

### 1: Dragos Voda & Strada Targul din Vale

Direction	NB	SE	NW	All
Future Volume (vph)	78	440	249	767
Control Delay / Veh (s/v)	13	0	0	1
Queue Delay / Veh (s/v)	0	0	0	0
Total Delay / Veh (s/v)	13	0	0	1
Total Delay (hr)	0	0	0	0
Stops / Veh	0.50	0.00	0.09	0.08
Stops (#)	39	0	22	61
Average Speed (km/hr)	25	50	50	48
Total Travel Time (hr)	1	4	3	8
Distance Traveled (km)	14	194	167	376
Fuel Consumed (l)	3	18	16	38
Fuel Economy (km/l)	4.7	10.5	10.2	9.9
CO Emissions (kg)	0.06	0.34	0.31	0.71
NOx Emissions (kg)	0.01	0.07	0.06	0.14
VOC Emissions (kg)	0.01	0.08	0.07	0.16
Unserviced Vehicles (#)	0	0	0	0
Vehicles in dilemma zone (#)	0	0	0	0

### 2: Strada Lanariei & Strada Targul din Vale & Strada Locala

Direction	EB	NB	SW	All
Future Volume (vph)	512	339	4	855
Control Delay / Veh (s/v)	0	0	0	0
Queue Delay / Veh (s/v)	0	0	0	0
Total Delay / Veh (s/v)	0	0	0	0
Total Delay (hr)	0	0	0	0
Stops / Veh	0.00	0.00	0.50	0.00
Stops (#)	0	0	2	2
Average Speed (km/hr)	50	50	50	50
Total Travel Time (hr)	7	4	0	11
Distance Traveled (km)	344	217	1	562
Fuel Consumed (l)	33	21	0	53
Fuel Economy (km/l)	10.5	10.5	NA	10.5
CO Emissions (kg)	0.61	0.38	0.00	0.99
NOx Emissions (kg)	0.12	0.07	0.00	0.19
VOC Emissions (kg)	0.14	0.09	0.00	0.23
Unserviced Vehicles (#)	0	0	0	0
Vehicles in dilemma zone (#)	0	0	0	0

### 3: Strada Basarabiei/Strada Lanariei & Bd. Petrochimistilor

Direction	SE	NW	NE	SW	All
Future Volume (vph)	1271	1361	759	530	3921
Control Delay / Veh (s/v)	0	0	0	0	0
Queue Delay / Veh (s/v)	0	0	0	0	0
Total Delay / Veh (s/v)	0	0	0	0	0
Total Delay (hr)	0	0	0	0	0
Stops / Veh	1.00	1.00	1.00	1.00	1.00
Stops (#)	1271	1361	759	530	3921
Average Speed (km/hr)	50	50	50	50	50
Total Travel Time (hr)	6	10	7	7	30
Distance Traveled (km)	310	520	333	339	1502
Fuel Consumed (l)	58	80	49	44	231
Fuel Economy (km/l)	5.3	6.5	6.8	7.7	6.5
CO Emissions (kg)	1.08	1.49	0.91	0.82	4.29
NOx Emissions (kg)	0.21	0.29	0.17	0.16	0.83
VOC Emissions (kg)	0.25	0.34	0.21	0.19	0.99
Unserviced Vehicles (#)	0	0	0	0	0
Vehicles in dilemma zone (#)	0	0	0	0	0

### 4: Bd. Petrochimistilor/Bd. Fratii Golesti & Bd. Republicii

Direction	SE	NW	All
Future Volume (vph)	1276	994	2270
Control Delay / Veh (s/v)	0	0	0
Queue Delay / Veh (s/v)	0	0	0
Total Delay / Veh (s/v)	0	0	0
Total Delay (hr)	0	0	0
Stops / Veh	0.50	0.00	0.28
Stops (#)	638	0	638
Average Speed (km/hr)	50	50	50
Total Travel Time (hr)	19	5	24
Distance Traveled (km)	954	242	1196
Fuel Consumed (l)	105	23	128
Fuel Economy (km/l)	9.1	10.5	9.3
CO Emissions (kg)	1.95	0.43	2.38
NOx Emissions (kg)	0.38	0.08	0.46
VOC Emissions (kg)	0.45	0.10	0.55
Unserviced Vehicles (#)	0	0	0
Vehicles in dilemma zone (#)	0	0	0

5: A. Iancu & Bd. Republicii

Direction	WB	NB	All
Future Volume (vph)	982	304	1286
Control Delay / Veh (s/v)	0	0	0
Queue Delay / Veh (s/v)	0	0	0
Total Delay / Veh (s/v)	0	0	0
Total Delay (hr)	0	0	0
Stops / Veh	0.00	0.50	0.12
Stops (#)	0	152	152
Average Speed (km/hr)	50	50	50
Total Travel Time (hr)	16	1	16
Distance Traveled (km)	782	27	809
Fuel Consumed (l)	74	6	80
Fuel Economy (km/l)	10.5	4.5	10.1
CO Emissions (kg)	1.38	0.11	1.49
NOx Emissions (kg)	0.27	0.02	0.29
VOC Emissions (kg)	0.32	0.03	0.34
Unserviced Vehicles (#)	0	0	0
Vehicles in dilemma zone (#)	0	0	0

6: Gh.Doja/A. Iancu & Bd. Fratii Golesti

Direction	NB	SB	SE	All
Future Volume (vph)	538	119	1220	1877
Control Delay / Veh (s/v)	0	0	0	0
Queue Delay / Veh (s/v)	0	0	0	0
Total Delay / Veh (s/v)	0	0	0	0
Total Delay (hr)	0	0	0	0
Stops / Veh	0.50	0.50	0.00	0.17
Stops (#)	268	59	0	327
Average Speed (km/hr)	50	50	50	50
Total Travel Time (hr)	2	0	11	13
Distance Traveled (km)	84	11	534	628
Fuel Consumed (l)	14	2	51	67
Fuel Economy (km/l)	6.0	4.5	10.5	9.4
CO Emissions (kg)	0.26	0.04	0.94	1.25
NOx Emissions (kg)	0.05	0.01	0.18	0.24
VOC Emissions (kg)	0.06	0.01	0.22	0.29
Unserviced Vehicles (#)	0	0	0	0
Vehicles in dilemma zone (#)	0	0	0	0

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Network Totals

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Number of Intersections	6
Control Delay / Veh (s/v)	0
Queue Delay / Veh (s/v)	0
Total Delay / Veh (s/v)	0
Total Delay (hr)	0
Stops / Veh	0.46
Stops (#)	5101
Average Speed (km/hr)	50
Total Travel Time (hr)	102
Distance Traveled (km)	5072
Fuel Consumed (l)	597
Fuel Economy (km/l)	8.5
CO Emissions (kg)	11.11
NOx Emissions (kg)	2.14
VOC Emissions (kg)	2.56
Unserviced Vehicles (#)	0
Vehicles in dilemma zone (#)	0
Performance Index	14.5