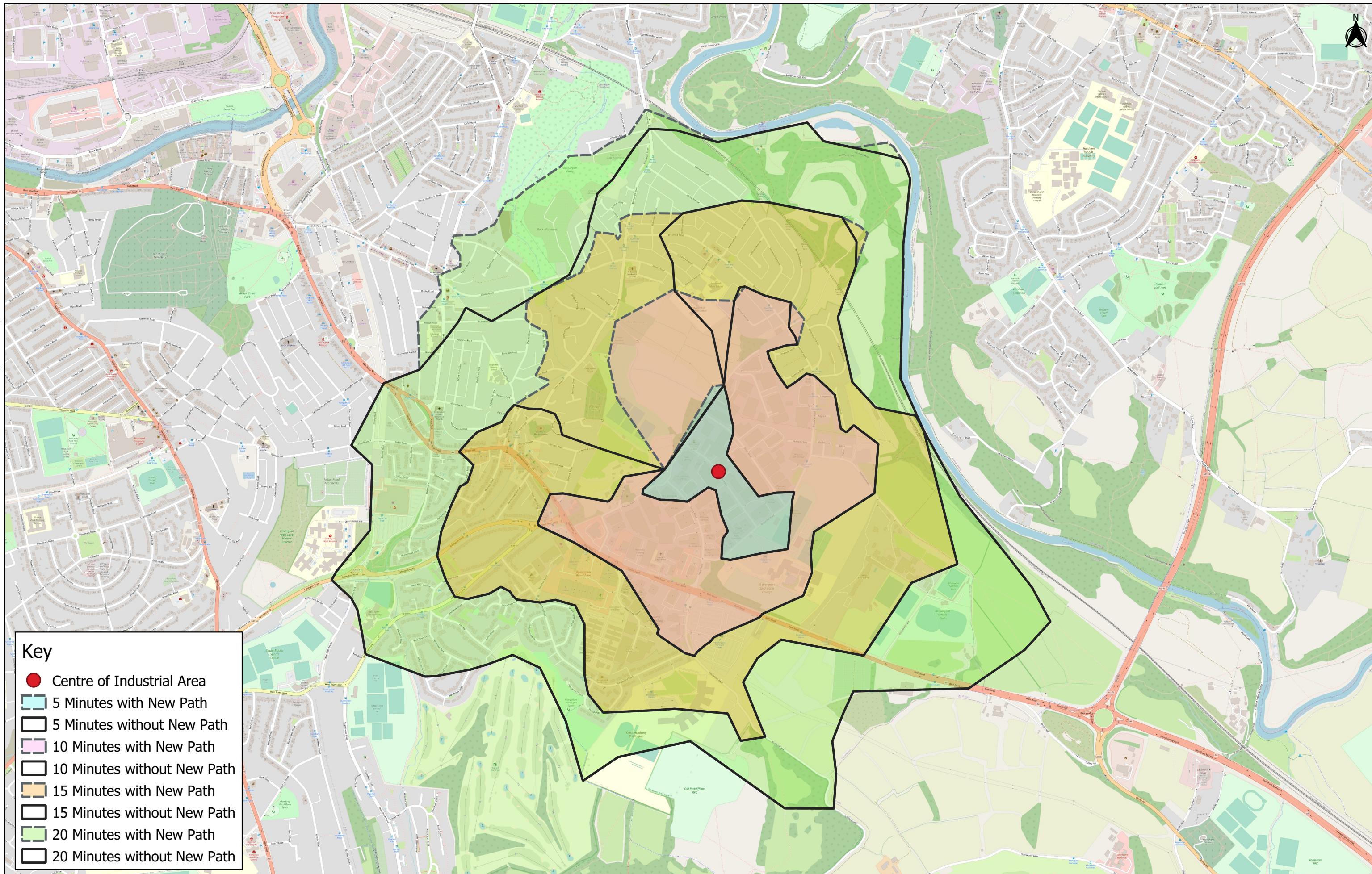


APPENDIX D

Isochrone Plot



Brislington Meadows
Walking Isochrone Map affected by
the New Path



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Bristol
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APPENDIX E

Traffic Surveys



ATC SUMMARY REPORT

PROJECT	24591 Broomhill Road, Brislington
LOCATION	24591-001 - Broomhill Road, Brislington
LOC. DESC.	Broomhill Road, Brislington
START DATE	Tue 04 Feb, 2020
END DATE	Mon 10 Feb, 2020
SPEED LIMIT	30mph
SURVEY TYPE	7-day ATC, 15min periods, 6 veh. classes

OVERVIEW

A 7-day automatic traffic count on Broomhill Road, Brislington, commencing Tue 04 Feb 2020, recorded a total of 63,364 vehicles. The posted speed limit of 30mph was exceeded by 15.7% of vehicles, and the seasonally adjusted, combined AADT value is 9,730 (see Equipment & Methodology below).

COMBINED

Total recorded volume	63,364
Avg daily volume (based on 7 days)	9,052.0
Average daily speed (7 days)	26.3mph
Average daily 85%ile (7 days)	30.3mph
AADT (annual average daily traffic)	9,730

Avg weekday volume (Mon-Fri, 24hrs)	10,355.2
Avg weekday speed (Mon-Fri, 24hrs)	25.8mph
Avg 12hr weekday volume (Mon-Fri, 0700-1900)	8,938.2
Avg 12hr weekday speed (Mon-Fri, 0700-1900)	25.3mph

The combined summary on the left shows the total volumes, average speeds, AADT and 85%iles recorded in both directions from all the recorded data. Speeding vehicles are defined as those travelling 31mph and above.

The summaries below provide directionalised details including speeding percentages and weekday daytime details.

NORTHBOUND ↑

Total recorded volume	34,374
Avg daily volume (based on 7 days)	4,910.6
Average daily speed (7 days)	25.9mph
Average daily 85%ile (7 days)	29.7mph
% of vehicles exceeding 30mph	12.7%

Avg weekday volume (Mon-Fri, 24hrs)	5,648.6
Avg weekday speed (Mon-Fri, 24hrs)	25.3mph
Avg 12hr weekday volume (Mon-Fri, 0700-1900)	4,849.8
Avg 12hr weekday speed (Mon-Fri, 0700-1900)	24.9mph
Avg 12hr weekday 85%ile (Mon-Fri, 0700-1900)	28.6mph

SOUTHBOUND ↓

Total recorded volume	28,990
Avg daily volume (based on 7 days)	4,141.4
Average daily speed (7 days)	26.8mph
Average daily 85%ile (7 days)	30.8mph
% of vehicles exceeding 30mph	18.8%

Avg weekday volume (Mon-Fri, 24hrs)	4,706.6
Avg weekday speed (Mon-Fri, 24hrs)	26.2mph
Avg 12hr weekday volume (Mon-Fri, 0700-1900)	4,088.4
Avg 12hr weekday speed (Mon-Fri, 0700-1900)	25.6mph
Avg 12hr weekday 85%ile (Mon-Fri, 0700-1900)	29.5mph

SITE LOCATION

SITE PLAN



Map © OpenStreetMap contributors

Location Broomhill Road, Brislington

Desc. Broomhill Road, Brislington

Lat, Ing. 51°26'16.29"N/ 2°32'0.07"W

Project & site 24951-001

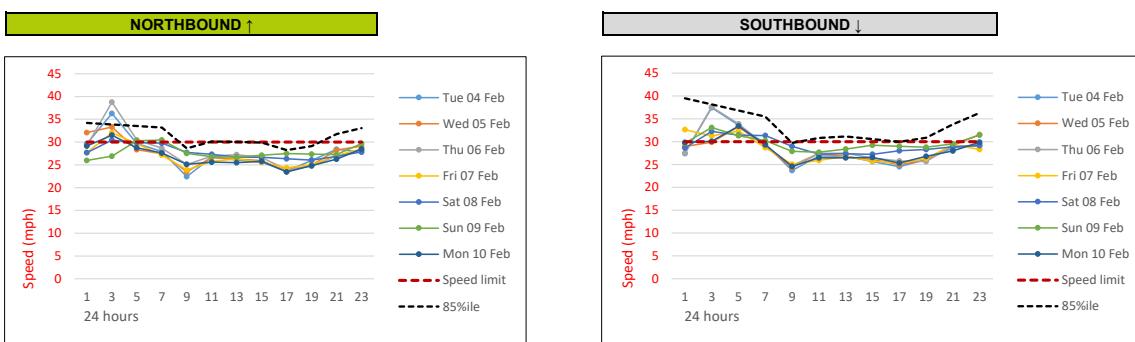
PSL 30mph

Bus route Yes

Direction 1 Northbound↑

Direction 2 Southbound↓

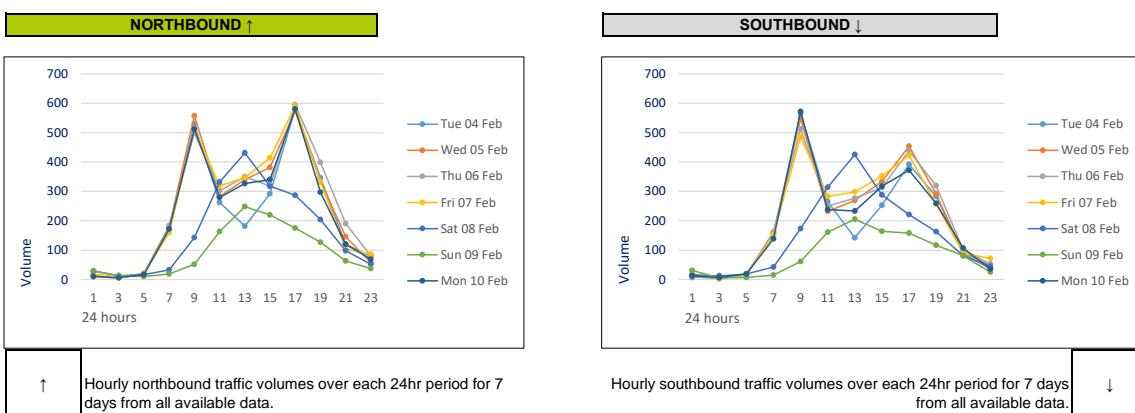
DAILY SPEEDS



Average daily speeds (solid thin colours) and 85%ile (dashed black) compared against 30mph posted speed limit (dashed red). The 85%ile is the speed at which 85% of all vehicles are observed to travel under free flowing conditions. A minimum of ten vehicles per speed bin is required for this calculation, hence the overnight low-volume 85%ile values may be zero.

