

Traffic measurement report

aus_night_skrzyzowanie_20260806

Table of contents

1. Software and user information
2. Description and location of the measurement
3. Traffic volume and composition
 - 3.1 Traffic profiles and structure
 - Traffic structure
 - Traffic movement structure
 - Traffic category structure by entrance
 - 3.2 Road micromobility
 - 3.3 Crosswalk participants
 - 3.4 Observed and daily traffic
 - 3.5 Peak hours
 - Traffic category structure by entrance: Morning peak, 08:00–09:00
 - Traffic category structure by entrance: Midday peak, 14:00–15:00
 - Traffic category structure by entrance: Afternoon peak, 15:00–16:00
 - 3.6 Peak profiles for traffic forecasting
 - 3.7 Traffic at different times of day

1. Software and user information

- AITracker version: 3.0.5
- Software version: v3.0.5-5-gde8707c79-fixes.training_export
- Company: AISP SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ
- Address: Konarskiego 18C
- Website: www.aisp.pl
- Generated by: s.paszko@aisp.pl
- Created at: 2026-10-29 17:51:03

2. Description and location of the measurement

Report assumptions: main cartograms, directional structures, vehicle profiles, peaks and PHF cover road vehicles on Road movements.

Road micromobility is presented separately. Crosswalk participants cover pedestrians and micromobility on Crosswalk movements.

Daily or annual traffic is named only when its stated method and input range support that meaning.

Speed statistics use valid road-vehicle measurements. ALPR uses road vehicles and treats a plate as read when at least one letter is recognized. The active classification controls category presentation after the business population is selected.

Start time: **05:45**. End time: **20:29**. Measurement duration: **14 h 44 min 55 s**.

Vehicle classification: **au.austroads12**.

Vehicles	Road micromobility	All road participants	Crosswalk participants
 8 303	 33	 8 336	 612

Vehicle structure

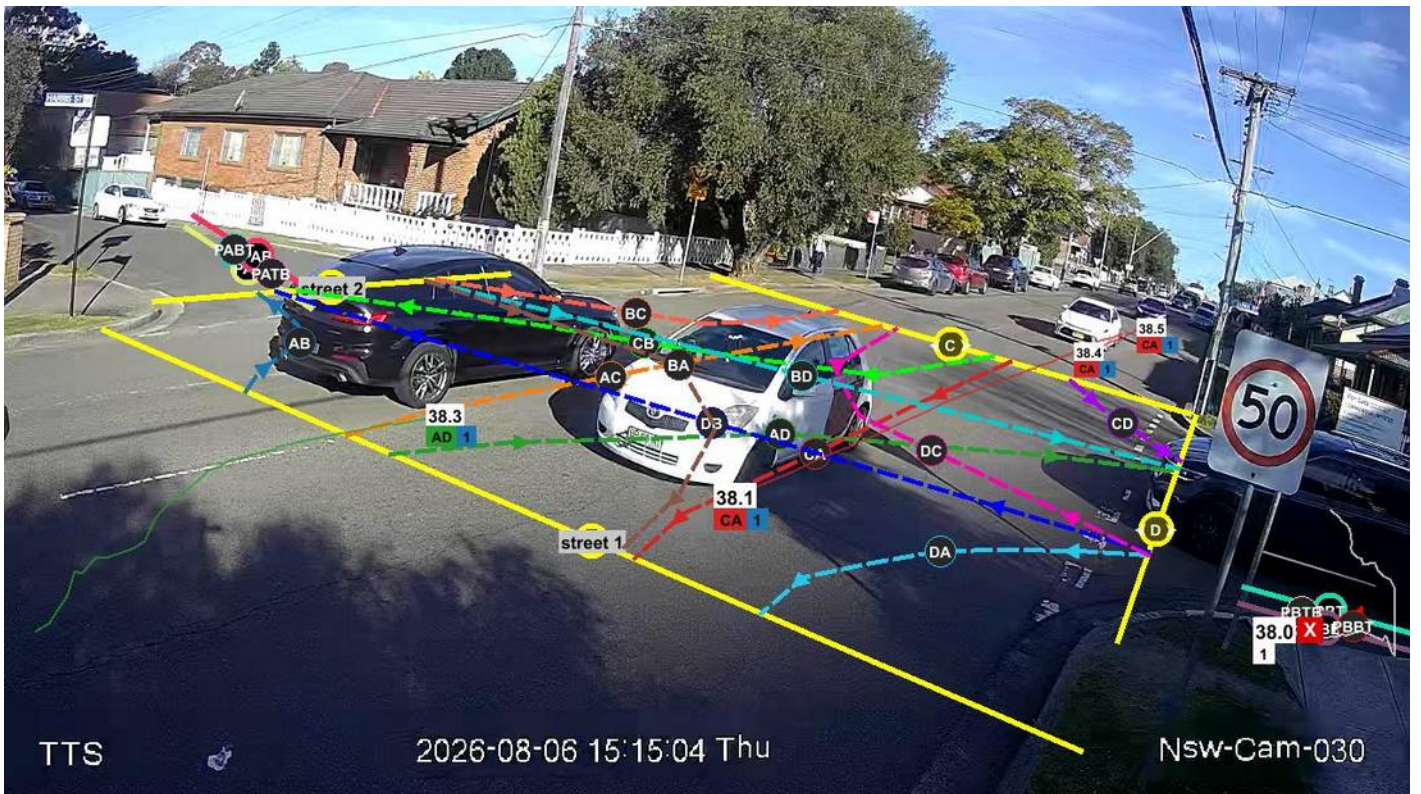
Light vehicles	Heavy vehicles
8 141 (98.0%)	162 (2.0%)

Bus transport

Buses	Minibuses
60 (0.7%)	32 (0.4%)



