

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

Direction	NB	SE	NW	All
Future Volume (vph)	80	452	257	789
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 (#)	40	0	23	63
Average Speed (km/hr)	25	50	50	48
Total Travel Time (hr)	1	4	3	8
Distance Traveled (km)	14	200	173	387
Fuel Consumed (l)	3	19	17	39
Fuel Economy (km/l)	4.7	10.5	10.2	9.9
CO Emissions (kg)	0.06	0.35	0.32	0.73
NOx Emissions (kg)	0.01	0.07	0.06	0.14
VOC Emissions (kg)	0.01	0.08	0.07	0.17
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)	525	349	4	878
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	12
Distance Traveled (km)	353	223	1	577
Fuel Consumed (l)	34	21	0	55
Fuel Economy (km/l)	10.5	10.5	NA	10.5
CO Emissions (kg)	0.62	0.39	0.00	1.02
NOx Emissions (kg)	0.12	0.08	0.00	0.20
VOC Emissions (kg)	0.14	0.09	0.00	0.24
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)	1306	1402	781	545	4034
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 (#)	1306	1402	781	545	4034
Average Speed (km/hr)	50	50	50	50	50
Total Travel Time (hr)	6	11	7	7	31
Distance Traveled (km)	318	536	343	349	1545
Fuel Consumed (l)	59	82	50	45	237
Fuel Economy (km/l)	5.3	6.5	6.8	7.7	6.5
CO Emissions (kg)	1.11	1.53	0.93	0.84	4.41
NOx Emissions (kg)	0.21	0.30	0.18	0.16	0.85
VOC Emissions (kg)	0.26	0.35	0.21	0.19	1.02
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)	1313	1022	2335
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 (#)	656	0	656
Average Speed (km/hr)	50	50	50
Total Travel Time (hr)	20	5	25
Distance Traveled (km)	981	249	1230
Fuel Consumed (l)	108	24	132
Fuel Economy (km/l)	9.1	10.5	9.3
CO Emissions (kg)	2.01	0.44	2.45
NOx Emissions (kg)	0.39	0.08	0.47
VOC Emissions (kg)	0.46	0.10	0.56
Unserviced Vehicles (#)	0	0	0
Vehicles in dilemma zone (#)	0	0	0

5: A. Iancu & Bd. Republicii

Direction	WB	NB	All
Future Volume (vph)	1008	313	1321
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	156	156
Average Speed (km/hr)	50	50	50
Total Travel Time (hr)	16	1	17
Distance Traveled (km)	803	28	830
Fuel Consumed (l)	76	6	82
Fuel Economy (km/l)	10.5	4.5	10.1
CO Emissions (kg)	1.42	0.11	1.53
NOx Emissions (kg)	0.27	0.02	0.30
VOC Emissions (kg)	0.33	0.03	0.35
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)	553	121	1253	1927
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 (#)	276	60	0	336
Average Speed (km/hr)	50	50	50	50
Total Travel Time (hr)	2	0	11	13
Distance Traveled (km)	86	11	548	645
Fuel Consumed (l)	14	2	52	69
Fuel Economy (km/l)	6.0	4.5	10.5	9.4
CO Emissions (kg)	0.27	0.04	0.97	1.28
NOx Emissions (kg)	0.05	0.01	0.19	0.25
VOC Emissions (kg)	0.06	0.01	0.22	0.30
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 (#)	5247
Average Speed (km/hr)	50
Total Travel Time (hr)	105
Distance Traveled (km)	5215
Fuel Consumed (l)	614
Fuel Economy (km/l)	8.5
CO Emissions (kg)	11.42
NOx Emissions (kg)	2.20
VOC Emissions (kg)	2.63
Unserved Vehicles (#)	0
Vehicles in dilemma zone (#)	0
Performance Index	14.9