The peak average northbound daytime speed was 31mph at 08:00 on Sun 09 Feb, whilst the peak average southbound speed was 31.6mph at 07:00 on Sun 09 Feb (based on 15min averages between 0700 & 1900).

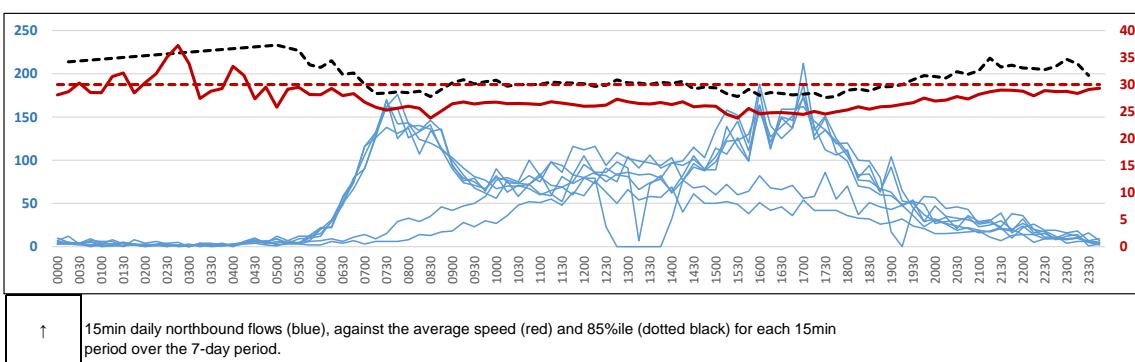
HOURLY VOLUMES



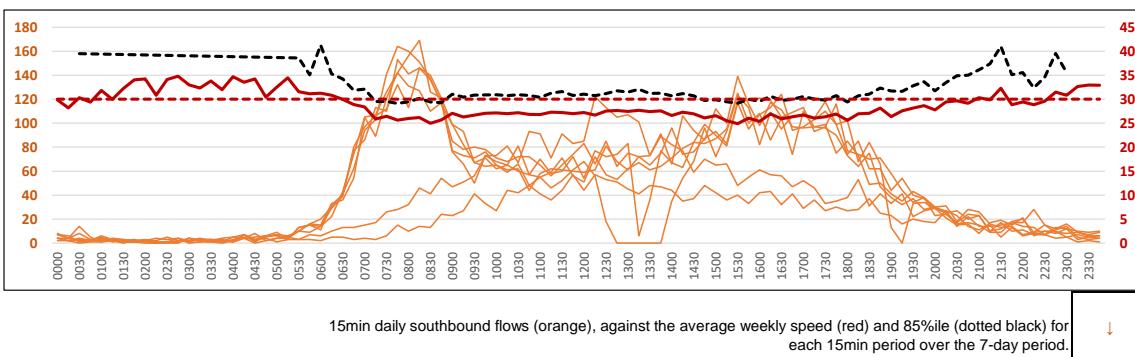
↑ Hourly northbound traffic volumes over each 24hr period for 7 days from all available data.

↓ Hourly southbound traffic volumes over each 24hr period for 7 days from all available data.

15min VOL & SPEED

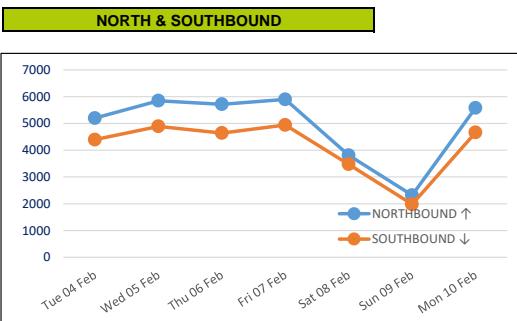


↑ 15min daily northbound flows (blue), against the average speed (red) and 85%ile (dotted black) for each 15min period over the 7-day period.



↓ 15min daily southbound flows (orange), against the average weekly speed (red) and 85%ile (dotted black) for each 15min period over the 7-day period.

DAILY VOLUMES



Total 24hr northbound (blue) and southbound (orange) traffic volumes over 7 consecutive days from all available data.

As can be expected, the lowest volumes were recorded on the Sunday, whilst the highest was on the Friday.

7-DAY AVERAGE CLASSES

NORTHBOUND 7-DAY AVG ↑

TIME	MOTOR CYCLES	CARS / LGV	OGV1	OGV2	PSV	TOTAL
0000	0.4	17.0	0.9	0.0	0.0	18.3
0100	0.4	11.3	0.3	0.1	0.0	12.1
0200	0.0	8.0	0.1	0.0	0.0	8.1
0300	0.0	7.1	0.3	0.0	0.0	7.4
0400	0.9	16.4	0.0	0.0	0.0	17.3
0500	0.3	23.1	1.7	0.1	0.0	25.3
0600	2.3	120.4	6.9	0.3	0.9	130.7
0700	3.0	378.4	14.7	1.9	0.0	398.0
0800	2.7	385.9	10.7	0.6	0.9	400.7
0900	2.0	255.9	10.4	0.1	1.6	270.0
1000	2.3	260.1	12.7	0.9	1.1	277.1
1100	3.4	276.7	11.0	0.4	1.7	293.3
1200	3.0	299.4	12.1	1.3	1.7	317.6
1300	3.1	259.1	7.7	0.9	0.9	271.7
1400	3.1	309.1	12.3	1.1	0.6	326.3
1500	4.6	389.0	12.7	1.3	0.6	408.1
1600	9.7	461.1	9.4	1.7	1.1	483.1
1700	9.7	450.0	6.1	1.7	0.4	468.0
1800	3.7	278.6	8.6	0.4	0.3	291.6
1900	1.1	172.7	4.0	0.1	0.6	178.6
2000	2.0	114.1	4.0	0.0	0.0	120.1
2100	2.1	82.0	3.4	0.3	0.0	87.9
2200	1.1	62.1	2.4	0.0	0.0	65.7
2300	0.4	30.9	2.1	0.0	0.0	33.4
12hr TTL	50.4	4003.4	128.6	12.3	10.9	4205.6
24hr TTL	61.6	4668.7	154.7	13.3	12.3	4910.6
1%	95%	3%	0%	0%		

SOUTHBOUND 7-DAY AVG ↓

TIME	MOTOR CYCLES	CARS / LGV	OGV1	OGV2	PSV	TOTAL
0000	0.1	15.0	0.4	0.1	0.0	15.7
0100	0.1	8.4	0.1	0.1	0.0	8.9
0200	0.1	6.1	0.3	0.0	0.0	6.6
0300	0.0	8.6	0.4	0.0	0.0	9.0
0400	0.0	14.4	1.1	0.0	0.0	15.6
0500	0.4	26.4	3.1	0.0	0.0	30.0
0600	4.0	108.0	4.4	0.7	0.4	117.6
0700	3.7	339.1	6.6	2.3	0.0	351.7
0800	6.0	403.7	5.4	1.4	0.0	416.6
0900	3.0	257.6	6.3	0.6	0.6	268.0
1000	3.3	237.9	6.6	0.9	0.4	249.0
1100	3.3	236.1	6.9	0.7	0.1	247.1
1200	3.0	254.9	5.1	0.7	0.4	264.1
1300	2.0	217.0	7.3	0.9	0.1	227.3
1400	2.1	275.6	9.7	0.7	0.4	288.6
1500	3.7	333.1	11.9	1.7	0.4	350.9
1600	4.9	336.7	8.1	1.1	0.3	351.1
1700	2.4	321.9	3.9	0.7	0.1	329.0
1800	1.4	237.9	1.7	0.6	0.0	241.6
1900	2.3	127.6	1.0	0.4	0.3	131.6
2000	1.4	88.7	0.9	0.3	0.0	91.3
2100	0.9	56.6	0.3	0.1	0.0	57.9
2200	0.4	44.1	0.1	0.1	0.0	44.9
2300	0.3	27.3	0.0	0.0	0.0	27.6
12hr TTL	38.9	3451.4	79.4	12.3	3.0	3585.0
24hr TTL	49.0	3982.7	91.7	14.3	3.7	4141.4
1%	96%	2%	0%	0%		

Average daily northbound and southbound volumes by class (condensed to the AQMA scheme), including 12hr totals for 0700-1900 and overall average percentages. Calculated from all available data over 7 days.

CYCLE PROVISION



The diagram compares total daily traffic flow (vertical axis) against the average daily 85%ile speed (horizontal axis) to demonstrate cyclist and vulnerable user considerations.

The guidelines are based on the Sustrans Design Manual (Apr 2014); Understanding User Needs, part 2.

Valid 85%iles are required to plot the graph.

METHODOLOGY

Equipment & methodology

Automatic traffic counts are undertaken using a pair of pneumatic tubes installed securely across the carriageway, one metre apart, recording air pulses to determine vehicle speed, class and volume. The ATC equipment generally remains in place for a consecutive seven day period, and the data analysed post-survey.