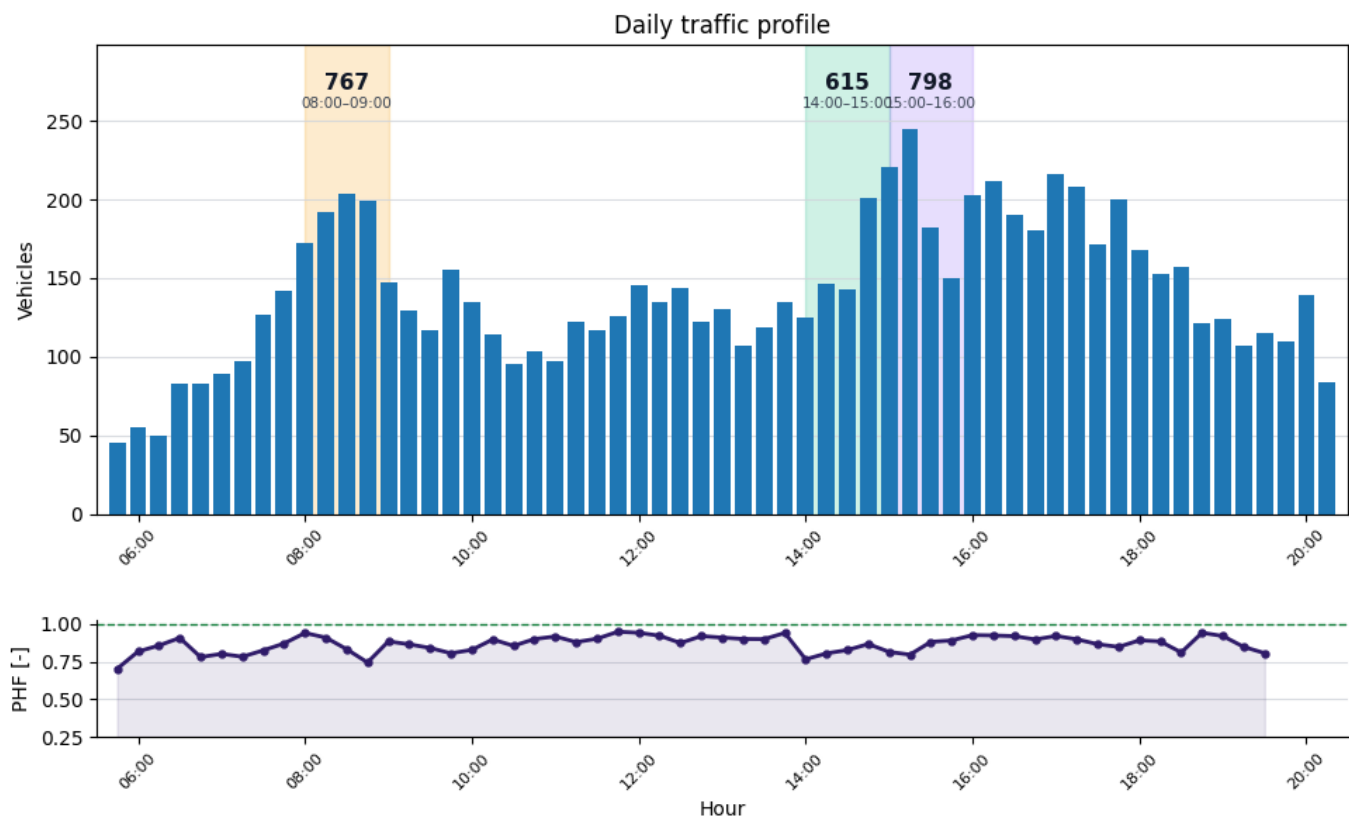
1. Camera view



2. Measuring point view with processing guidelines and configuration.

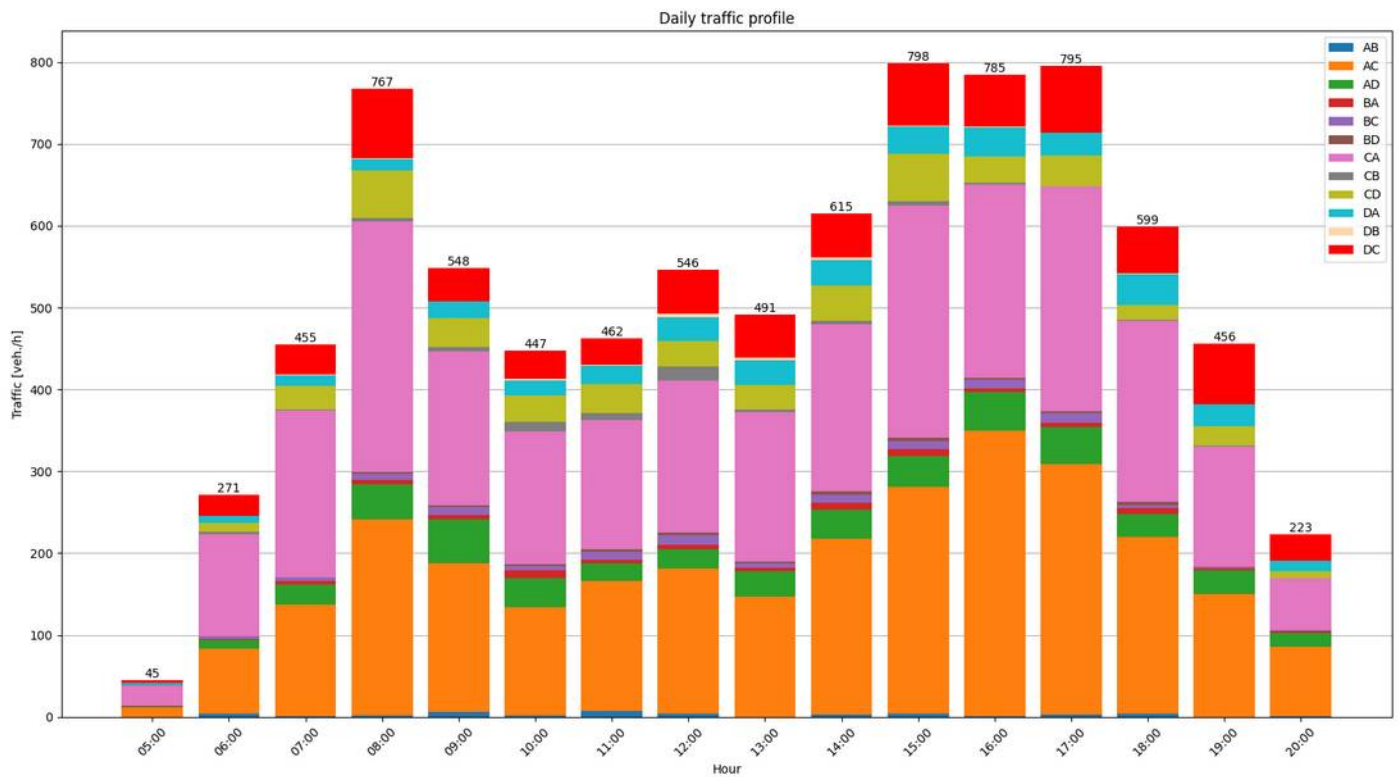
3. Traffic volume and composition

3.1 Traffic profiles and structure

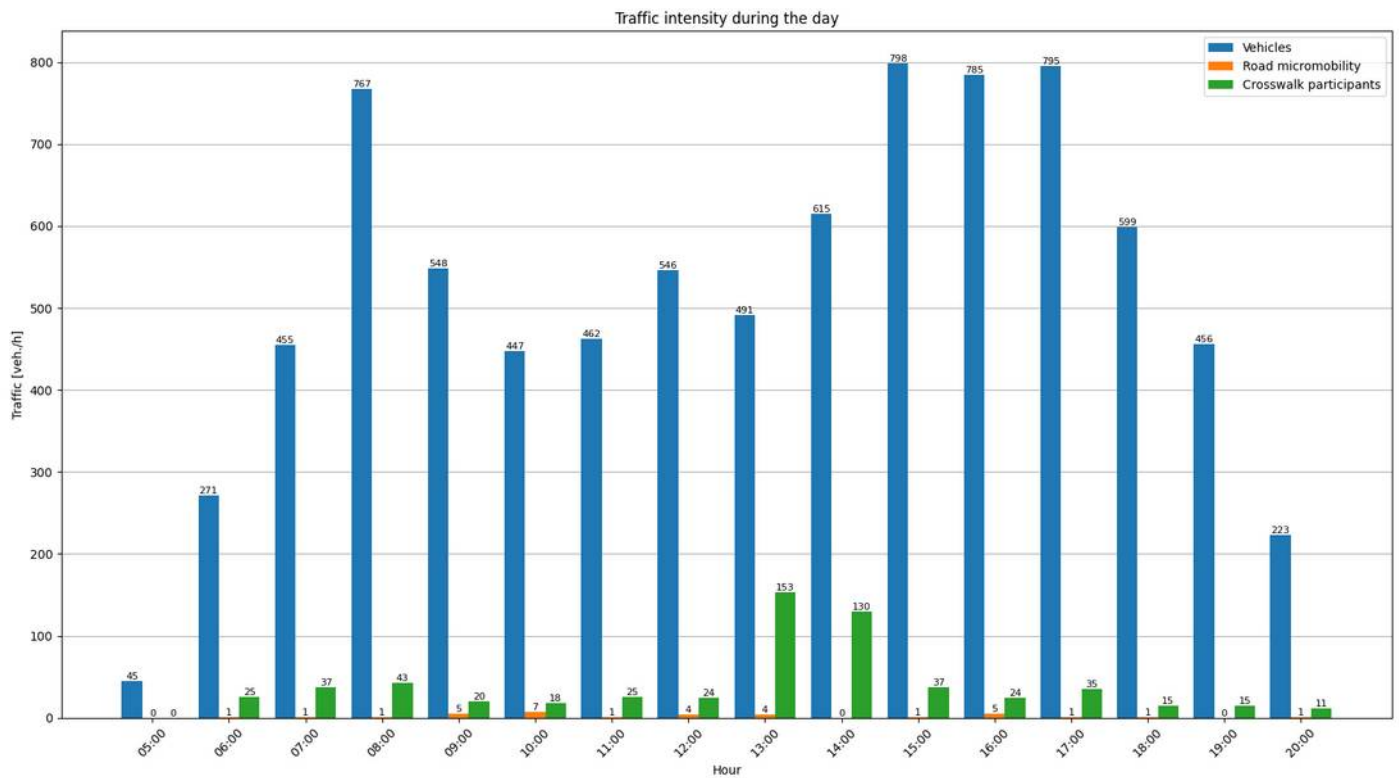


3. Daily traffic profile

PHF values closer to 1.00 indicate a more even distribution