

HCM 2010 Roundabout
Intersectia 1:

Centura metropolitana Cluj - Napoca
Anexa 1 - Nod 12 - an 2025

Intersection									
Intersection Delay, s/veh	4.0								
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	74	91	116	52				
Demand Flow Rate, veh/h	0	75	93	118	53				
Vehicles Circulating, veh/h	117	51	117	53	115				
Vehicles Exiting, veh/h	51	0	0	157	11				
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	3.8	4.3	3.8	4.0				
Approach LOS	-	A	A	A	A				
Lane	Left	Right	Left	Right	Left	Right	Left	Right	
Designated Moves	L	TR	L	TR	LT	R	LT	R	
Assumed Moves	L	TR	L	TR	LT	R	LT	R	
RT Channelized									
Lane Util	0.853	0.147	0.000	1.000	0.432	0.568	1.000	0.000	
Critical Headway, s	4.293	4.113	4.293	4.113	4.293	4.113	4.293	4.113	
Entry Flow, veh/h	64	11	0	93	51	67	53	0	
Cap Entry Lane, veh/h	1088	1090	1035	1041	1086	1089	1037	1043	
Entry HV Adj Factor	0.984	1.000	1.000	0.978	0.980	0.985	0.981	1.000	
Flow Entry, veh/h	63	11	0	91	50	66	52	0	
Cap Entry, veh/h	1071	1090	1035	1019	1065	1073	1017	1043	
V/C Ratio	0.059	0.010	0.000	0.089	0.047	0.062	0.051	0.000	
Control Delay, s/veh	3.9	3.4	3.5	4.3	3.8	3.9	4.0	3.5	
LOS	A	A	A	A	A	A	A	A	
95th %tile Queue, veh	0	0	0	0	0	0	0	0	

Intersection

Intersection Delay, s/veh

Intersection LOS

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	51
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Vehicles Exiting, veh/h	120
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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