

1: Performance by approach

Approach	NB	SB	SE	NW	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.1	0.1
Total Del/Veh (s)	2.2	2.2	2.2	2.8	2.4
Stop Del/Veh (s)	0.0	0.0	0.0	0.0	0.0
Stop/Veh	0.00	0.00	0.00	0.00	0.00
Avg Speed (kph)	32	28	31	31	31
HC Emissions (g)	0	0	0	0	0
CO Emissions (g)	2	0	1	8	11
NOx Emissions (g)	0	0	0	1	2

2: Performance by approach

Approach	SB	NE	SW	All
Denied Del/Veh (s)	0.0	0.1	0.0	0.1
Total Del/Veh (s)	1.0	0.3	0.2	0.3
Stop Del/Veh (s)	0.0	0.0	0.0	0.0
Stop/Veh	0.00	0.00	0.00	0.00
Avg Speed (kph)	38	47	48	47
HC Emissions (g)	1	3	3	7
CO Emissions (g)	13	89	43	145
NOx Emissions (g)	2	9	9	20

3: Performance by approach

Approach	NB	NE	SW	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.0
Total Del/Veh (s)	2.2	0.4	0.1	0.3
Stop Del/Veh (s)	1.6	0.0	0.0	0.0
Stop/Veh	0.50	0.00	0.00	0.01
Avg Speed (kph)	36	47	49	47
HC Emissions (g)	0	3	3	6
CO Emissions (g)	2	39	69	110
NOx Emissions (g)	0	7	9	16

Total Network Performance

Denied Del/Veh (s)	0.1
Total Del/Veh (s)	1.9
Stop Del/Veh (s)	0.0
Stop/Veh	0.01
Avg Speed (kph)	47
HC Emissions (g)	49
CO Emissions (g)	962
NOx Emissions (g)	143

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 4 - an 2025

Intersection: 3:

Movement	NB
Directions Served	R
Maximum Queue (m)	9.3
Average Queue (m)	1.9
95th Queue (m)	8.0
Link Distance (m)	185.7
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (m)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Network Summary

Network wide Queuing Penalty: 0
