

HCM 2010 Roundabout  
Intersectia 1:

Centura metropolitana Cluj - Napoca  
Anexa 1 - Nod 7 - an 2025

Intersection					
Intersection Delay, s/veh	9.8				
Intersection LOS	A				
Approach	EB		WB		NE
Entry Lanes	2		2		0
Conflicting Circle Lanes	2		2		2
Adj Approach Flow, veh/h	666		439		0
Demand Flow Rate, veh/h	680		448		0
Vehicles Circulating, veh/h	279		677		296
Vehicles Exiting, veh/h	756		283		663
Follow-Up Headway, s	3.186		3.186		3.186
Ped Vol Crossing Leg, #/h	0		0		0
Ped Cap Adj	1.000		1.000		1.000
Approach Delay, s/veh	9.8		9.8		0.0
Approach LOS	A		A		-
Lane	Left	Right	Left	Right	
Designated Moves	LT	R	LT	R	
Assumed Moves	LT	R	LT	R	
RT Channelized					
Lane Util	0.263	0.737	0.594	0.406	
Critical Headway, s	4.293	4.113	4.293	4.113	
Entry Flow, veh/h	179	501	266	182	
Cap Entry Lane, veh/h	917	929	680	703	
Entry HV Adj Factor	0.979	0.980	0.981	0.978	
Flow Entry, veh/h	175	491	261	178	
Cap Entry, veh/h	897	911	667	688	
V/C Ratio	0.195	0.539	0.391	0.259	
Control Delay, s/veh	6.0	11.2	10.8	8.3	
LOS	A	B	B	A	
95th %tile Queue, veh	1	3	2	1	

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Intersection

Intersection Delay, s/veh

Intersection LOS

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Approach	SW
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Entry Lanes	0
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Conflicting Circle Lanes	2
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Adj Approach Flow, veh/h	0
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Demand Flow Rate, veh/h	0
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Vehicles Circulating, veh/h	907
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Vehicles Exiting, veh/h	218
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Follow-Up Headway, s	3.186
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Ped Vol Crossing Leg, #/h	0
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Ped Cap Adj	1.000
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Approach Delay, s/veh	0.0
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Approach LOS	-
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Lane

Designated Moves

Assumed Moves

RT Channelized

Lane Util

Critical Headway, s

Entry Flow, veh/h

Cap Entry Lane, veh/h

Entry HV Adj Factor

Flow Entry, veh/h

Cap Entry, veh/h

V/C Ratio

Control Delay, s/veh

LOS

95th %tile Queue, veh