of vehicle traffic within the hour; lower values indicate that traffic is concentrated in one of its 15-minute intervals.

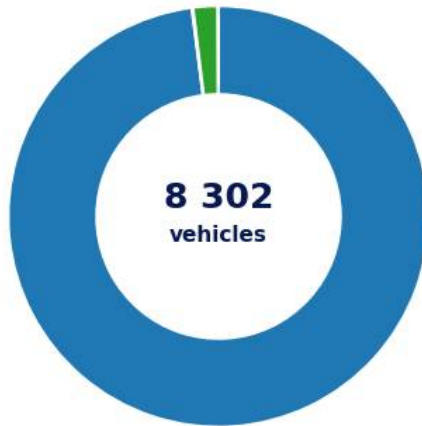


4. Hourly traffic chart for each direction separately.



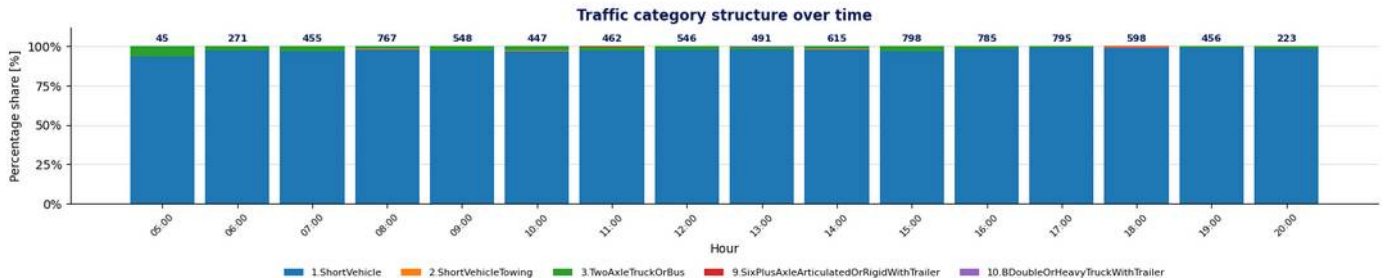
5. Traffic intensity during the day for vehicles, road micromobility and crosswalk participants.