In queuing conditions, the accuracy of ATC recording equipment will reduce as follows:

- 20 – 30mph: potential reduction of 9% accuracy in volume values
- 10 – 20mph: potential reduction of 26% accuracy in volume values
- 00 – 10mph: potential reduction of 39% accuracy in volume values

These figures are based on multiple ATC results compared against accepted reference values from resilient manual counts.

AADTs are calculated using the seasonal COBA methodology; DMRB Vol. 13, Pt 4:

Weather & environmental

Inclement conditions during winter months or outbreaks of unseasonable weather may affect survey data collection. This can result in distorted traffic flows or unusable data and should be considered prior to survey approval. Although forecast checks are made prior to the survey commencing, A-T-R cannot be held responsible for the forecast accuracy.

CLASS	ABBREV.	DESCRIPTION	LENGTH	COBA
1	MC	Motorcycle	SHORT Up to 5.5m	N/A
2	SV	Cars, taxis, 4WD, vans		CAR & LGV
3	SVT	Class 2 plus trailer		
4	TB2	2 axle truck / bus	MEDIUM 5.5m to 14.5m	OGV1 & PSV
5	TB3	3 axle truck / bus		OGV1
6	T4	4 axle truck		
7	ART3	3 axle articulated		
8	ART4	4 axle articulated	LONG 11.5m to 19.0m	OGV2
9	ART5	5 axle articulated		
10	ART6	6+ axle articulated		

Equipment damage & failure

Although checked intermittently the equipment remains unmanned for much of the duration of the survey, and can potentially be interfered with, vandalised, damaged or stolen and A-T-R cannot be held responsible for any periods where data has not been captured.

The equipment is located in accordance with the details provided by the client and A-T-R cannot be held responsible for the accuracy of the data or loss of equipment due to theft and vandalism.

Roadworks & events

Where possible, roadworks checks are made 10 days before, and 48 hours before, the survey commences. Additionally, influencing major local events are also monitored, covering the immediate vicinity of the surveys and any routes likely to affect the outcome of the survey.

Vehicle classifications

Vehicles recorded by the ATC are placed into one of ten classes based on axle spacing and pattern. This scheme is based on the AustRoad 94 algorithm and modified for UK traffic, referred to as ARX. The table on the left aligns the ARX classifications with the COBA Chapter 8 (Vol 13, Sec 1) classifications.

Under adverse conditions the accuracy of ATC classifications will deteriorate and an appropriate link count should be used for validation.

Disclaimer

Although every attempt is made to achieve accuracy, A-T-R may not be held liable for errors of fact or interpretation.



Bristol, Tuesday 30th November 2021

Junction: 1

Approach: Birchwood Road

TIME	To Broomhill Road							To School Road								
	CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS	TOTAL
07:30 - 07:45	1	1	42	8	0	0	0	52	0	1	32	5	0	0	0	38
07:45 - 08:00	0	2	46	12	0	0	0	60	0	0	32	8	0	0	0	40
Hourly Total	1	3	88	20	0	0	0	112	0	1	64	13	0	0	0	78
08:00 - 08:15	0	0	59	15	0	0	0	74	1	0	25	8	0	0	1	35
08:15 - 08:30	0	1	61	26	1	0	0	89	2	2	43	4	0	1	0	52
08:30 - 08:45	0	3	74	8	1	0	0	86	0	1	40	11	0	0	0	52
08:45 - 09:00	0	1	37	5	0	0	0	43	0	2	42	4	1	0	0	49
Hourly Total	0	5	231	54	2	0	0	292	3	5	150	27	1	1	1	188
09:00 - 09:15	0	0	30	10	1	0	0	41	0	1	32	7	2	0	0	42
09:15 - 09:30	1	0	33	12	1	0	0	47	0	0	34	8	0	0	0	42
Hourly Total	1	0	63	22	2	0	0	88	0	1	66	15	2	0	0	84
TOTAL	2	8	382	96	4	0	0	492	3	7	280	55	3	1	1	350
16:30 - 16:45	0	1	50	14	0	0	0	65	0	1	32	13	0	0	0	46
16:45 - 17:00	0	1	47	11	1	0	0	60	0	1	37	5	0	0	0	43
Hourly Total	0	2	97	25	1	0	0	125	0	2	69	18	0	0	0	89
17:00 - 17:15	1	0	57	8	0	0	0	66	0	0	29	6	0	0	0	35
17:15 - 17:30	0	2	65	8	0	0	0	75	0	0	48	3	0	0	0	51
17:30 - 17:45	0	0	55	7	0	0	0	62	0	1	38	2	0	0	0	41
17:45 - 18:00	0	0	56	6	0	0	0	62	0	0	28	3	0	0	0	31
Hourly Total	1	2	233	29	0	0	0	265	0	1	143	14	0	0	0	158
18:00 - 18:15	0	0	52	7	0	0	0	59	0	0	50	4	0	0	0	54
18:15 - 18:30	0	1	57	6	0	0	0	64	0	0	36	1	0	0	0	37
Hourly Total	0	1	109	13	0	0	0	123	0	0	86	5	0	0	0	91
TOTAL	1	5	439	67	1	0	0	513	0	3	298	37	0	0	0	338



Bristol, Tuesday 30th November 2021

Junction: 1

Approach: Broomhill Road

Junction: 1

Approach: School Road

TIME	To Birchwood Road							To Broomhill Road							U-Turn								
	CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS
07:30 - 07:45	1	0	46	8	3	0	0	58	0	0	30	12	0	0	1	43	0	0	0	0	0	0	0
07:45 - 08:00	0	0	40	19	0	0	0	59	2	1	42	10	1	0	2	58	0	0	0	0	0	0	0
Hourly Total	1	0	86	27	3	0	0	117	2	1	72	22	1	0	3	101	0						
08:00 - 08:15	0	1	43	13	2	0	0	59	0	1	63	8	0	0	0	72	0	0	0	0	0	0	0
08:15 - 08:30	0	1	51	20	0	0	0	72	0	1	66	7	0	0	0	74	0	0	0	0	0	0	0
08:30 - 08:45	0	1	41	11	2	0	0	55	1	1	77	12	0	0	1	92	0	0	0	0	0	0	0
08:45 - 09:00	0	0	50	13	2	0	0	65	1	0	70	10	0	0	1	82	0	0	0	0	0	0	0
Hourly Total	0	3	185	57	6	0	0	251	2	3	276	37	0	0	2	320	0						
09:00 - 09:15	0	0	32	5	0	0	2	39	0	0	45	9	0	0	0	54	0	0	0	0	0	0	0
09:15 - 09:30	0	0	27	6	1	0	0	34	0	0	45	5	1	0	2	53	0	0	1	0	0	0	1
Hourly Total	0	0	59	11	1	0	2	73	0	0	90	14	1	0	2	107	0	0	1	0	0	0	1
TOTAL	1	3	330	95	10	0	2	441	4	4	438	73	2	0	7	528	0	0	1	0	0	0	1
16:30 - 16:45	0	0	49	2	0	0	1	52	0	1	57	16	1	0	1	76	0	0	1	0	0	0	1
16:45 - 17:00	0	0	47	5	0	0	0	52	0	1	54	12	0	1	2	70	0	0	0	0	0	0	0
Hourly Total	0	0	96	7	0	0	1	104	0	2	111	28	1	1	3	146	0	0	1	0	0	0	1
17:00 - 17:15	1	1	37	8	0	0	0	47	0	0	65	11	0	0	0	76	0	0	0	0	0	0	0
17:15 - 17:30	1	1	31	3	0	0	0	36	0	0	87	10	0	0	0	97	0	0	0	0	0	0	0
17:30 - 17:45	0	1	36	6	0	0	0	43	0	0	68	9	0	0	0	77	0	0	0	0	0	0	0
17:45 - 18:00	0	0	53	2	0	0	0	55	0	1	72	5	1	0	2	81	0	0	0	0	0	0	0
Hourly Total	2	3	157	19	0	0	0	181	0	1	292	35	1	0	2	331	0						
18:00 - 18:15	0	1	31	4	0	0	0	36	1	0	58	6	0	0	1	66	0	0	0	0	0	0	0
18:15 - 18:30	0	1	35	3	0	0	0	39	0	1	57	7	1	0	0	66	0	0	0	0	0	0	0
Hourly Total	0	2	66	7	0	0	0	75	1	1	115	13	1	0	1	132	0						
TOTAL	2	5	319	33	0	0	1	360	1	4	518	76	3	1	6	609	0	0	1	0	0	0	1

