

1: Performance by approach

Approach	NB	SB	SE	NW	All
Denied Del/Veh (s)	0.0	0.0	2.0	1.3	1.0
Total Del/Veh (s)	4.5	2.9	4.9	4.0	4.3
Stop Del/Veh (s)	2.8	0.1	0.3	1.0	0.7
Stop/Veh	0.59	0.08	0.44	0.43	0.37
Avg Speed (kph)	14	27	32	29	29
HC Emissions (g)	0	1	4	0	5
CO Emissions (g)	6	32	136	2	176
NOx Emissions (g)	1	5	13	0	20

2: Performance by approach

Approach	NB	SB	SE	All
Denied Del/Veh (s)	0.2	0.0	0.0	0.1
Total Del/Veh (s)	0.9	0.8	3.7	1.3
Stop Del/Veh (s)	0.0	0.0	3.1	0.5
Stop/Veh	0.00	0.00	0.39	0.06
Avg Speed (kph)	45	47	14	43
HC Emissions (g)	5	4	0	9
CO Emissions (g)	144	82	5	231
NOx Emissions (g)	15	13	1	29

3: Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.3	0.0	0.1
Total Del/Veh (s)	0.8	1.1	6.2	1.9
Stop Del/Veh (s)	0.0	0.0	5.4	0.9
Stop/Veh	0.00	0.00	0.55	0.09
Avg Speed (kph)	47	40	13	39
HC Emissions (g)	5	5	0	11
CO Emissions (g)	95	155	10	261
NOx Emissions (g)	15	16	1	32

Total Network Performance

Denied Del/Veh (s)	0.6
Total Del/Veh (s)	5.9
Stop Del/Veh (s)	1.4
Stop/Veh	0.27
Avg Speed (kph)	41
HC Emissions (g)	92
CO Emissions (g)	2728
NOx Emissions (g)	296

Queuing and Blocking Report Baseline

Centura metropolitana Cluj - Napoca
Anexa 2 - Nod 17 - an 2045

Intersection: 1:

Movement	NB	SB	SE	SE	NW	NW
Directions Served	L	>	LT	>	LT	>
Maximum Queue (m)	21.6	12.3	23.3	8.7	8.8	9.0
Average Queue (m)	16.8	7.2	6.3	7.9	1.8	3.5
95th Queue (m)	24.4	16.8	21.2	9.1	7.6	10.5
Link Distance (m)	19.6	56.1	150.0		99.1	
Upstream Blk Time (%)	2					
Queuing Penalty (veh)	5					
Storage Bay Dist (m)				1.0		1.0
Storage Blk Time (%)	8		0	1	0	0
Queuing Penalty (veh)	0		1	2	0	0

Intersection: 2:

Movement	SE
Directions Served	R
Maximum Queue (m)	25.2
Average Queue (m)	15.6
95th Queue (m)	29.8
Link Distance (m)	23.2
Upstream Blk Time (%)	2
Queuing Penalty (veh)	4
Storage Bay Dist (m)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Queuing and Blocking Report Baseline

Centura metropolitana Cluj - Napoca
Anexa 2 - Nod 17 - an 2045

Intersection: 3:

Movement	NB
Directions Served	R
Maximum Queue (m)	32.9
Average Queue (m)	22.6
95th Queue (m)	36.2
Link Distance (m)	34.9
Upstream Blk Time (%)	1
Queuing Penalty (veh)	3
Storage Bay Dist (m)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Network Summary

Network wide Queuing Penalty: 15