Daily traffic category structure



1.ShortVehicle	98.0%
2.ShortVehicleTowing	0.1%
3.TwoAxleTruckOrBus	1.9%
9.SixPlusAxleArticulatedOrRigidWithTrailer	0.0%
10.BDoubleOrHeavyTruckWithTrailer	0.0%

6. Daily road traffic structure by vehicle category.



7. Traffic category structure over time

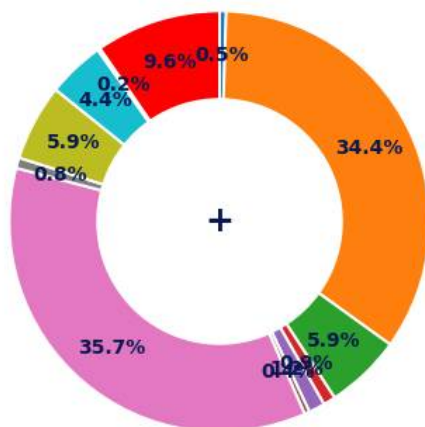
Traffic structure

Percentage share of vehicle categories in measured road traffic:

- Category **1.ShortVehicle**, **8133 vehicles**, share **97.95%**.
- Category **2.ShortVehicleTowing**, **8 vehicles**, share **0.10%**.
- Category **3.TwoAxleTruckOrBus**, **157 vehicles**, share **1.89%**.
- Category **4.ThreeAxleTruckOrBus**, **0 vehicles**, share **0.00%**.
- Category **5.FourPlusAxleRigidTruck**, **0 vehicles**, share **0.00%**.
- Category **6.ThreeAxleArticulatedOrRigidWithTrailer**, **0 vehicles**, share **0.00%**.
- Category **7.FourAxleArticulatedOrRigidWithTrailer**, **0 vehicles**, share **0.00%**.
- Category **8.FiveAxleArticulatedOrRigidWithTrailer**, **0 vehicles**, share **0.00%**.
- Category **9.SixPlusAxleArticulatedOrRigidWithTrailer**, **3 vehicles**, share **0.04%**.
- Category **10.BDoubleOrHeavyTruckWithTrailer**, **1 vehicles**, share **0.01%**.
- Category **11.DoubleRoadTrain**, **0 vehicles**, share **0.00%**.
- Category **12.TripleRoadTrain**, **0 vehicles**, share **0.00%**.

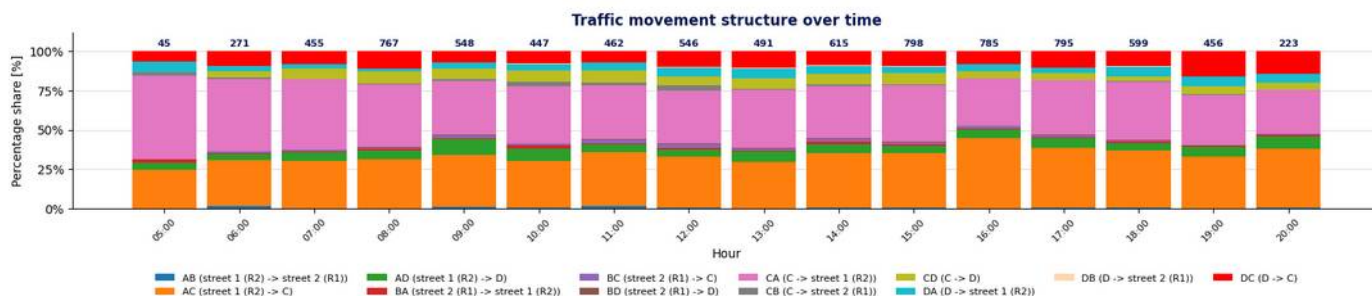
Road vehicles outside the summed scope of the active classification: 1.

Daily traffic movement structure



AB (street 1 (R2) -> street 2 (R1))	42 veh.
AC (street 1 (R2) -> C)	2 859 veh.
AD (street 1 (R2) -> D)	486 veh.
BA (street 2 (R1) -> street 1 (R2))	78 veh.
BC (street 2 (R1) -> C)	103 veh.
BD (street 2 (R1) -> D)	33 veh.
CA (C -> street 1 (R2))	2 966 veh.
CB (C -> street 2 (R1))	67 veh.
CD (C -> D)	488 veh.
DA (D -> street 1 (R2))	364 veh.
DB (D -> street 2 (R1))	18 veh.
DC (D -> C)	799 veh.