Bristol, Tuesday 30th November 2021

Junction: 2

Approach: School Road North

TIME	To Allison Road (E)							To School Road (S)							To Allison Road (W)									
	CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS	TOTAL
07:30 - 07:45	0	0	0	0	0	0	0	0	0	0	22	5	0	0	0	27	0	1	49	25	0	0	1	76
07:45 - 08:00	0	0	0	0	0	0	0	0	0	0	18	5	1	0	0	24	0	1	46	22	0	0	1	70
Hourly Total	0	0	0	0	0	0	0	0	0	0	40	10	1	0	0	51	0	2	95	47	0	0	2	146
08:00 - 08:15	0	0	0	0	0	0	0	0	0	0	20	7	0	0	0	27	2	0	52	12	1	0	2	69
08:15 - 08:30	0	0	0	0	0	0	0	0	1	1	33	7	0	1	1	44	1	1	34	13	2	0	1	52
08:30 - 08:45	0	0	0	0	0	0	0	0	0	1	27	7	0	0	0	35	2	0	46	14	0	0	2	64
08:45 - 09:00	0	0	0	0	0	0	0	0	0	2	36	4	1	0	0	43	0	0	50	11	0	0	1	62
Hourly Total	0	0	0	0	0	0	0	0	1	4	116	25	1	1	1	149	5	1	182	50	3	0	6	247
09:00 - 09:15	0	0	0	0	0	0	0	0	0	1	29	9	2	0	0	41	0	1	33	11	1	0	1	47
09:15 - 09:30	0	0	0	0	0	0	0	0	0	0	29	9	0	0	0	38	0	1	37	6	0	0	1	45
Hourly Total	0	0	0	0	0	0	0	0	0	1	58	18	2	0	0	79	0	2	70	17	1	0	2	92
TOTAL	0	0	0	0	0	0	0	0	1	5	214	53	4	1	1	279	5	5	347	114	4	0	10	485
16:30 - 16:45	0	0	0	0	0	0	0	0	0	0	39	10	0	0	0	49	0	4	54	8	0	0	1	67
16:45 - 17:00	0	0	0	0	0	0	0	0	0	0	38	3	1	0	0	42	0	2	52	8	0	0	0	62
Hourly Total	0	0	0	0	0	0	0	0	0	0	77	13	1	0	0	91	0	6	106	16	0	0	1	129
17:00 - 17:15	0	0	0	0	0	0	0	0	1	0	32	8	0	0	0	41	0	1	36	9	0	0	2	48
17:15 - 17:30	0	0	0	0	0	0	0	0	0	0	39	6	0	0	0	45	0	1	67	13	0	0	0	81
17:30 - 17:45	0	0	0	0	0	0	0	0	0	2	36	3	0	0	0	41	0	4	47	4	0	0	0	55
17:45 - 18:00	0	0	0	0	0	0	0	0	0	1	26	2	0	0	0	29	0	1	45	6	0	0	1	53
Hourly Total	0	0	0	0	0	0	0	0	1	3	133	19	0	0	0	156	0	7	195	32	0	0	3	237
18:00 - 18:15	0	0	0	0	0	0	0	0	0	0	46	5	0	0	1	52	0	1	41	6	0	0	1	49
18:15 - 18:30	0	0	0	0	0	0	0	0	0	0	38	1	0	0	0	39	0	0	37	1	0	0	1	39
Hourly Total	0	0	0	0	0	0	0	0	0	0	84	6	0	0	1	91	0	1	78	7	0	0	2	88
TOTAL	0	0	0	0	0	0	0	0	1	3	294	38	1	0	1	338	0	14	379	55	0	0	6	454

Junction: 2

Approach: Allison Road East

TIME	To School Road (S)							To Allison Road (W)							To School Road (N)									
	CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS	TOTAL
07:30 - 07:45	0	0	2	0	0	0	0	2	0	0	10	2	0	0	0	12	1	0	5	1	0	0	0	7
07:45 - 08:00	0	0	4	0	0	0	0	4	0	0	6	3	0	0	0	9	1	0	8	3	0	0	0	12
Hourly Total	0	0	6	0	0	0	0	6	0	0	16	5	0	0	0	21	2	0	13	4	0	0	0	19
08:00 - 08:15	0	0	6	1	0	0	0	7	2	0	7	1	0	0	0	10	0	0	11	2	1	0	0	14
08:15 - 08:30	0	0	3	1	0	0	0	4	0	0	4	3	1	0	0	8	0	0	6	0	0	0	0	6
08:30 - 08:45	0	0	6	0	0	0	0	6	0	0	10	2	0	0	0	12	0	0	7	1	1	0	0	9
08:45 - 09:00	0	0	16	0	0	0	0	16	0	1	26	1	0	0	0	28	0	0	19	2	0	0	0	21
Hourly Total	0	0	31	2	0	0	0	33	2	1	47	7	1	0	0	58	0	0	43	5	2	0	0	50
09:00 - 09:15	0	0	4	1	0	0	0	5	0	0	3	1	0	0	0	4	0	0	3	0	0	0	0	3
09:15 - 09:30	0	0	2	0	0	0	0	2	0	0	5	0	0	0	0	5	0	0	6	1	0	0	0	7
Hourly Total	0	0	6	1	0	0	0	7	0	0	8	1	0	0	0	9	0	0	9	1	0	0	0	10
TOTAL	0	0	43	3	0	0	0	46	2	1	71	13	1	0	0	88	2	0	65	10	2	0	0	79
16:30 - 16:45	0	0	4	2	0	0	0	6	0	0	7	0	0	0	0	7	0	0	3	1	0	0	0	4
16:45 - 17:00	0	0	4	0	0	0	0	4	0	0	4	2	0	0	0	6	0	0	4	1	0	1	0	6
Hourly Total	0	0	8	2	0	0	0	10	0	0	11	2	0	0	0	13	0	0	7	2	0	1	0	10
17:00 - 17:15	0	0	7	1	0	0	0	8	2	0	10	1	0	0	0	13	0	0	7	0	0	0	0	7
17:15 - 17:30	0	0	8	0	0	0	0	8	0	0	19	3	0	0	0	22	0	0	6	2	0	0	0	8
17:30 - 17:45	0	0	7	0	0	0	0	7	0	0	12	0	0	0	0	12	0	0	7	1	0	0	0	8
17:45 - 18:00	0	0	8	1	0	0	0	9	0	0	4	1	0	0	0	5	0	0	3	1	0	0	0	4
Hourly Total	0	0	30	2	0	0	0	32	2	0	45	5	0	0	0	52	0	0	23	4	0	0	0	27
18:00 - 18:15	0	0	8	1	0	0	0	9	0	0	12	1	0	0	0	13	0	0	5	2	0	0	0	7
18:15 - 18:30	0	0	3	1	0	0	0	4	0	0	5	0	0	0	0	5	0	0	3	0	0	0	0	3
Hourly Total	0	0	11	2	0	0	0	13	0	0	17	1	0	0	0	18	0	0	8	2	0	0	0	10
TOTAL	0	0	49	6	0	0	0	55	2	0	73	8	0	0	0	83	0	0	38	8	0	1	0	47



Bristol, Tuesday 30th November 2021

Junction: 2

Approach: School Road South

Junction: 2

Approach: Allison Road West

TIME	To School Road (N)							To Allison Road (E)							To School Road (S)													
	CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS	TOTAL	CYCLE	M/CYCLE	CAR	LGV	OGV1	OGV2	BUS	TOTAL				
07:30 - 07:45	0	0	30	7	0	0	0	37	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	4			
07:45 - 08:00	2	0	38	9	0	0	2	51	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6			
Hourly Total	2	0	68	16	0	0	2	88	0	0	0	0	9	1	0	0	0	0	10									
08:00 - 08:15	0	1	55	6	0	0	0	62	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	6			
08:15 - 08:30	0	1	57	8	0	0	0	66	0	0	0	0	0	0	0	0	0	0	7	1	0	0	0	0	8			
08:30 - 08:45	2	0	63	5	0	0	1	71	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3			
08:45 - 09:00	0	0	51	11	1	0	1	64	0	0	0	0	0	0	0	0	0	1	9	0	0	0	0	0	10			
Hourly Total	2	2	226	30	1	0	2	263	0	0	0	1	23	3	0	0	0	27										
09:00 - 09:15	0	0	41	9	0	0	0	50	0	0	0	0	0	0	0	0	0	1	5	2	0	0	0	0	8			
09:15 - 09:30	0	0	36	4	1	0	2	43	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2			
Hourly Total	0	0	77	13	1	0	2	93	0	0	0	2	6	2	0	0	0	10										
TOTAL	4	2	371	59	2	0	6	444	0	0	0	3	38	6	0	0	0	47										
16:30 - 16:45	0	1	57	10	1	0	1	70	0	0	0	0	0	0	0	0	0	1	4	1	0	0	0	0	6			
16:45 - 17:00	0	1	53	11	0	0	2	67	0	0	0	0	0	0	0	0	0	1	6	2	0	0	0	0	9			
Hourly Total	0	2	110	21	1	0	3	137	0	0	0	2	10	3	0	0	0	15										
17:00 - 17:15	0	0	61	11	0	0	0	72	0	0	0	0	0	0	0	0	0	0	5	2	0	0	0	0	7			
17:15 - 17:30	1	0	76	5	0	0	0	82	0	0	0	0	0	0	0	0	0	1	9	1	0	0	0	0	11			
17:30 - 17:45	0	0	52	9	0	0	1	62	0	0	0	0	0	0	0	0	0	0	10	1	0	0	0	0	11			
17:45 - 18:00	0	1	76	4	1	0	1	83	0	0	0	0	0	0	0	0	0	0	10	1	0	0	0	0	11			
Hourly Total	1	1	265	29	1	0	2	299	0	0	0	1	34	5	0	0	0	40										
18:00 - 18:15	1	0	51	5	0	0	1	58	1	0	0	0	0	0	0	1	0	0	9	1	0	0	0	0	10			
18:15 - 18:30	0	0	54	3	1	0	0	58	0	0	0	0	0	0	0	0	0	0	7	4	0	0	0	0	11			
Hourly Total	1	0	105	8	1	0	1	116	1	0	0	0	0	0	0	0	1	0	0	16	5	0	0	0	21			
TOTAL	2	3	480	58	3	0	6	552	1	0	0	0	0	0	0	0	1	0	3	60	13	0	0	0	76			

