

HCM 2010 Roundabout  
Intersectia 1:

Centura metropolitana Cluj - Napoca  
Anexa 2 - nod 12 - an 2045

Intersection									
Intersection Delay, s/veh	6.7								
Intersection LOS	A								
Approach	WB		NB		SB		SE		NW
Entry Lanes	0		2		2		2		2
Conflicting Circle Lanes	2		2		2		2		2
Adj Approach Flow, veh/h	0		354		163		332		278
Demand Flow Rate, veh/h	0		361		166		339		284
Vehicles Circulating, veh/h	366		255		366		284		337
Vehicles Exiting, veh/h	255		0		0		248		279
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		6.5		6.1		6.4		7.8
Approach LOS	-		A		A		A		A
Lane	Left		Right	Left		Right	Left		Right
Designated Moves	L		TR	L		TR	LT		R
Assumed Moves	L		TR	L		TR	LT		R
RT Channelized									
Lane Util	0.227	0.773		0.000	1.000		0.752	0.248	1.000
Critical Headway, s	4.293	4.113		4.293	4.113		4.293	4.113	4.293
Entry Flow, veh/h	82	279		0	166		255	84	284
Cap Entry Lane, veh/h	933	945		859	875		913	926	878
Entry HV Adj Factor	0.976	0.982		1.000	0.982		0.980	0.976	0.979
Flow Entry, veh/h	80	274		0	163		250	82	278
Cap Entry, veh/h	910	928		859	859		895	904	859
V/C Ratio	0.088	0.295		0.000	0.190		0.279	0.091	0.324
Control Delay, s/veh	4.8	7.0		4.2	6.1		7.0	4.8	7.8
LOS	A	A		A	A		A	A	A
95th %tile Queue, veh	0	1		0	1		1	0	1

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Intersection

Intersection Delay, s/veh

Intersection LOS

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Approach	NE
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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	255
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Vehicles Exiting, veh/h	368
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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