

HCM 2010 Roundabout  
Intersectia 1:

Centura metropolitana Cluj - Napoca  
Anexa 1 - Nod 13 - an 2025

Intersection										
Intersection Delay, s/veh	7.8									
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		256		314		678		197	
Demand Flow Rate, veh/h	0		261		320		692		201	
Vehicles Circulating, veh/h	390		492		390		73		588	
Vehicles Exiting, veh/h	399		0		0		637		165	
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		6.9		8.6		7.6		8.3	
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	0.724		0.276		0.003		0.997		0.710	0.290
Critical Headway, s	4.293		4.113		4.293		4.113		4.293	4.113
Entry Flow, veh/h	189		72		1		319		491	201
Cap Entry Lane, veh/h	781		801		843		860		1070	1074
Entry HV Adj Factor	0.979		0.986		1.000		0.981		0.980	0.980
Flow Entry, veh/h	185		71		1		313		481	197
Cap Entry, veh/h	765		790		843		844		1048	1052
V/C Ratio	0.242		0.090		0.001		0.371		0.459	0.187
Control Delay, s/veh	7.4		5.5		4.3		8.6		8.6	5.1
LOS	A		A		A		A		A	A
95th %tile Queue, veh	1		0		0		2		2	1

Intersection	
Intersection Delay, s/veh	
Intersection LOS	
Approach	NE
Entry Lanes	0
Conflicting Circle Lanes	2
Adj Approach Flow, veh/h	0
Demand Flow Rate, veh/h	0
Vehicles Circulating, veh/h	492
Vehicles Exiting, veh/h	273
Follow-Up Headway, s	3.186
Ped Vol Crossing Leg, #/h	0
Ped Cap Adj	1.000
Approach Delay, s/veh	0.0
Approach LOS	-
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	