

1: Dragos Voda & Strada Targul din Vale

Direction	SE	NW	NE	All
Future Volume (vph)	818	383	86	1287
Control Delay / Veh (s/v)	0	1	29	2
Queue Delay / Veh (s/v)	0	0	0	0
Total Delay / Veh (s/v)	0	1	29	2
Total Delay (hr)	0	0	1	1
Stops / Veh	0.00	0.13	0.50	0.07
Stops (#)	0	48	43	91
Average Speed (km/hr)	50	46	16	46
Total Travel Time (hr)	7	1	1	9
Distance Traveled (km)	368	44	16	428
Fuel Consumed (l)	35	5	4	45
Fuel Economy (km/l)	10.5	8.1	3.7	9.6
CO Emissions (kg)	0.65	0.10	0.08	0.83
NOx Emissions (kg)	0.13	0.02	0.02	0.16
VOC Emissions (kg)	0.15	0.02	0.02	0.19
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)	315	300	4	619
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)	2	4	0	6
Distance Traveled (km)	122	192	1	315
Fuel Consumed (l)	12	18	0	30
Fuel Economy (km/l)	10.5	10.5	NA	10.5
CO Emissions (kg)	0.22	0.34	0.00	0.56
NOx Emissions (kg)	0.04	0.07	0.00	0.11
VOC Emissions (kg)	0.05	0.08	0.00	0.13
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)	1225	1382	743	236	3586
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 (#)	1225	1382	743	236	3586
Average Speed (km/hr)	50	50	50	50	50
Total Travel Time (hr)	6	9	5	3	23
Distance Traveled (km)	304	460	228	151	1144
Fuel Consumed (l)	56	75	38	20	189
Fuel Economy (km/l)	5.4	6.2	6.0	7.7	6.1
CO Emissions (kg)	1.05	1.39	0.71	0.37	3.52
NOx Emissions (kg)	0.20	0.27	0.14	0.07	0.68
VOC Emissions (kg)	0.24	0.32	0.16	0.08	0.81
Unserved Vehicles (#)	0	0	0	0	0
Vehicles in dilemma zone (#)	0	0	0	0	0

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

Direction	SE	NW	All
Future Volume (vph)	1511	1153	2664
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	0.00	0.00
Stops (#)	0	0	0
Average Speed (km/hr)	50	50	50
Total Travel Time (hr)	23	6	28
Distance Traveled (km)	1135	286	1421
Fuel Consumed (l)	108	27	135
Fuel Economy (km/l)	10.5	10.5	10.5
CO Emissions (kg)	2.01	0.51	2.51
NOx Emissions (kg)	0.39	0.10	0.48
VOC Emissions (kg)	0.46	0.12	0.58
Unserved Vehicles (#)	0	0	0
Vehicles in dilemma zone (#)	0	0	0

5: A. Iancu & Republicii/Bd. Republicii

Direction	NB	NW	All
Future Volume (vph)	295	1696	1991
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	0.07
Stops (#)	147	0	147
Average Speed (km/hr)	50	50	50
Total Travel Time (hr)	0	13	14
Distance Traveled (km)	25	669	694
Fuel Consumed (l)	6	64	69
Fuel Economy (km/l)	4.4	10.5	10.0
CO Emissions (kg)	0.11	1.18	1.29
NOx Emissions (kg)	0.02	0.23	0.25
VOC Emissions (kg)	0.02	0.27	0.30
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)	642	555	1186	2383
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	0.25
Stops (#)	321	277	0	598
Average Speed (km/hr)	50	50	50	50
Total Travel Time (hr)	3	1	9	13
Distance Traveled (km)	128	47	470	644
Fuel Consumed (l)	19	11	45	75
Fuel Economy (km/l)	6.6	4.4	10.5	8.6
CO Emissions (kg)	0.36	0.20	0.83	1.39
NOx Emissions (kg)	0.07	0.04	0.16	0.27
VOC Emissions (kg)	0.08	0.05	0.19	0.32
Unserviced Vehicles (#)	0	0	0	0
Vehicles in dilemma zone (#)	0	0	0	0

