

### 1: Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	0.0	1.8	0.7
Total Del/Veh (s)	2.4	2.5	2.8	2.6
Stop Del/Veh (s)	0.0	0.2	0.0	0.1
Stop/Veh	0.00	0.08	0.00	0.03
Avg Speed (kph)	33	32	33	33
HC Emissions (g)	0	0	0	0
CO Emissions (g)	3	5	7	15
NOx Emissions (g)	0	1	1	2

### 2: Performance by approach

Approach	EB	WB	SW	All
Denied Del/Veh (s)	0.3	0.0	0.0	0.1
Total Del/Veh (s)	0.5	0.8	6.8	0.7
Stop Del/Veh (s)	0.0	0.0	6.0	0.1
Stop/Veh	0.00	0.00	0.50	0.01
Avg Speed (kph)	44	47	14	45
HC Emissions (g)	6	5	0	11
CO Emissions (g)	209	82	0	291
NOx Emissions (g)	19	13	0	32

### 3: Performance by approach

Approach	EB	WB	NE	All
Denied Del/Veh (s)	0.0	0.2	0.0	0.1
Total Del/Veh (s)	1.8	0.6	13.4	1.5
Stop Del/Veh (s)	0.0	0.0	12.4	0.3
Stop/Veh	0.00	0.00	0.60	0.01
Avg Speed (kph)	46	46	11	45
HC Emissions (g)	18	5	0	23
CO Emissions (g)	324	153	1	478
NOx Emissions (g)	50	16	0	66

### Total Network Performance

Denied Del/Veh (s)	0.3
Total Del/Veh (s)	4.6
Stop Del/Veh (s)	0.3
Stop/Veh	0.02
Avg Speed (kph)	46
HC Emissions (g)	101
CO Emissions (g)	2279
NOx Emissions (g)	293

## Queuing and Blocking Report Baseline

Centura metropolitana Cluj - Napoca  
Anexa 1 - Nod 9 - an 2025

### Intersection: 1:

Movement	WB
Directions Served	>
Maximum Queue (m)	14.7
Average Queue (m)	2.9
95th Queue (m)	12.6
Link Distance (m)	71.1
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (m)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

### Intersection: 2:

Movement	SW
Directions Served	R
Maximum Queue (m)	9.1
Average Queue (m)	5.2
95th Queue (m)	12.2
Link Distance (m)	36.2
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 9 - an 2025

### Intersection: 3:

Movement	NE
Directions Served	R
Maximum Queue (m)	22.0
Average Queue (m)	10.8
95th Queue (m)	20.1
Link Distance (m)	55.3
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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