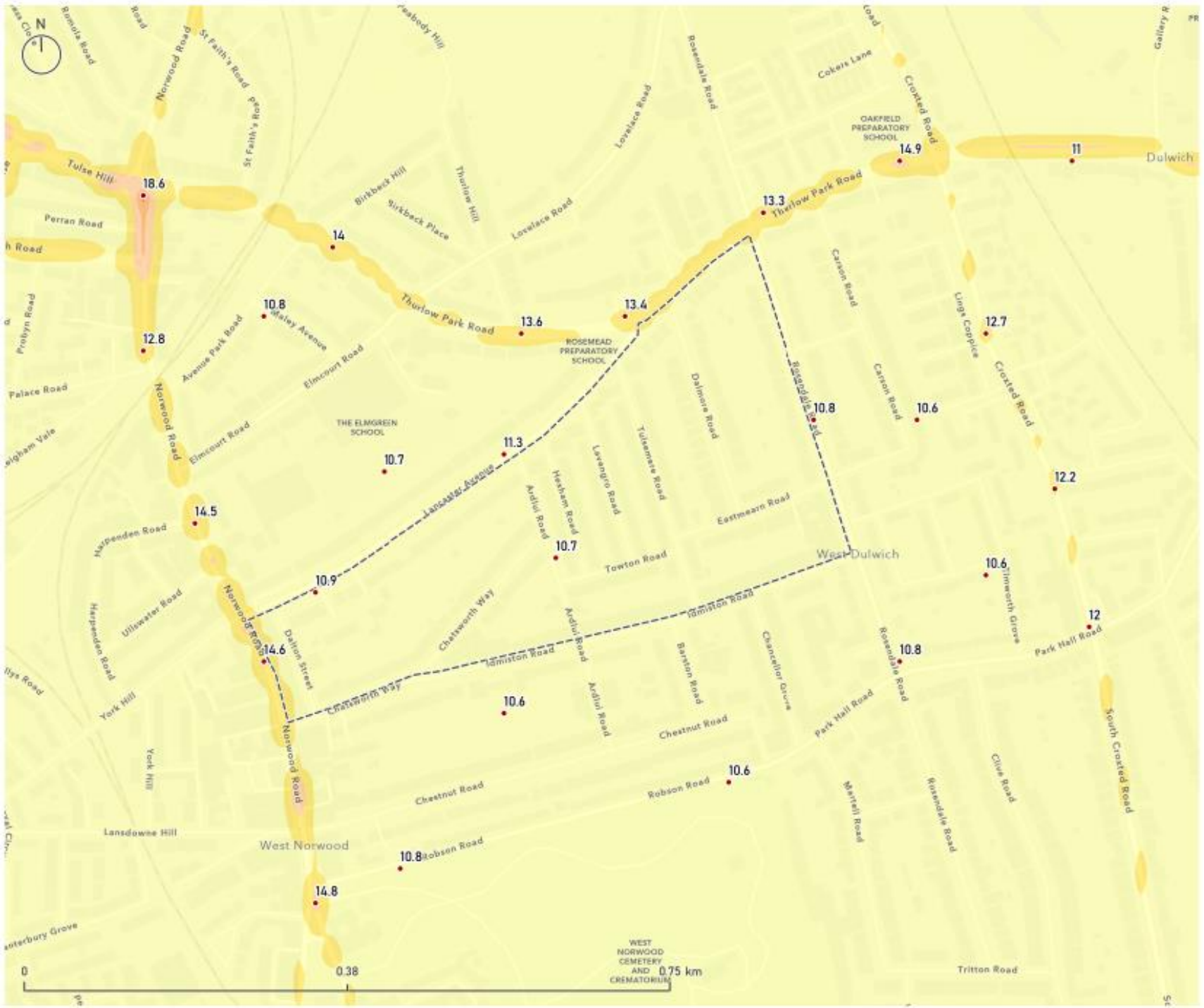

Air Quality PM2.5

Data from London Atmosphere Emission Inventory, showing modelled 2019 ground level concentrations

