

### 1: Performance by approach

Approach	WB	NB	All
Denied Del/Veh (s)	0.0	0.3	0.2
Total Del/Veh (s)	2.8	2.6	2.7
Stop Del/Veh (s)	0.0	0.0	0.0
Stop/Veh	0.00	0.00	0.00
Avg Speed (kph)	32	30	31
HC Emissions (g)	1	1	2
CO Emissions (g)	21	28	49
NOx Emissions (g)	4	4	7

### 2: Performance by approach

Approach	EB	WB	All
Denied Del/Veh (s)	0.1	0.0	0.1
Total Del/Veh (s)	0.1	0.2	0.2
Stop Del/Veh (s)	0.0	0.0	0.0
Stop/Veh	0.00	0.00	0.00
Avg Speed (kph)	49	49	49
HC Emissions (g)	3	1	4
CO Emissions (g)	57	24	82
NOx Emissions (g)	8	4	12

### 3: Performance by approach

Approach	EB	WB	NE	All
Denied Del/Veh (s)	0.0	0.3	0.0	0.1
Total Del/Veh (s)	0.4	0.5	2.5	0.8
Stop Del/Veh (s)	0.0	0.0	1.2	0.2
Stop/Veh	0.00	0.00	0.18	0.03
Avg Speed (kph)	48	37	28	40
HC Emissions (g)	3	2	0	5
CO Emissions (g)	48	124	8	179
NOx Emissions (g)	8	7	1	15

### Total Network Performance

Denied Del/Veh (s)	0.2
Total Del/Veh (s)	2.4
Stop Del/Veh (s)	0.2
Stop/Veh	0.03
Avg Speed (kph)	42
HC Emissions (g)	36
CO Emissions (g)	1022
NOx Emissions (g)	110

Intersection: 1:

Movement
Directions Served
Maximum Queue (m)
Average Queue (m)
95th Queue (m)
Link Distance (m)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (m)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 2:

Movement
Directions Served
Maximum Queue (m)
Average Queue (m)
95th Queue (m)
Link Distance (m)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (m)
Storage Blk Time (%)
Queuing Penalty (veh)

## Queuing and Blocking Report Baseline

Centura metropolitana Cluj - Napoca  
Anexa 1 - Nod 2 - an 2025

### Intersection: 3:

Movement	NE
Directions Served	R
Maximum Queue (m)	22.1
Average Queue (m)	9.8
95th Queue (m)	21.5
Link Distance (m)	77.5
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (m)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

### Network Summary

Network wide Queuing Penalty: 0
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