

1: Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	0.0	1.6	0.6
Total Del/Veh (s)	3.0	2.5	3.0	2.7
Stop Del/Veh (s)	0.4	0.0	0.0	0.0
Stop/Veh	0.29	0.00	0.00	0.03
Avg Speed (kph)	31	32	33	32
HC Emissions (g)	0	1	0	1
CO Emissions (g)	2	26	10	38
NOx Emissions (g)	0	4	1	5

2: Performance by approach

Approach	EB	WB	SW	All
Denied Del/Veh (s)	0.2	0.0	0.0	0.1
Total Del/Veh (s)	0.3	0.9	47.1	1.3
Stop Del/Veh (s)	0.0	0.0	46.6	0.7
Stop/Veh	0.00	0.00	1.00	0.01
Avg Speed (kph)	46	46	4	42
HC Emissions (g)	4	7	0	11
CO Emissions (g)	184	115	2	300
NOx Emissions (g)	13	18	0	31

### 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)	2.1	1.1	23.7	2.1
Stop Del/Veh (s)	0.0	0.0	22.9	0.6
Stop/Veh	0.01	0.00	0.77	0.02
Avg Speed (kph)	46	42	8	43
HC Emissions (g)	9	7	0	16
CO Emissions (g)	205	196	2	404
NOx Emissions (g)	31	20	0	52

### Total Network Performance

Denied Del/Veh (s)	0.3
Total Del/Veh (s)	5.9
Stop Del/Veh (s)	1.1
Stop/Veh	0.03
Avg Speed (kph)	45
HC Emissions (g)	101
CO Emissions (g)	2506
NOx Emissions (g)	301

## Queuing and Blocking Report Baseline

Centura metropolitana Cluj - Napoca  
Anexa 2 - Nod 9 - an 2045

### Intersection: 1:

Movement	EB
Directions Served	L
Maximum Queue (m)	10.0
Average Queue (m)	3.8
95th Queue (m)	11.6
Link Distance (m)	73.7
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)	29.3
Average Queue (m)	12.1
95th Queue (m)	31.6
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

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### Intersection: 3:

Movement	EB	NE
Directions Served	T	R
Maximum Queue (m)	9.3	27.3
Average Queue (m)	1.9	16.2
95th Queue (m)	8.0	28.4
Link Distance (m)	347.0	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