APPENDIX F
Proposed Traffic Calming Broomhall Road



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REV	DR	CH	PA	DATE

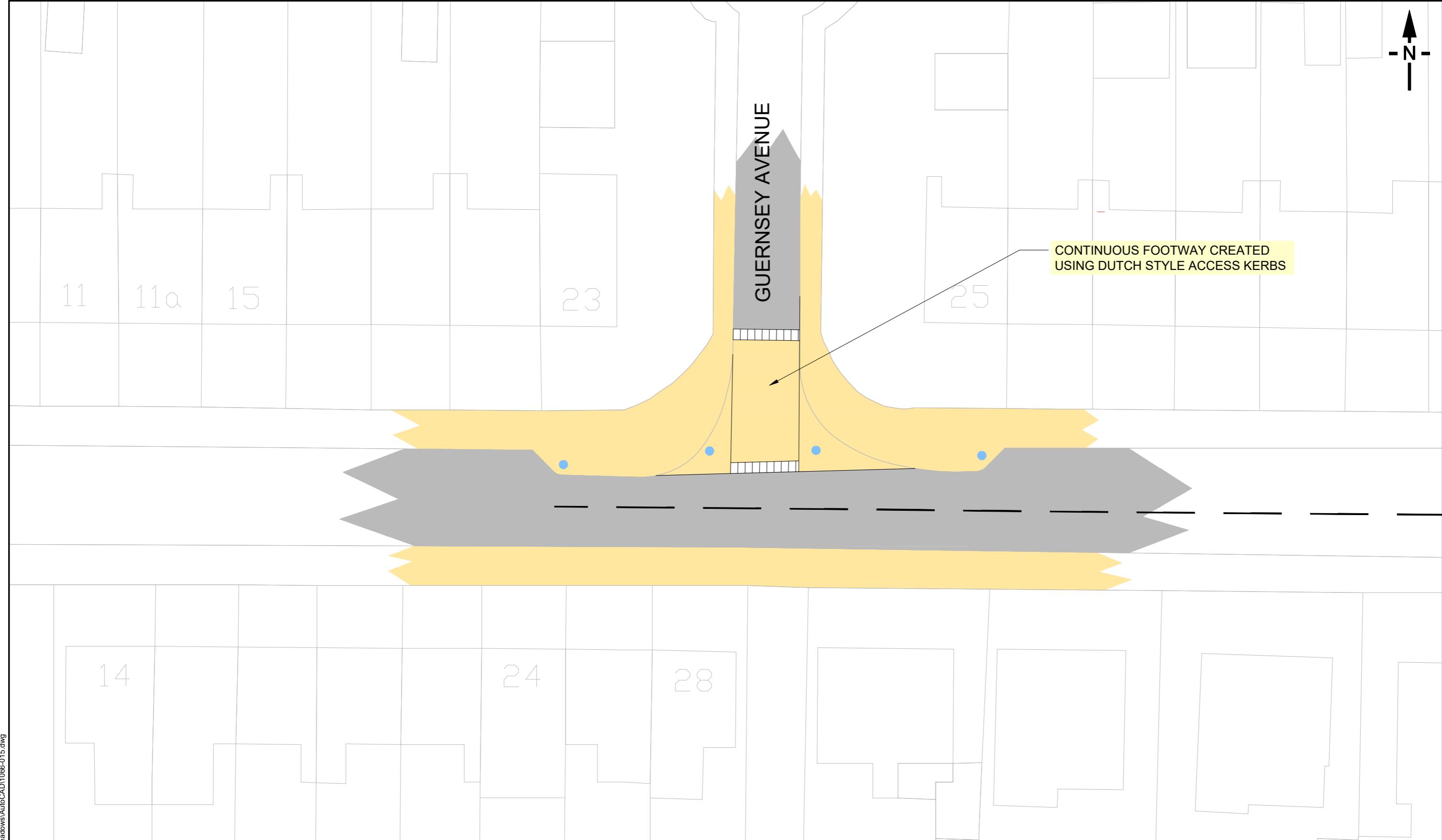
BRISLINGTON MEADOWS

PROPOSED TRAFFIC CALMING ON
BROOMHILL ROAD
SHEET 1 OF 9

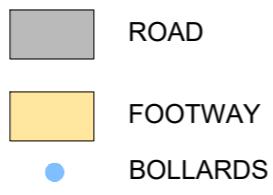
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VB	DRT	DRT	FEB 22	1:2500@A3	PRELIMINARY	1066-015	



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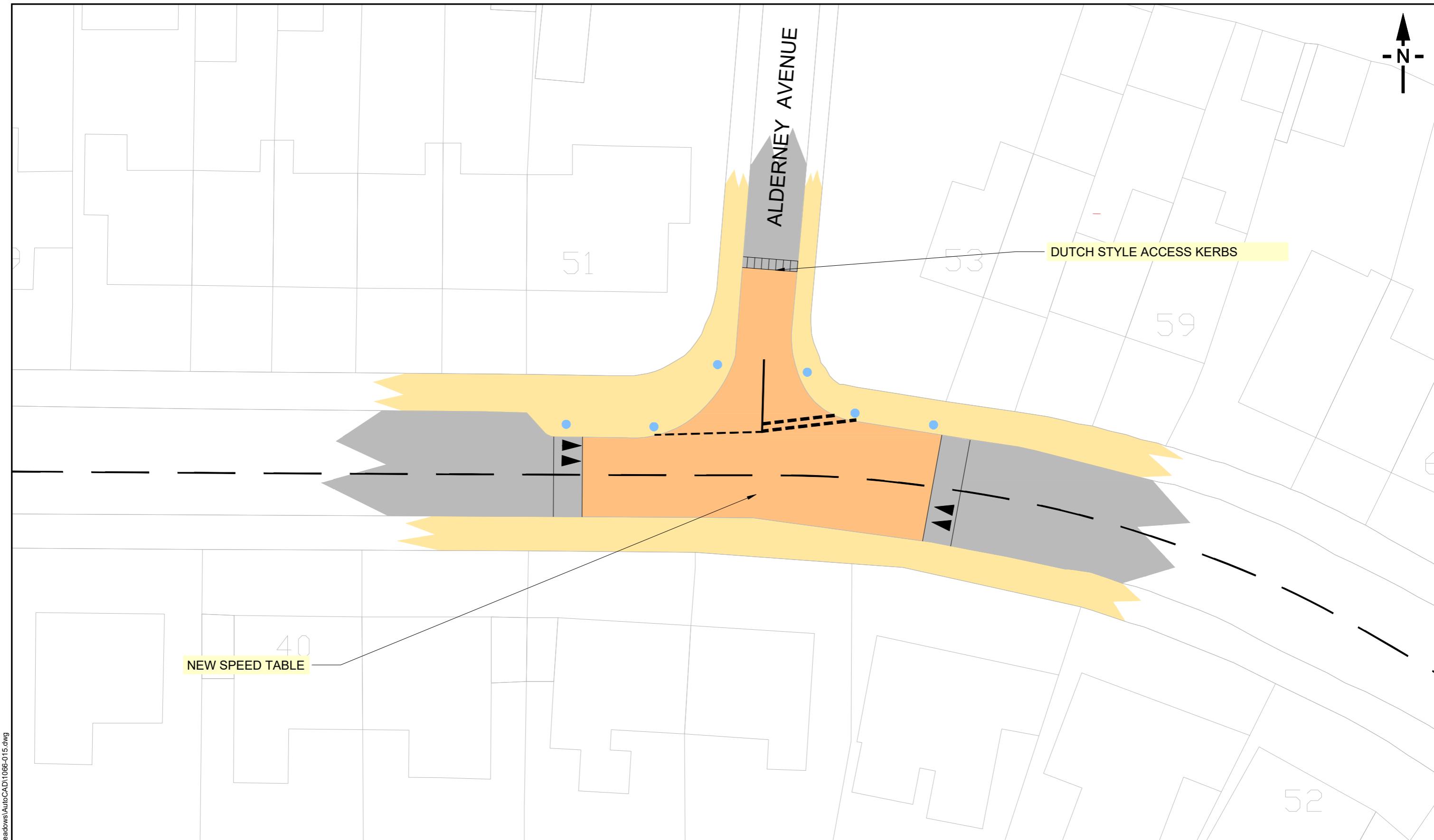
BRISLINGTON MEADOWS