8. Daily inbound traffic structure by movement.



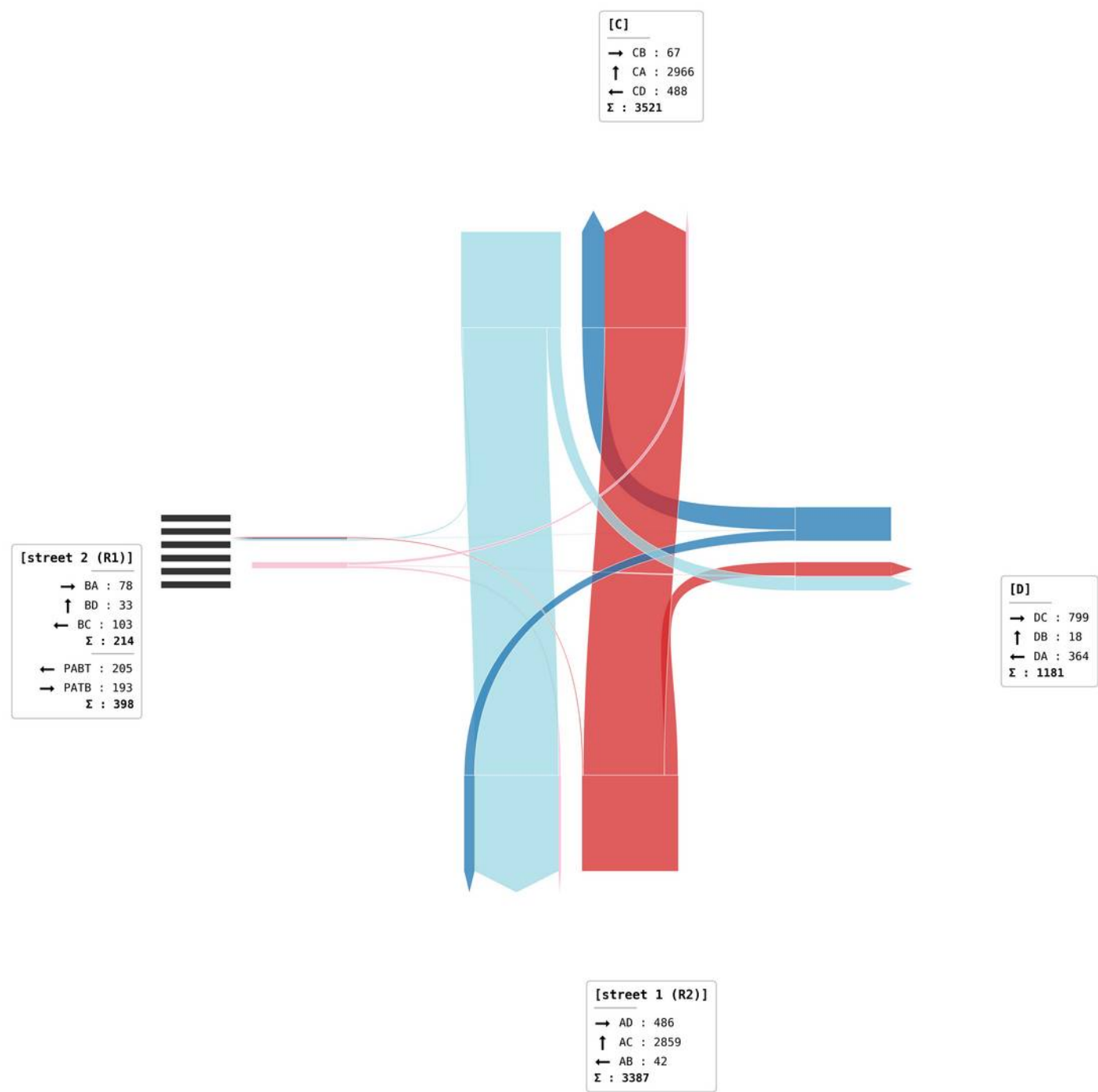
9. Traffic movement structure over time

Traffic movement structure

Number and percentage share of movements in measured road traffic:

- Movement **AB (street 1 (R2) -> street 2 (R1))**, **42 vehicles**, share **0.51%**.
- Movement **AC (street 1 (R2) -> C)**, **2859 vehicles**, share **34.43%**.
- Movement **AD (street 1 (R2) -> D)**, **486 vehicles**, share **5.85%**.
- Movement **BA (street 2 (R1) -> street 1 (R2))**, **78 vehicles**, share **0.94%**.
- Movement **BC (street 2 (R1) -> C)**, **103 vehicles**, share **1.24%**.
- Movement **BD (street 2 (R1) -> D)**, **33 vehicles**, share **0.40%**.
- Movement **CA (C -> street 1 (R2))**, **2966 vehicles**, share **35.72%**.
- Movement **CB (C -> street 2 (R1))**, **67 vehicles**, share **0.81%**.
- Movement **CD (C -> D)**, **488 vehicles**, share **5.88%**.
- Movement **DA (D -> street 1 (R2))**, **364 vehicles**, share **4.38%**.

- Movement **DB** (D -> street 2 (R1)), **18 vehicles**, share **0.22%**.
- Movement **DC** (D -> C), **799 vehicles**, share **9.62%**.



