

HCM 2010 Roundabout  
Intersectia 1:

Centura metropolitana Cluj - Napoca

Anexa 2 - nod 14 - an 2045

Intersection								
Intersection Delay, s/veh	7.3							
Intersection LOS	A							
Approach	EB	WB	NB	SB	SE			
Entry Lanes	0	0	2	2	2			
Conflicting Circle Lanes	2	2	2	2	2			
Adj Approach Flow, veh/h	0	0	474	199	420			
Demand Flow Rate, veh/h	0	0	483	203	429			
Vehicles Circulating, veh/h	411	234	411	234	111			
Vehicles Exiting, veh/h	129	220	0	0	326			
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	10.2	4.9	6.3			
Approach LOS	-	-	B	A	A			
Lane	Left	Right	Left	Right	Left	Right	Left	Left
Designated Moves	L	TR	L	TR	LT	R	LT	LT
Assumed Moves	L	TR	L	TR	LT	R	LT	LT
RT Channelized								
Lane Util	0.133	0.867	0.355	0.645	0.790	0.210	0.705	0.705
Critical Headway, s	4.293	4.113	4.293	4.113	4.293	4.113	4.293	4.293
Entry Flow, veh/h	64	419	72	131	339	90	170	170
Cap Entry Lane, veh/h	830	847	948	959	1040	1045	963	963
Entry HV Adj Factor	0.984	0.981	0.986	0.977	0.980	0.978	0.979	0.979
Flow Entry, veh/h	63	411	71	128	332	88	166	166
Cap Entry, veh/h	817	831	935	937	1019	1022	943	943
V/C Ratio	0.077	0.494	0.076	0.137	0.326	0.086	0.177	0.177
Control Delay, s/veh	5.2	11.0	4.5	5.1	6.9	4.3	5.5	5.5
LOS	A	B	A	A	A	A	A	A
95th %tile Queue, veh	0	3	0	0	1	0	1	1

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Intersection

Intersection Delay, s/veh

Intersection LOS

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Approach NW

Entry Lanes 2

Conflicting Circle Lanes 2

Adj Approach Flow, veh/h 236

Demand Flow Rate, veh/h 241

Vehicles Circulating, veh/h 213

Vehicles Exiting, veh/h 681

Follow-Up Headway, s 3.186

Ped Vol Crossing Leg, #/h 0

Ped Cap Adj 1.000

Approach Delay, s/veh 5.2

Approach LOS A

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Lane Right

Designated Moves R

Assumed Moves R

RT Channelized

Lane Util 0.295

Critical Headway, s 4.113

Entry Flow, veh/h 71

Cap Entry Lane, veh/h 973

Entry HV Adj Factor 0.986

Flow Entry, veh/h 70

Cap Entry, veh/h 960

V/C Ratio 0.073

Control Delay, s/veh 4.4

LOS A

95th %tile Queue, veh 0