PROPOSED TRAFFIC CALMING ON BROOMHILL ROAD SHEET 2 OF 9

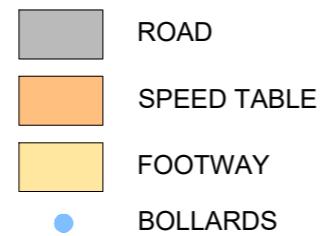
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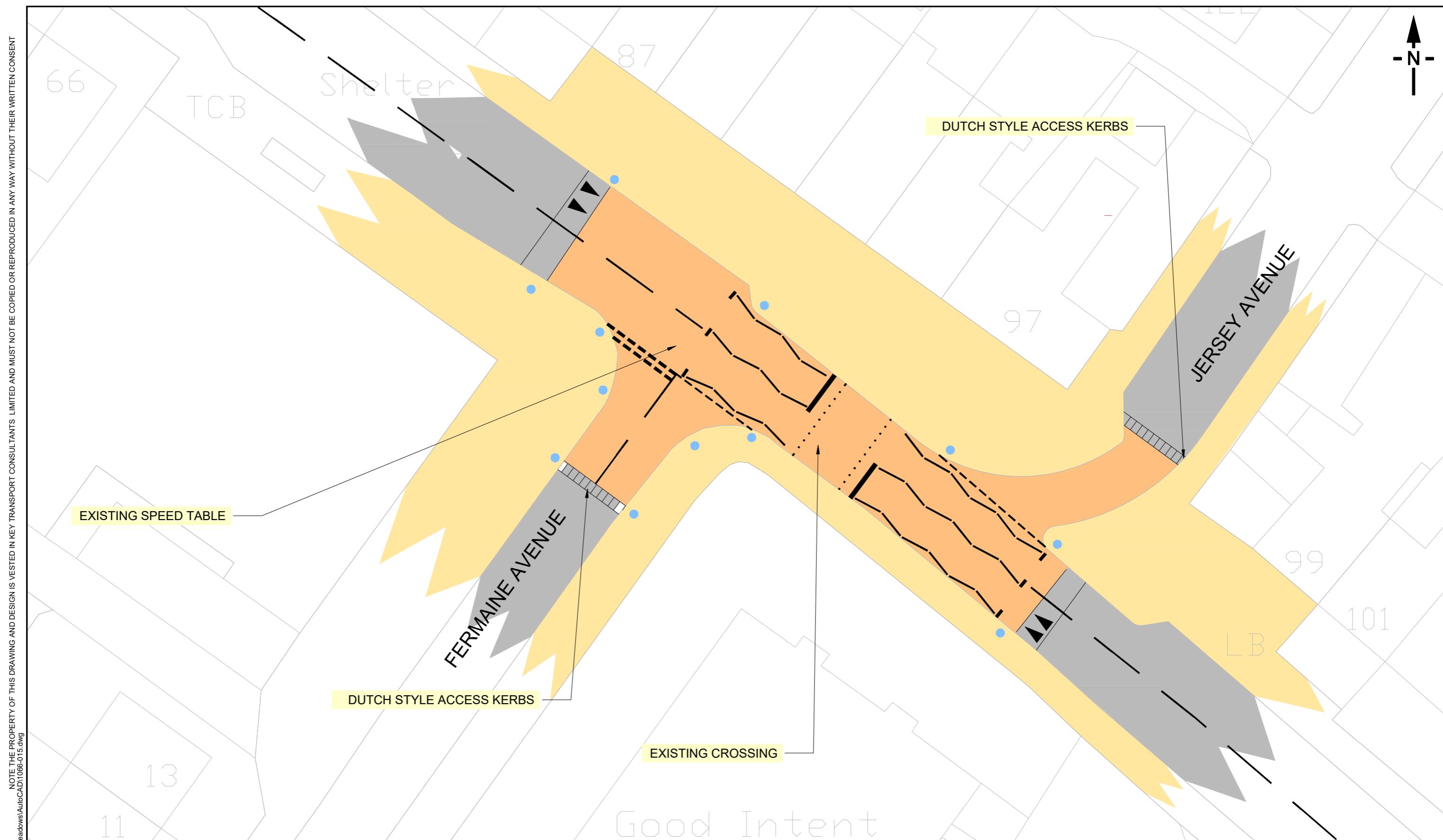
BRISLINGTON MEADOWS

PROPOSED TRAFFIC CALMING ON BROOMHILL ROAD SHEET 3 OF 9

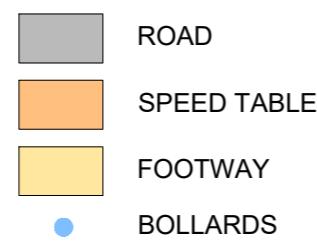
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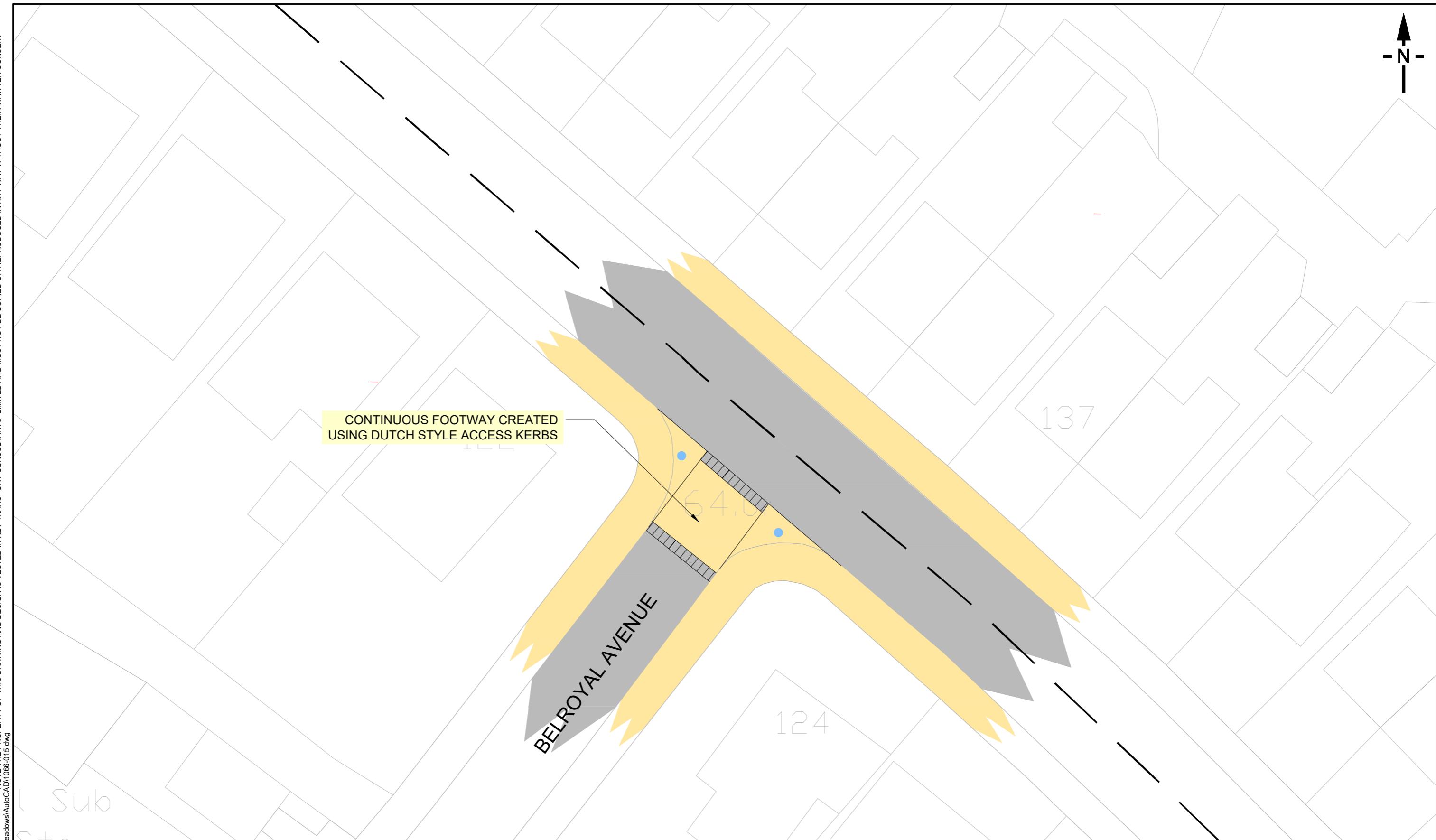
BRISLINGTON MEADOWS

PROPOSED TRAFFIC CALMING ON
BROOMHILL ROAD
SHEET 4 OF 9

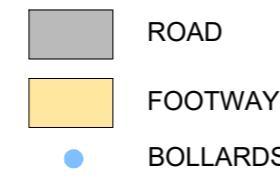
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REV	DR	CH	PA	DATE

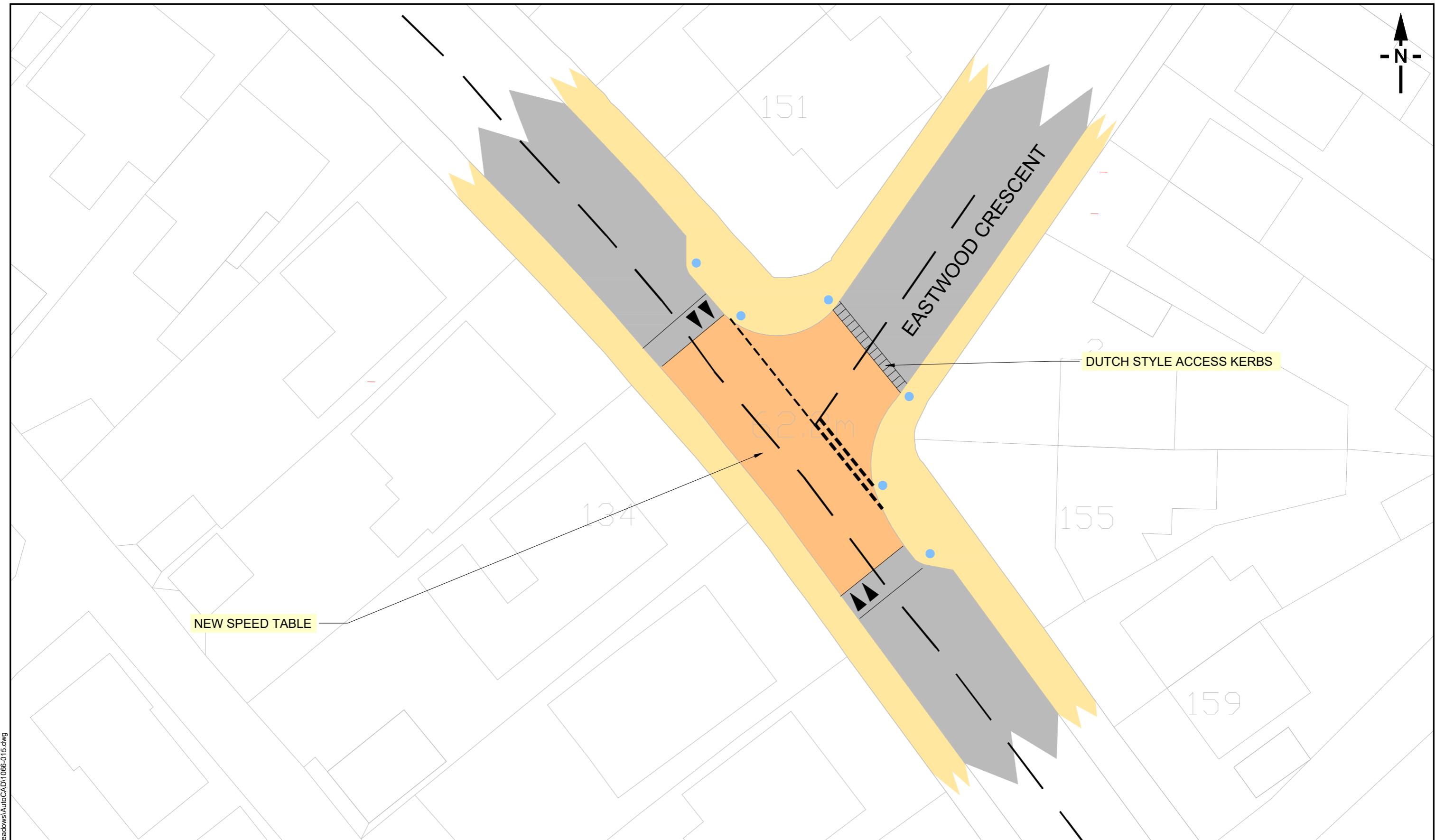
BRISLINGTON MEADOWS

PROPOSED TRAFFIC CALMING ON BROOMHILL ROAD SHEET 5 OF 9

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- ROAD
- SPEED TABLE
- FOOTWAY
- BOLLARDS