10. Circular cartogram of traffic relations.

Traffic category structure by entrance

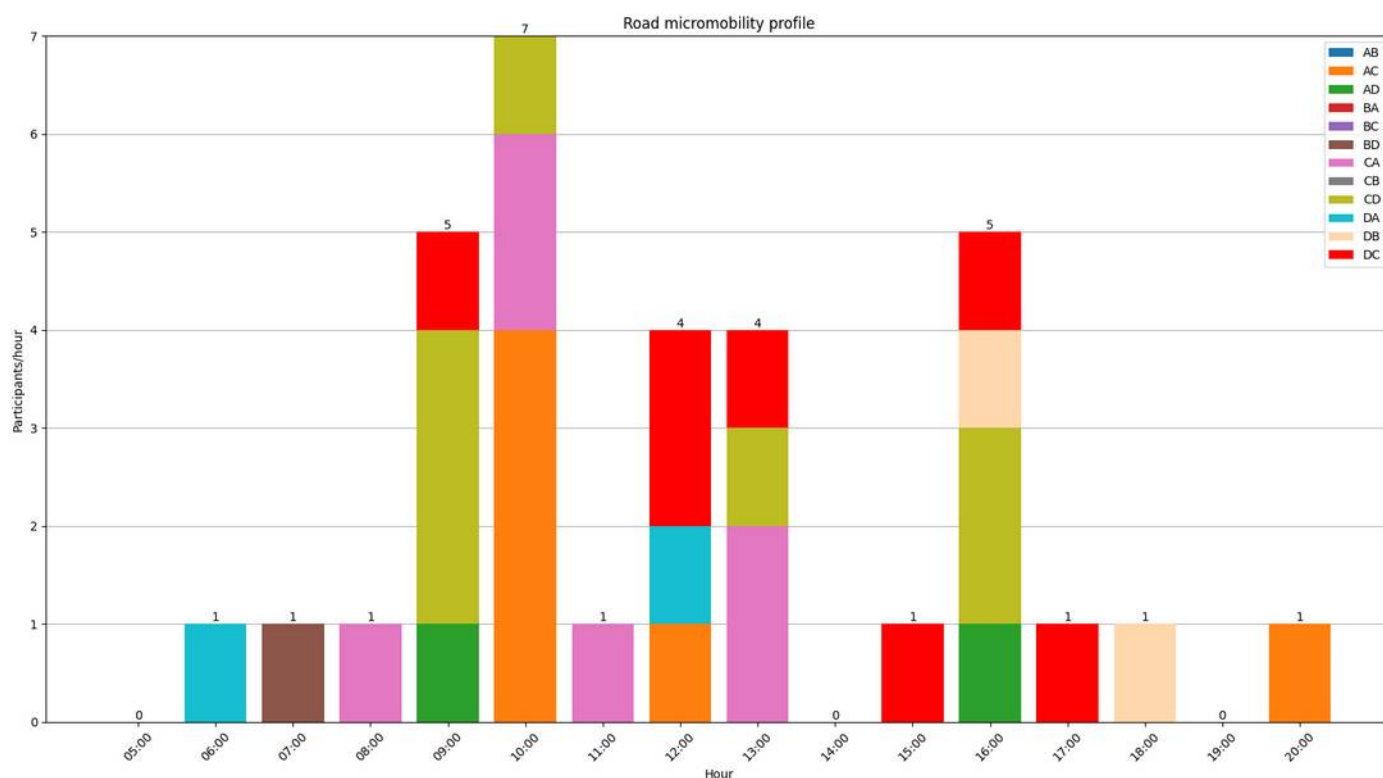
Number of vehicles by category

Entrance description	1	2	3	4	5	6	7	8	9	10	11	12
D	1 146	0	35	0	0	0	0	0	0	0	0	0

Entrance description	1	2	3	4	5	6	7	8	9	10	11	12
street 1 (R2)	3 316	4	64	0	0	0	0	0	2	1	0	0
street 2 (R1)	211	0	3	0	0	0	0	0	0	0	0	0
C	3 460	4	55	0	0	0	0	0	1	0	0	0

3.2 Road micromobility

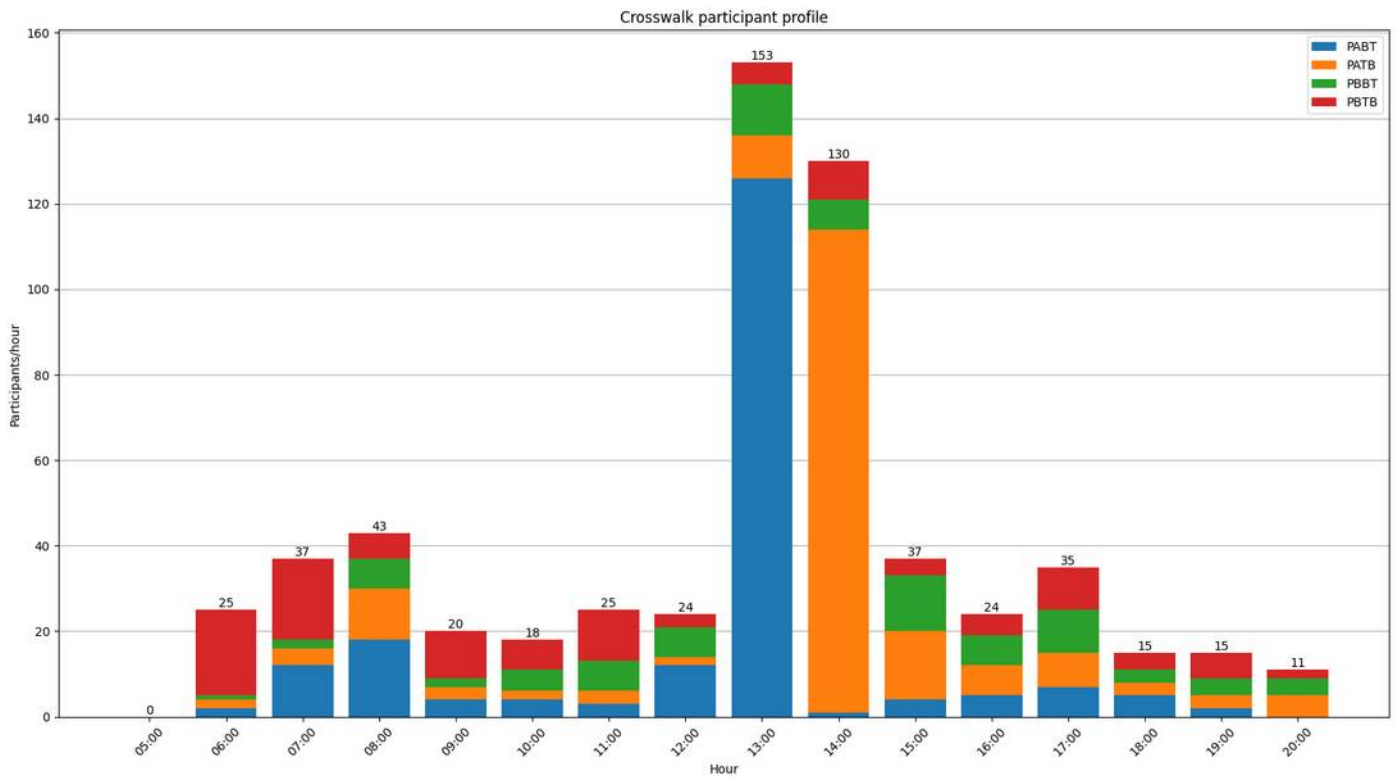
Road movements contained **33** micromobility participants; their share of all road participants was **0.40%**.



