

1: Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	2.3	1.3
Total Del/Veh (s)	2.2	2.4	2.6	2.5
Stop Del/Veh (s)	0.0	0.1	0.0	0.0
Stop/Veh	0.00	0.05	0.00	0.01
Avg Speed (kph)	29	28	32	30
HC Emissions (g)	0	0	1	1
CO Emissions (g)	5	5	49	59
NOx Emissions (g)	1	1	4	5

2: Performance by approach

Approach	EB	WB	SW	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.1
Total Del/Veh (s)	0.6	0.8	2.7	0.8
Stop Del/Veh (s)	0.0	0.0	2.0	0.2
Stop/Veh	0.00	0.00	0.18	0.02
Avg Speed (kph)	45	48	33	45
HC Emissions (g)	5	4	0	9
CO Emissions (g)	110	76	8	193
NOx Emissions (g)	13	12	1	26

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)	0.7	1.1	4.1	1.3
Stop Del/Veh (s)	0.0	0.1	3.4	0.4
Stop/Veh	0.00	0.01	0.36	0.05
Avg Speed (kph)	46	47	32	45
HC Emissions (g)	3	10	0	14
CO Emissions (g)	53	220	18	291
NOx Emissions (g)	9	28	1	38

Total Network Performance

Denied Del/Veh (s)	0.5
Total Del/Veh (s)	4.3
Stop Del/Veh (s)	0.5
Stop/Veh	0.06
Avg Speed (kph)	43
HC Emissions (g)	65
CO Emissions (g)	1685
NOx Emissions (g)	195

Queuing and Blocking Report Baseline

Centura metropolitana Cluj - Napoca
Anexa 1 - Nod 3 - an 2025

Intersection: 1:

Movement	WB
Directions Served	L
Maximum Queue (m)	8.5
Average Queue (m)	1.7
95th Queue (m)	7.3
Link Distance (m)	44.5
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)	9.2
Average Queue (m)	6.3
95th Queue (m)	12.0
Link Distance (m)	145.7
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 3 - an 2025

Intersection: 3:

Movement	WB	NE
Directions Served	TR	R
Maximum Queue (m)	16.3	15.9
Average Queue (m)	3.3	9.0
95th Queue (m)	14.1	18.9
Link Distance (m)	336.6	158.9
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (m)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Network Summary

Network wide Queuing Penalty: 0