7: pasaj & Strada Targul din Vale

Direction	SE	NW	NE	All
Future Volume (vph)	854	301	224	1379
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	1.00	1.00	1.00	1.00
Stops (#)	854	301	224	1379
Average Speed (km/hr)	50	50	50	50
Total Travel Time (hr)	2	1	1	4
Distance Traveled (km)	97	47	33	177
Fuel Consumed (l)	28	11	8	48
Fuel Economy (km/l)	3.4	4.2	4.0	3.7
CO Emissions (kg)	0.53	0.21	0.15	0.89
NOx Emissions (kg)	0.10	0.04	0.03	0.17
VOC Emissions (kg)	0.12	0.05	0.03	0.20
Unserviced Vehicles (#)	0	0	0	0
Vehicles in dilemma zone (#)	0	0	0	0

8: Acces secundar & Strada Targul din Vale

Direction	WB	NB	SE	All
Future Volume (vph)	301	48	363	712
Control Delay / Veh (s/v)	0	10	0	1
Queue Delay / Veh (s/v)	0	0	0	0
Total Delay / Veh (s/v)	0	10	0	1
Total Delay (hr)	0	0	0	0
Stops / Veh	0.00	0.50	0.00	0.03
Stops (#)	0	24	0	24
Average Speed (km/hr)	50	23	50	48
Total Travel Time (hr)	2	0	1	4
Distance Traveled (km)	117	5	57	179
Fuel Consumed (l)	11	1	5	18
Fuel Economy (km/l)	10.5	3.8	10.5	10.0
CO Emissions (kg)	0.21	0.03	0.10	0.33
NOx Emissions (kg)	0.04	0.01	0.02	0.06
VOC Emissions (kg)	0.05	0.01	0.02	0.08
Unserviced Vehicles (#)	0	0	0	0
Vehicles in dilemma zone (#)	0	0	0	0

9: Republicii & pasaj

Direction	NW	SW	All
Future Volume (vph)	1543	418	1961
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	0.11
Stops (#)	0	209	209
Average Speed (km/hr)	50	50	50
Total Travel Time (hr)	12	1	14
Distance Traveled (km)	612	72	684
Fuel Consumed (l)	58	12	70
Fuel Economy (km/l)	10.5	6.3	9.8
CO Emissions (kg)	1.08	0.21	1.30
NOx Emissions (kg)	0.21	0.04	0.25
VOC Emissions (kg)	0.25	0.05	0.30
Unserviced Vehicles (#)	0	0	0
Vehicles in dilemma zone (#)	0	0	0

10: pasaj & Acces principal pasaj

Direction	WB	NE	SW	All
Future Volume (vph)	323	504	637	1464
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	1.00	1.00	1.00	1.00
Stops (#)	323	504	637	1464
Average Speed (km/hr)	50	50	50	50
Total Travel Time (hr)	1	2	2	4
Distance Traveled (km)	29	87	93	209
Fuel Consumed (l)	10	20	23	53
Fuel Economy (km/l)	2.9	4.5	4.0	4.0
CO Emissions (kg)	0.19	0.36	0.43	0.98
NOx Emissions (kg)	0.04	0.07	0.08	0.19
VOC Emissions (kg)	0.04	0.08	0.10	0.23
Unserviced Vehicles (#)	0	0	0	0
Vehicles in dilemma zone (#)	0	0	0	0

Network Totals

Number of Intersections	10
Control Delay / Veh (s/v)	0
Queue Delay / Veh (s/v)	0
Total Delay / Veh (s/v)	0
Total Delay (hr)	1
Stops / Veh	0.42
Stops (#)	7500
Average Speed (km/hr)	50
Total Travel Time (hr)	119
Distance Traveled (km)	5894
Fuel Consumed (l)	731
Fuel Economy (km/l)	8.1
CO Emissions (kg)	13.59
NOx Emissions (kg)	2.62
VOC Emissions (kg)	3.13
Unserviced Vehicles (#)	0
Vehicles in dilemma zone (#)	0
Performance Index	21.7