11. Road micromobility profile

Participant group	Quantity and share
Bicycles	32 (97.0%)
Personal transport devices	0 (0.0%)
Scooters	1 (3.0%)

3.3 Crosswalk participants



12. Crosswalk participant profile

Participant group	Quantity
Pedestrians	597
Bicycles	14
Personal transport devices	0
Scooters	1
Total participants	612

- Crosswalk movement **PABT: 205 participants.**
- Crosswalk movement **PATB: 193 participants.**
- Crosswalk movement **PBBT: 91 participants.**
- Crosswalk movement **PBTB: 123 participants.**

3.4 Observed and daily traffic

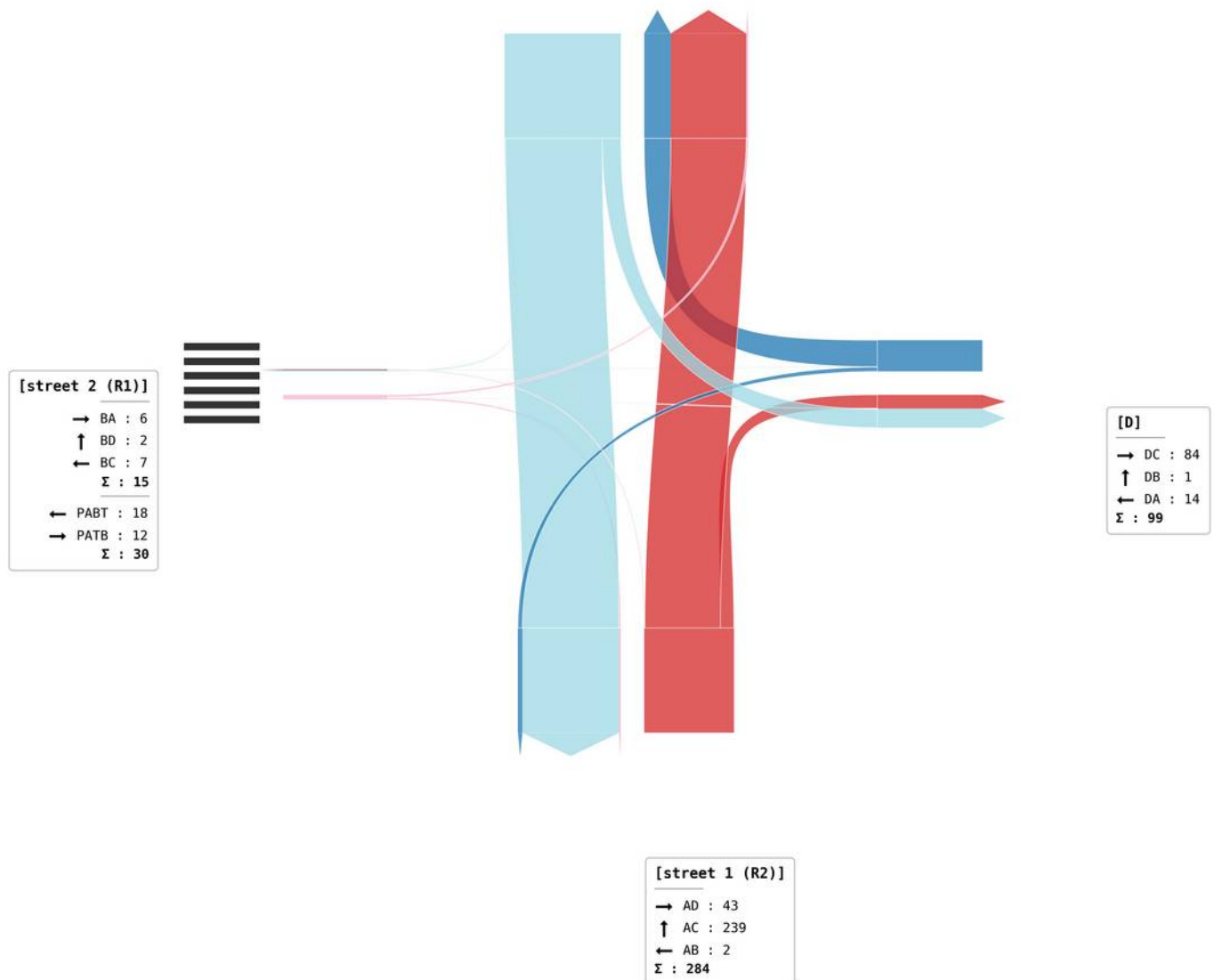
The sum of passages through the junction in the measurement period was **8303 vehicles** (05:45–20:29). No daily road cross-section or SDRR value is assigned without an explicit movement group for that road.

3.5 Peak hours

Period	Hour	Vehicle s	Crosswalk pedestrians	Crosswalk micromobility	All crosswalk participants	Road micromobility	PHF
Morning peak	08:00–09:00	767	41	2	43	1	0.94

Period	Hour	Vehicles	Crosswalk pedestrians	Crosswalk micromobility	All crosswalk participants	Road micromobility	PHF
Midday peak	14:00–15:00	615	129	1	130	0	0.76
Afternoon peak	15:00–16:00	798	34	3	37	1	0.81

[C]
→ CB : 4
↑ CA : 306
← CD : 59
Σ : 369



13. Traffic cartogram: Morning peak, 08:00–09:00

Traffic category structure by entrance: Morning peak, 08:00–09:00

Number of vehicles by category

Entrance description	1	2	3	4	5	6	7	8	9	10	11	12
D	97	0	2	0	0	0	0	0	0	0	0	0
street 1 (R2)	277	1	6	0	0	0	0	0	0	0	0	0
street 2 (R1)	14	0	1	0	0	0	0	0	0	0	0	0
C	365	0	4	0	0	0	0	0	0	0	0	0