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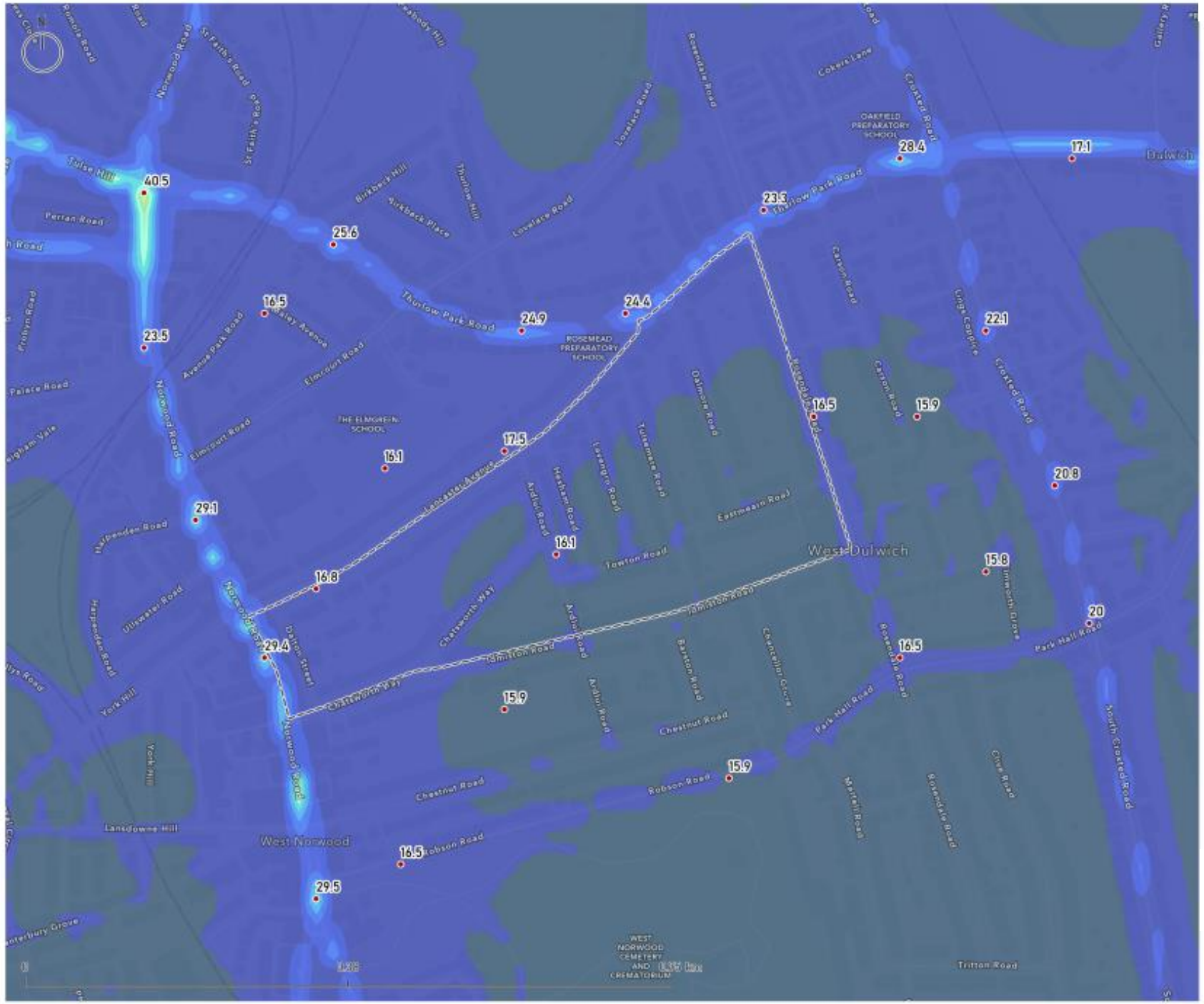

Air Quality (PM10)

Annual Mean PM10 Concentrations (2019)

µg/m3

- < 16
- 16 - 19
- 19 - 22
- 22 - 25
- 25 - 28
- 28 - 31
- 31 - 34
- 34 - 37
- 40 - 43

WHO 2021 Guideline Limit (15 µg/m3)

UK Legal Limit (40 µg/m3)

