

1: Performance by approach

Approach	NB	SB	NE	SW	All
Denied Del/Veh (s)	1.3	0.5	0.0	0.0	0.3
Total Del/Veh (s)	4.1	3.3	2.4	3.2	2.9
Stop Del/Veh (s)	0.8	0.0	0.0	0.8	0.1
Stop/Veh	0.29	0.00	0.00	0.33	0.02
Avg Speed (kph)	32	34	27	25	32
HC Emissions (g)	0	1	1	0	2
CO Emissions (g)	5	52	24	0	81
NOx Emissions (g)	1	5	4	0	9

2: Performance by approach

Approach	EB	WB	SW	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.0	0.7	0.5	0.8
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)	36	46	20	41
HC Emissions (g)	1	6	0	7
CO Emissions (g)	23	109	3	135
NOx Emissions (g)	4	16	0	20

3: Performance by approach

Approach	NB	NE	SW	All
Denied Del/Veh (s)	0.0	0.0	0.2	0.1
Total Del/Veh (s)	1.6	0.3	0.4	0.4
Stop Del/Veh (s)	1.4	0.0	0.0	0.0
Stop/Veh	0.50	0.00	0.00	0.00
Avg Speed (kph)	15	47	47	47
HC Emissions (g)	0	3	5	8
CO Emissions (g)	0	48	131	178
NOx Emissions (g)	0	7	15	22

Total Network Performance

Denied Del/Veh (s)	0.3
Total Del/Veh (s)	4.0
Stop Del/Veh (s)	0.0
Stop/Veh	0.01
Avg Speed (kph)	43
HC Emissions (g)	73
CO Emissions (g)	2083
NOx Emissions (g)	230

Queuing and Blocking Report Baseline

Centura Metropolitana Cluj - Napoca
Anexa 1 - Nod 11 - an 2025

Intersection: 1:

Movement	NB	NB	SW
Directions Served	LT	>	L
Maximum Queue (m)	8.2	6.5	8.5
Average Queue (m)	1.6	1.3	1.7
95th Queue (m)	7.1	5.6	7.3
Link Distance (m)	129.5		37.4
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (m)		1.0	
Storage Blk Time (%)	1		0
Queuing Penalty (veh)	0		0

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 11 - an 2025

Intersection: 3:

Movement	NB
Directions Served	R
Maximum Queue (m)	7.6
Average Queue (m)	1.5
95th Queue (m)	6.5
Link Distance (m)	11.8
Upstream Blk Time (%)	0
Queuing Penalty (veh)	0
Storage Bay Dist (m)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Network Summary

Network wide Queuing Penalty: 0
