

HCM 2010 Roundabout
Intersectia 1:

Centura metropolitana Cluj - Napoca
Anexa 2 - Nod 5 - an 2045

Intersection								
Intersection Delay, s/veh	8.6							
Intersection LOS	A							
Approach	EB	WB	NB	SB	NE			
Entry Lanes	0	0	2	2	2			
Conflicting Circle Lanes	2	2	2	2	2			
Adj Approach Flow, veh/h	0	0	206	942	253			
Demand Flow Rate, veh/h	0	0	210	960	258			
Vehicles Circulating, veh/h	677	217	556	87	677			
Vehicles Exiting, veh/h	370	549	379	673	0			
Follow-Up Headway, s	3.186	3.186	3.186	3.186	3.186			
Ped Vol Crossing Leg, #/h	0	0	0	0	0			
Ped Cap Adj	1.000	1.000	1.000	1.000	1.000			
Approach Delay, s/veh	0.0	0.0	6.5	9.2	7.8			
Approach LOS	-	-	A	A	A			
Lane	Left		Right		Left		Right	
Designated Moves	LT		R		LT		R	
Assumed Moves	LT		R		LT		R	
RT Channelized								
Lane Util	0.648	0.352	0.615	0.385	0.314	0.686	0.160	
Critical Headway, s	4.293	4.113	4.293	4.113	4.293	4.113	4.293	
Entry Flow, veh/h	136	74	590	370	81	177	87	
Cap Entry Lane, veh/h	745	766	1059	1063	680	703	960	
Entry HV Adj Factor	0.980	0.986	0.981	0.981	0.975	0.983	0.977	
Flow Entry, veh/h	133	73	579	363	79	174	85	
Cap Entry, veh/h	730	755	1038	1043	663	692	938	
V/C Ratio	0.183	0.097	0.557	0.348	0.119	0.252	0.091	
Control Delay, s/veh	6.9	5.8	10.5	7.0	6.8	8.2	4.7	
LOS	A	A	B	A	A	A	A	
95th %tile Queue, veh	1	0	4	2	0	1	0	

Intersection

Intersection Delay, s/veh

Intersection LOS

Approach SW

Entry Lanes 2

Conflicting Circle Lanes 2

Adj Approach Flow, veh/h 532

Demand Flow Rate, veh/h 543

Vehicles Circulating, veh/h 217

Vehicles Exiting, veh/h 0

Follow-Up Headway, s 3.186

Ped Vol Crossing Leg, #/h 0

Ped Cap Adj 1.000

Approach Delay, s/veh 8.7

Approach LOS A

Lane Right

Designated Moves TR

Assumed Moves TR

RT Channelized

Lane Util 0.840

Critical Headway, s 4.113

Entry Flow, veh/h 456

Cap Entry Lane, veh/h 971

Entry HV Adj Factor 0.980

Flow Entry, veh/h 447

Cap Entry, veh/h 952

V/C Ratio 0.470

Control Delay, s/veh 9.4

LOS A

95th %tile Queue, veh 3