

1: Dragos Voda & Strada Targul din Vale

Direction	NB	SE	NW	All
Future Volume (vph)	76	427	243	746
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 (#)	38	0	21	59
Average Speed (km/hr)	25	50	50	48
Total Travel Time (hr)	1	4	3	8
Distance Traveled (km)	14	189	163	366
Fuel Consumed (l)	3	18	16	37
Fuel Economy (km/l)	4.7	10.5	10.2	9.9
CO Emissions (kg)	0.05	0.33	0.30	0.69
NOx Emissions (kg)	0.01	0.06	0.06	0.13
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)	497	329	4	830
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)	334	210	1	545
Fuel Consumed (l)	32	20	0	52
Fuel Economy (km/l)	10.5	10.5	NA	10.5
CO Emissions (kg)	0.59	0.37	0.00	0.96
NOx Emissions (kg)	0.11	0.07	0.00	0.19
VOC Emissions (kg)	0.14	0.09	0.00	0.22
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)	1236	1323	737	515	3811
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 (#)	1236	1323	737	515	3811
Average Speed (km/hr)	50	50	50	50	50
Total Travel Time (hr)	6	10	6	7	29
Distance Traveled (km)	301	506	324	329	1460
Fuel Consumed (l)	56	78	47	43	224
Fuel Economy (km/l)	5.3	6.5	6.8	7.7	6.5
CO Emissions (kg)	1.05	1.44	0.88	0.80	4.17
NOx Emissions (kg)	0.20	0.28	0.17	0.15	0.80
VOC Emissions (kg)	0.24	0.33	0.20	0.18	0.96
Unserved 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)	1241	966	2207
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 (#)	620	0	620
Average Speed (km/hr)	50	50	50
Total Travel Time (hr)	19	5	23
Distance Traveled (km)	928	235	1163
Fuel Consumed (l)	102	22	124
Fuel Economy (km/l)	9.1	10.5	9.3
CO Emissions (kg)	1.90	0.42	2.31
NOx Emissions (kg)	0.37	0.08	0.45
VOC Emissions (kg)	0.44	0.10	0.53
Unserved Vehicles (#)	0	0	0
Vehicles in dilemma zone (#)	0	0	0

5: A. Iancu & Bd. Republicii

Direction	WB	NB	All
Future Volume (vph)	953	295	1248
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	147	147
Average Speed (km/hr)	50	50	50
Total Travel Time (hr)	15	1	16
Distance Traveled (km)	759	26	785
Fuel Consumed (l)	72	6	78
Fuel Economy (km/l)	10.5	4.5	10.1
CO Emissions (kg)	1.34	0.11	1.45
NOx Emissions (kg)	0.26	0.02	0.28
VOC Emissions (kg)	0.31	0.02	0.33
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)	524	115	1186	1825
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 (#)	262	57	0	319
Average Speed (km/hr)	50	50	50	50
Total Travel Time (hr)	2	0	10	12
Distance Traveled (km)	82	10	519	611
Fuel Consumed (l)	14	2	49	65
Fuel Economy (km/l)	6.0	4.5	10.5	9.4
CO Emissions (kg)	0.25	0.04	0.92	1.21
NOx Emissions (kg)	0.05	0.01	0.18	0.23
VOC Emissions (kg)	0.06	0.01	0.21	0.28
Unserviced Vehicles (#)	0	0	0	0
Vehicles in dilemma zone (#)	0	0	0	0

Network Totals

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 (#)	4958
Average Speed (km/hr)	50
Total Travel Time (hr)	99
Distance Traveled (km)	4929
Fuel Consumed (l)	580
Fuel Economy (km/l)	8.5
CO Emissions (kg)	10.79
NOx Emissions (kg)	2.08
VOC Emissions (kg)	2.49
Unserved Vehicles (#)	0
Vehicles in dilemma zone (#)	0
Performance Index	14.1