[C]
→ CB : 4
↑ CA : 204
← CD : 43
Σ : 251

[street 2 (R1)]
→ BA : 9
↑ BD : 5
← BC : 9
Σ : 23
← PABT : 1
→ PATB : 113
Σ : 114

[D]
→ DC : 54
↑ DB : 3
← DA : 31
Σ : 88

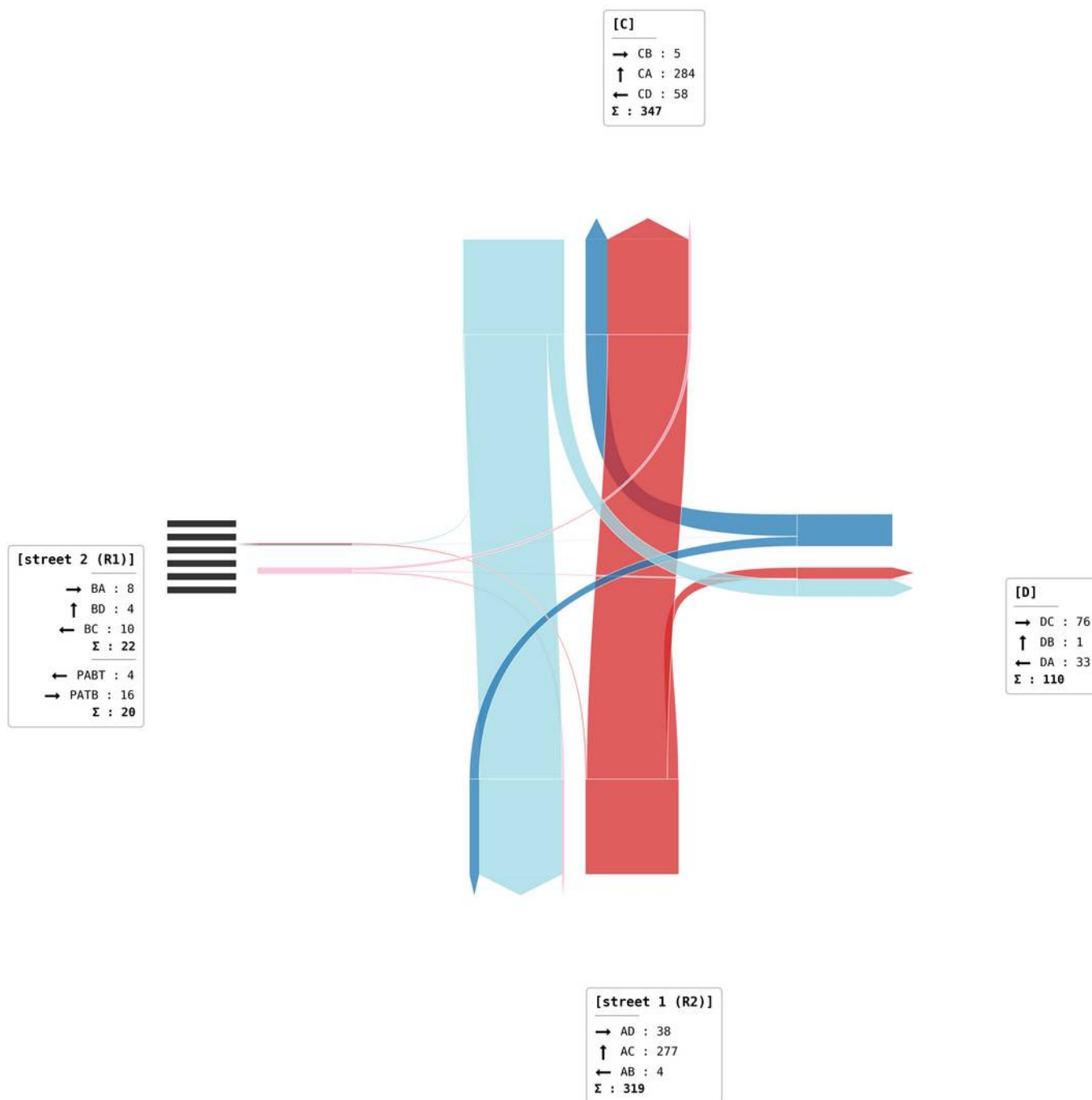
[street 1 (R2)]
→ AD : 35
↑ AC : 215
← AB : 3
Σ : 253

14. Traffic cartogram: Midday peak, 14:00–15:00

Traffic category structure by entrance: Midday peak, 14:00–15:00

Number of vehicles by category

Entrance description	1	2	3	4	5	6	7	8	9	10	11	12
D	86	0	2	0	0	0	0	0	0	0	0	0
street 1 (R2)	248	1	4	0	0	0	0	0	0	0	0	0
street 2 (R1)	23	0	0	0	0	0	0	0	0	0	0	0
C	247	0	4	0	0	0	0	0	0	0	0	0



15. Traffic cartogram: Afternoon peak, 15:00–16:00

Traffic category structure by entrance: Afternoon peak, 15:00–16:00

Number of vehicles by category

Entrance description	1	2	3	4	5	6	7	8	9	10	11	12
D	107	0	3	0	0	0	0	0	0	0	0	0
street 1 (R2)	308	0	11	0	0	0	0	0	0	0	0	0

Entrance description	1	2	3	4	5	6	7	8	9	10	11	12
street 2 (R1)	22	0	0	0	0	0	0	0	0	0	0	0
C	338	0	9	0	0	0	0	0	0	0	0	0

3.6 Peak profiles for traffic forecasting

The measurement date is unavailable, so the workday/weekend peak profile cannot be determined. Set the measurement date in reporting settings.

3.7 Traffic at different times of day

Population	Day 06:00–18:00	Evening 18:00–22:00	Night 22:00–06:00	Total
Road vehicles	6 980 (84.1%)	1 278 (15.4%)	45 (0.5%)	8 303
Road micromobility	31 (93.9%)	2 (6.1%)	0 (0.0%)	33
Crosswalk participants	571 (93.3%)	41 (6.7%)	0 (0.0%)	612