Project extents

Air Quality PM10

Data from London Atmosphere Emission Inventory, showing modelled 2019 ground level concentrations

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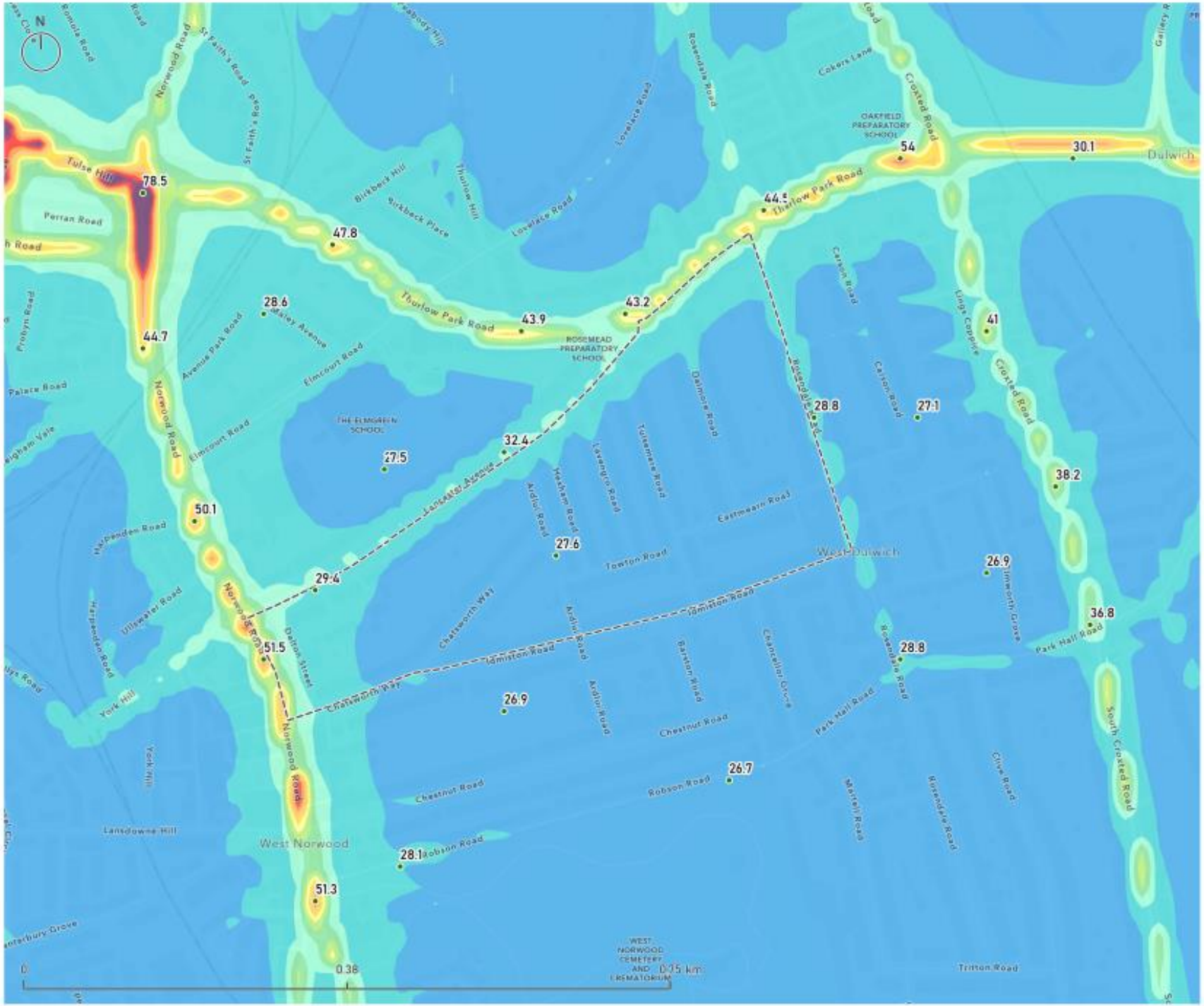

Air Quality NO2

Data from London Atmosphere Emission Inventory, showing modelled 2019 ground level concentrations

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