REV	DR	CH	PA	DATE

BRISLINGTON MEADOWS

PROPOSED TRAFFIC CALMING ON
BROOMHILL ROAD
SHEET 6 OF 9

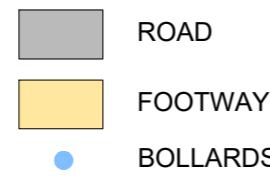
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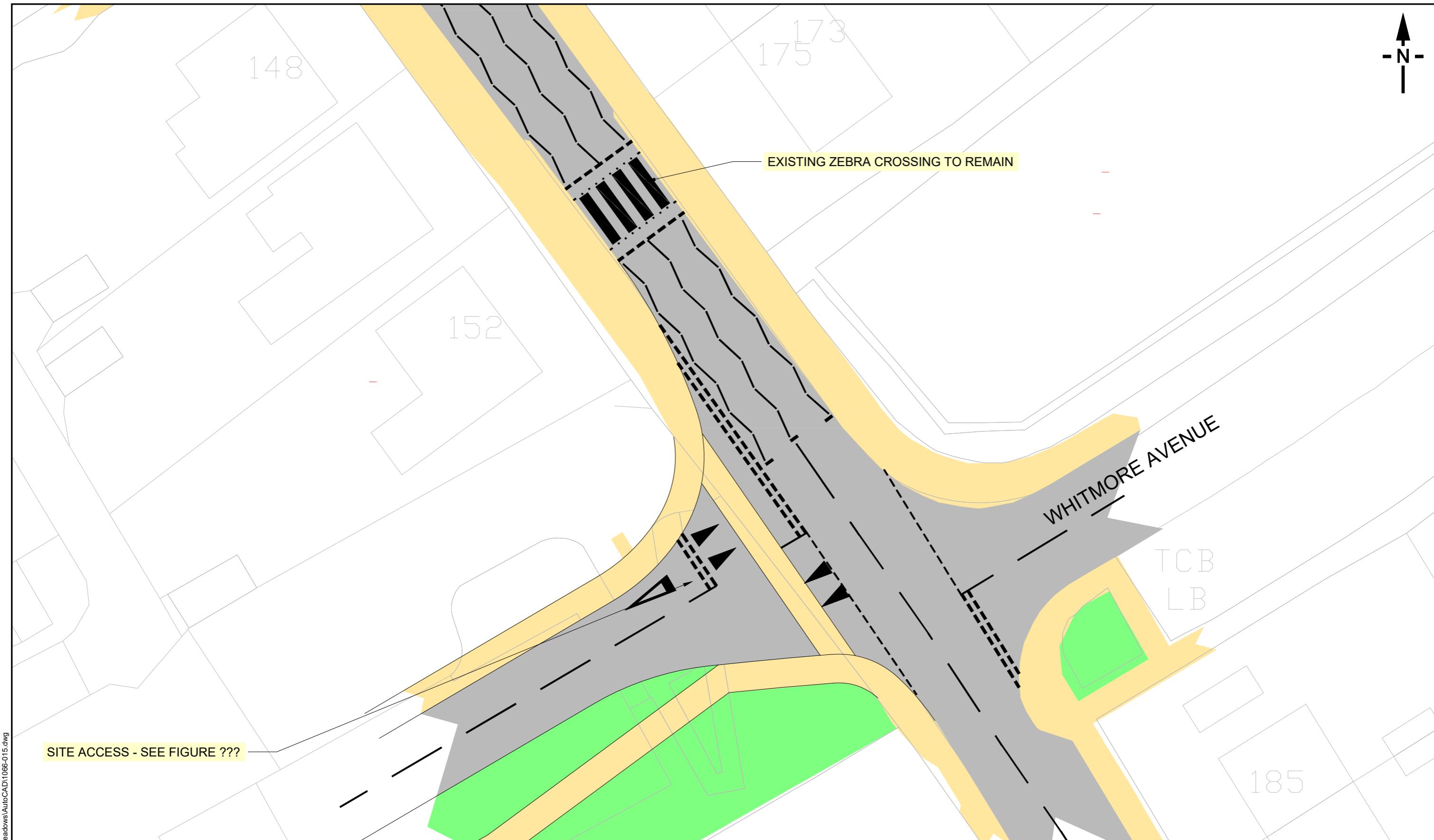
BRISLINGTON MEADOWS

PROPOSED TRAFFIC CALMING ON BROOMHILL ROAD SHEET 7 OF 9

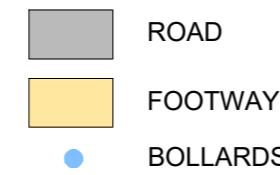
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VB	DRT	DRT	FEB 22	1:250@A3	PRELIMINARY	1066-015-07	



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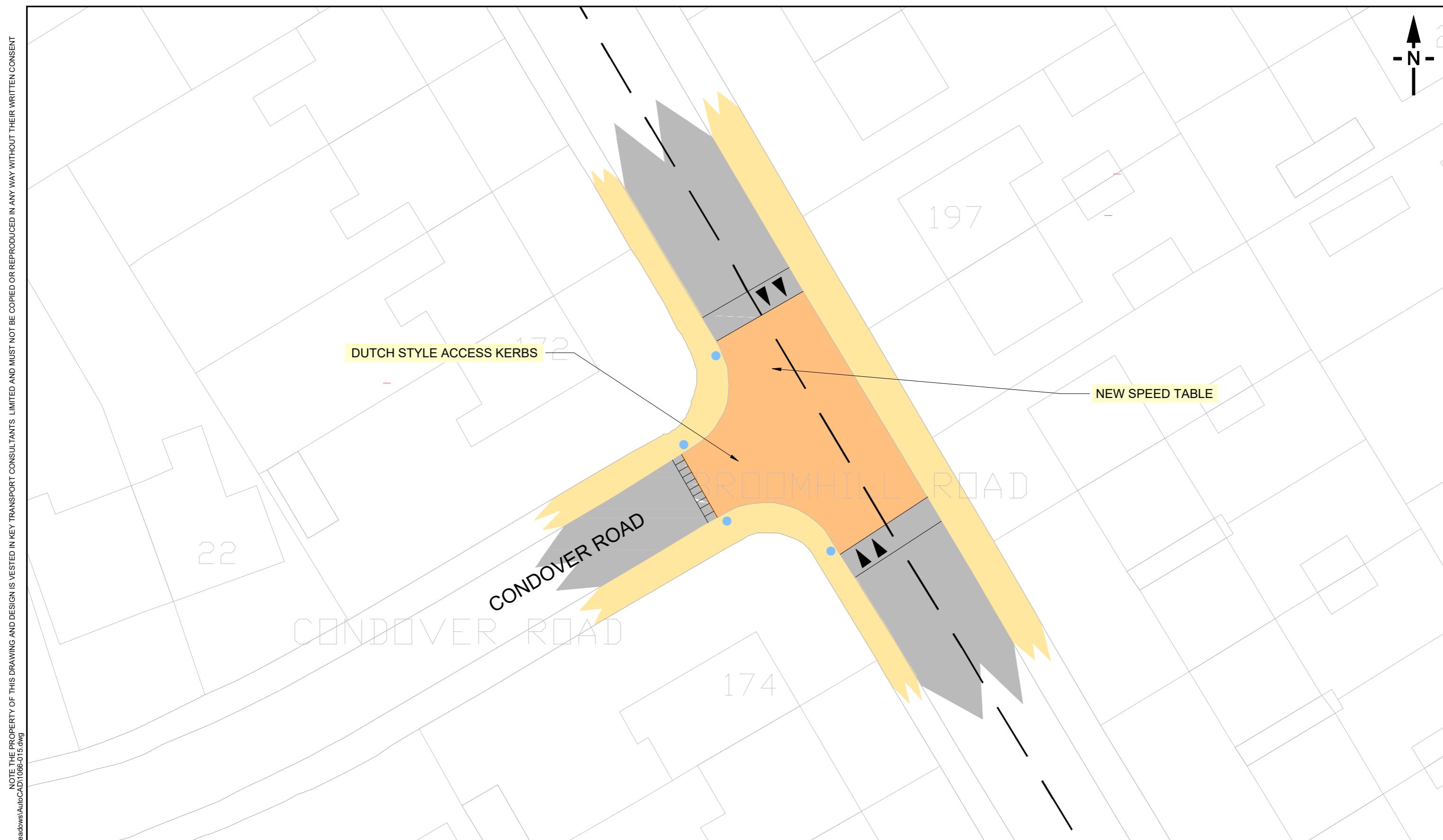
BRISLINGTON MEADOWS

PROPOSED TRAFFIC CALMING ON BROOMHILL ROAD SHEET 8 OF 9

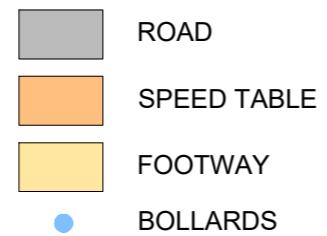
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REV	DR	CH	PA	DATE

BRISLINGTON MEADOWS

PROPOSED TRAFFIC CALMING ON BROOMHILL ROAD SHEET 9 OF 9

DRAWN BY	CHECKED BY	PASSED BY	DATE	SCALES @ A3 SIZE	ISSUE STATUS	DRAWING NUMBER	REV.
VB	DRT	DRT	FEB 22	1:250@A3	PRELIMINARY	1066-015-09	



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APPENDIX G

TravelWest Isochrone Plots

bicycle or public transport in the West of England.

