

HCM 2010 Roundabout
intersectia 1:

Centura metropolitana Cluj - Napoca

Anexa 2 - Nod 15 - an 2045

Intersection								
Intersection Delay, s/veh	7.8							
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	211	354	722			
Demand Flow Rate, veh/h	0	0	215	361	737			
Vehicles Circulating, veh/h	553	526	553	526	114			
Vehicles Exiting, veh/h	298	297	0	0	773			
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	8.3	7.8	7.5			
Approach LOS	-	-	A	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	1.000	0.000	0.316	0.684	0.596	0.404	0.733	0.733
Critical Headway, s	4.293	4.113	4.293	4.113	4.293	4.113	4.293	4.293
Entry Flow, veh/h	215	0	114	247	439	298	311	311
Cap Entry Lane, veh/h	746	767	762	782	1037	1043	838	838
Entry HV Adj Factor	0.981	1.000	0.982	0.980	0.979	0.980	0.980	0.980
Flow Entry, veh/h	211	0	112	242	430	292	305	305
Cap Entry, veh/h	732	767	748	766	1016	1022	821	821
V/C Ratio	0.288	0.000	0.150	0.316	0.423	0.286	0.371	0.371
Control Delay, s/veh	8.3	4.7	6.4	8.4	8.2	6.4	8.8	8.8
LOS	A	A	A	A	A	A	A	A
95th %tile Queue, veh	1	0	1	1	2	1	2	2

Intersection

Intersection Delay, s/veh

Intersection LOS

Approach	NW
----------	----

Entry Lanes	2
-------------	---

Conflicting Circle Lanes	2
--------------------------	---

Adj Approach Flow, veh/h	416
--------------------------	-----

Demand Flow Rate, veh/h	424
-------------------------	-----

Vehicles Circulating, veh/h	399
-----------------------------	-----

Vehicles Exiting, veh/h	369
-------------------------	-----

Follow-Up Headway, s	3.186
----------------------	-------

Ped Vol Crossing Leg, #/h	0
---------------------------	---

Ped Cap Adj	1.000
-------------	-------

Approach Delay, s/veh	7.9
-----------------------	-----

Approach LOS	A
--------------	---

Lane	Right
------	-------

Designated Moves	R
------------------	---

Assumed Moves	R
---------------	---

RT Channelized

Lane Util	0.267
-----------	-------

Critical Headway, s	4.113
---------------------	-------

Entry Flow, veh/h	113
-------------------	-----

Cap Entry Lane, veh/h	855
-----------------------	-----

Entry HV Adj Factor	0.982
---------------------	-------

Flow Entry, veh/h	111
-------------------	-----

Cap Entry, veh/h	839
------------------	-----

V/C Ratio	0.132
-----------	-------

Control Delay, s/veh	5.6
----------------------	-----

LOS	A
-----	---

95th %tile Queue, veh	0
-----------------------	---