From:

Broomhill Junior School, Allison Road, Bri...

Mode of transport:



Within: 30 Minutes ▾

10 mins

20 mins

30 mins

Update Map

Include points of interest on the map

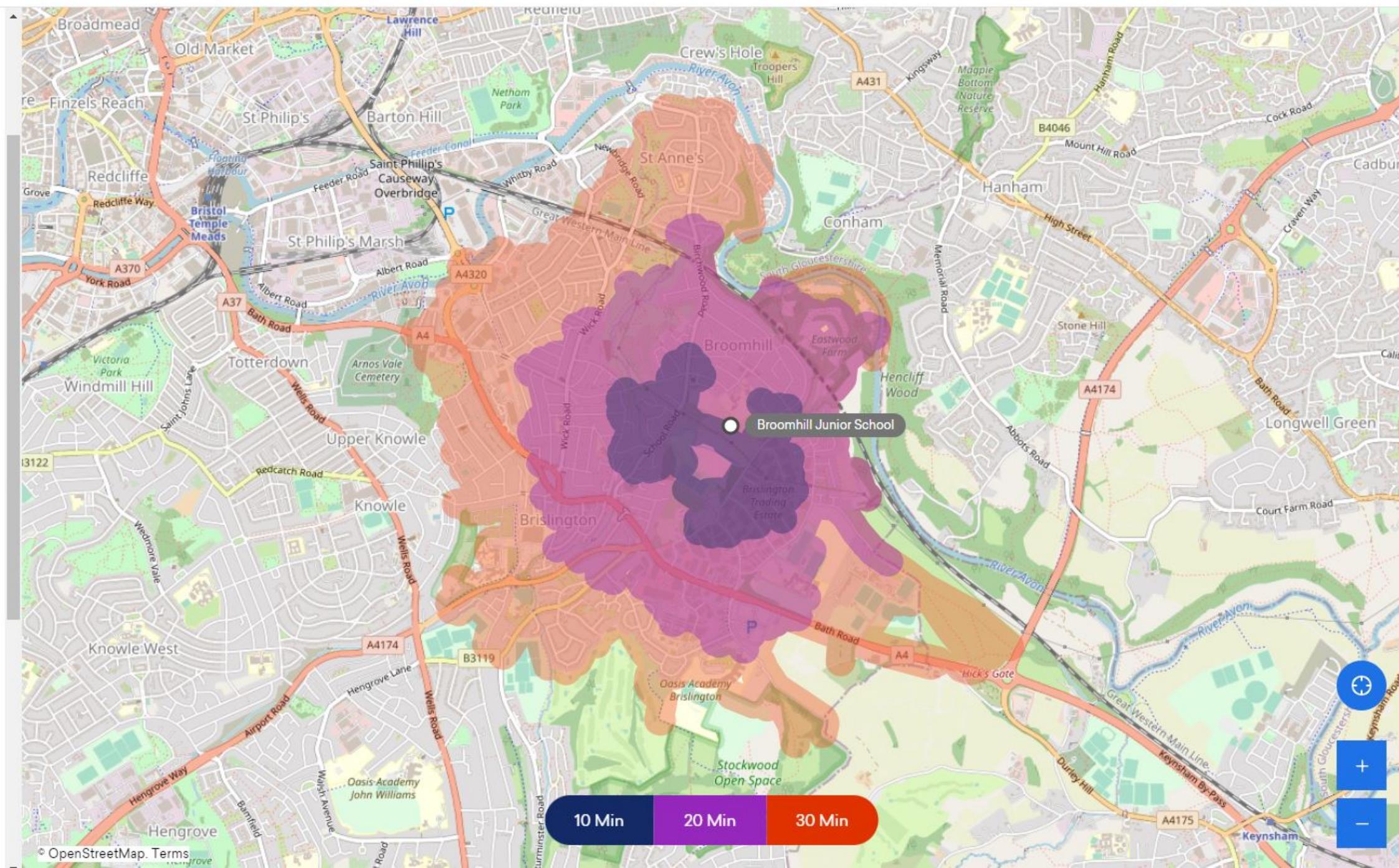
Car Clubs

Charge Points

Park & Ride

Train Stations

Rider Tickets



bicycle or public transport in the West of England.

From:

Broomhill Junior School, Allison Road, Bri...

Mode of transport:



Within: 30 Minutes ^

10 mins

20 mins

30 mins

Update Map

BETTER BY BIKE

For cycling options, visit the Better By Bike's cycle planner →

Include points of interest on the map



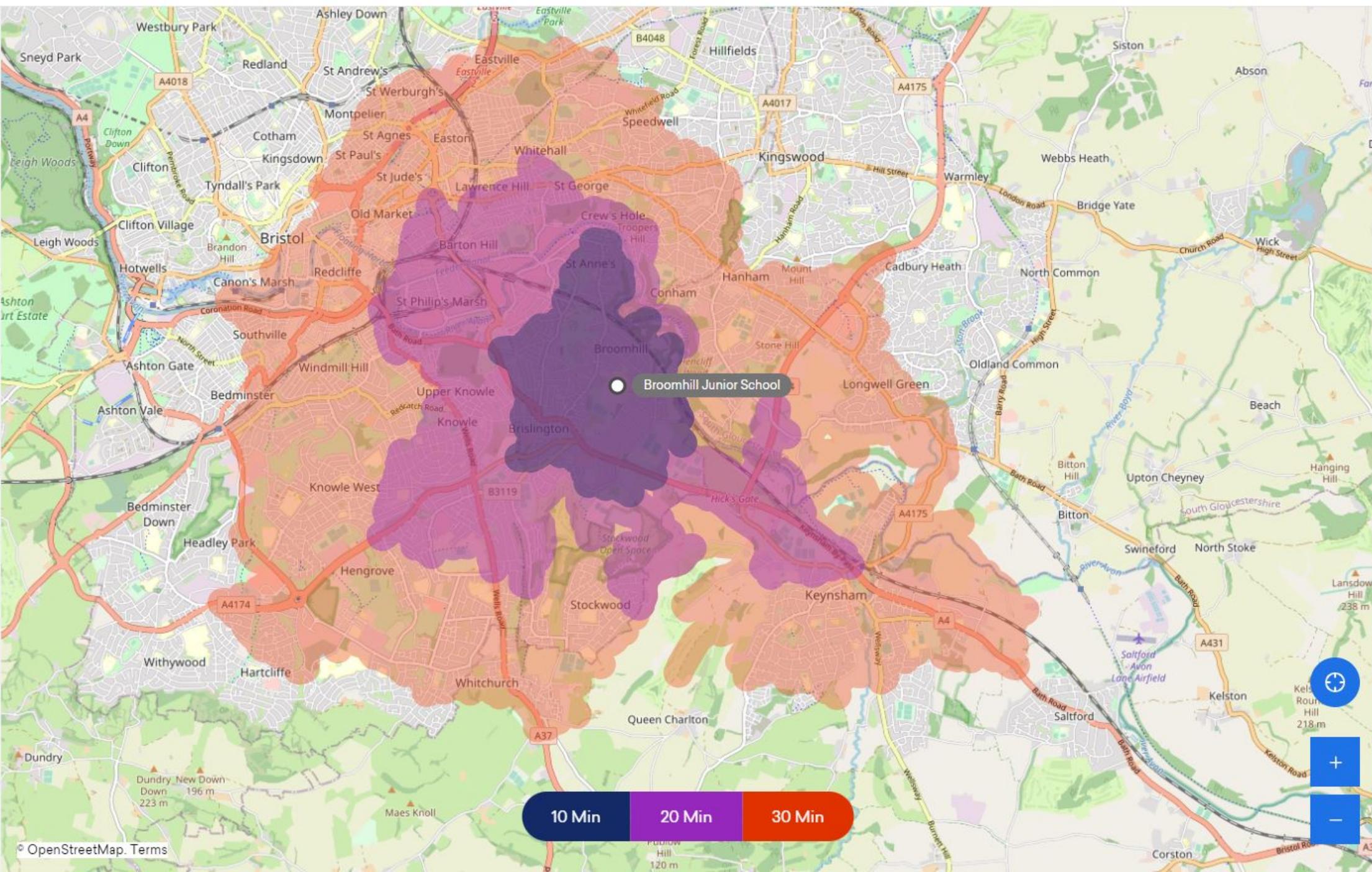
Car Clubs



Charge Points



Park & Ride



10 Min

20 Min

30 Min



bicycle or public transport in the West of England.

From:

Broomhill Junior School, Allison Road, Bri...

Mode of transport:



Reset options ▾

⌚ Depart: 04/03/2022 08:00

🕒 DEPART AFTER

📅 04 Mar 2022
8 : 00
▲ ▲
▼ ▼

Within: 30 Minutes ▾

10 mins

20 mins

30 mins

Update Map

Include points of interest on the map

