

1: Dragos Voda & Strada Targul din Vale

Direction	SE	NW	NE	All
Future Volume (vph)	866	407	91	1364
Control Delay / Veh (s/v)	0	1	34	2
Queue Delay / Veh (s/v)	0	0	0	0
Total Delay / Veh (s/v)	0	1	34	2
Total Delay (hr)	0	0	1	1
Stops / Veh	0.00	0.14	0.49	0.07
Stops (#)	0	57	45	102
Average Speed (km/hr)	50	46	15	45
Total Travel Time (hr)	8	1	1	10
Distance Traveled (km)	389	46	17	453
Fuel Consumed (l)	37	6	5	48
Fuel Economy (km/l)	10.5	7.9	3.5	9.5
CO Emissions (kg)	0.69	0.11	0.09	0.89
NOx Emissions (kg)	0.13	0.02	0.02	0.17
VOC Emissions (kg)	0.16	0.03	0.02	0.21
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)	333	317	4	654
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)	3	4	0	7
Distance Traveled (km)	129	203	1	333
Fuel Consumed (l)	12	19	0	32
Fuel Economy (km/l)	10.5	10.5	NA	10.5
CO Emissions (kg)	0.23	0.36	0.00	0.59
NOx Emissions (kg)	0.04	0.07	0.00	0.11
VOC Emissions (kg)	0.05	0.08	0.00	0.14
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)	1295	1461	787	250	3793
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 (#)	1295	1461	787	250	3793
Average Speed (km/hr)	50	50	50	50	50
Total Travel Time (hr)	6	10	5	3	24
Distance Traveled (km)	321	487	242	160	1210
Fuel Consumed (l)	60	79	41	21	200
Fuel Economy (km/l)	5.4	6.2	6.0	7.7	6.1
CO Emissions (kg)	1.11	1.47	0.76	0.39	3.72
NOx Emissions (kg)	0.21	0.28	0.15	0.07	0.72
VOC Emissions (kg)	0.26	0.34	0.17	0.09	0.86
Unserviced 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)	1599	1219	2818
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)	24	6	30
Distance Traveled (km)	1201	303	1503
Fuel Consumed (l)	114	29	143
Fuel Economy (km/l)	10.5	10.5	10.5
CO Emissions (kg)	2.12	0.53	2.66
NOx Emissions (kg)	0.41	0.10	0.51
VOC Emissions (kg)	0.49	0.12	0.61
Unserviced Vehicles (#)	0	0	0
Vehicles in dilemma zone (#)	0	0	0

5: A. Iancu & Republicii/Bd. Republicii

Direction	NB	NW	All
Future Volume (vph)	313	1794	2107
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 (#)	156	0	156
Average Speed (km/hr)	50	50	50
Total Travel Time (hr)	1	14	15
Distance Traveled (km)	26	708	734
Fuel Consumed (l)	6	67	73
Fuel Economy (km/l)	4.4	10.5	10.0
CO Emissions (kg)	0.11	1.25	1.36
NOx Emissions (kg)	0.02	0.24	0.26
VOC Emissions (kg)	0.03	0.29	0.31
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)	679	586	1253	2518
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 (#)	339	293	0	632
Average Speed (km/hr)	50	50	50	50
Total Travel Time (hr)	3	1	10	14
Distance Traveled (km)	135	49	496	681
Fuel Consumed (l)	20	11	47	79
Fuel Economy (km/l)	6.6	4.4	10.5	8.6
CO Emissions (kg)	0.38	0.21	0.88	1.47
NOx Emissions (kg)	0.07	0.04	0.17	0.28
VOC Emissions (kg)	0.09	0.05	0.20	0.34
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)	903	318	237	1458
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 (#)	903	318	237	1458
Average Speed (km/hr)	50	50	50	50
Total Travel Time (hr)	2	1	1	4
Distance Traveled (km)	103	50	35	187
Fuel Consumed (l)	30	12	9	50
Fuel Economy (km/l)	3.4	4.2	4.0	3.7
CO Emissions (kg)	0.56	0.22	0.16	0.94
NOx Emissions (kg)	0.11	0.04	0.03	0.18
VOC Emissions (kg)	0.13	0.05	0.04	0.22
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)	318	51	479	848
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	0.49	0.00	0.03
Stops (#)	0	25	0	25
Average Speed (km/hr)	50	22	50	48
Total Travel Time (hr)	2	0	1	4
Distance Traveled (km)	124	6	75	204
Fuel Consumed (l)	12	2	7	20
Fuel Economy (km/l)	10.5	3.8	10.5	10.0
CO Emissions (kg)	0.22	0.03	0.13	0.38
NOx Emissions (kg)	0.04	0.01	0.03	0.07
VOC Emissions (kg)	0.05	0.01	0.03	0.09
Unserviced Vehicles (#)	0	0	0	0
Vehicles in dilemma zone (#)	0	0	0	0

9: Republicii & pasaj

Direction	NW	SW	All
Future Volume (vph)	1632	443	2075
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	221	221
Average Speed (km/hr)	50	50	50
Total Travel Time (hr)	13	2	15
Distance Traveled (km)	647	77	724
Fuel Consumed (l)	62	12	74
Fuel Economy (km/l)	10.5	6.3	9.8
CO Emissions (kg)	1.14	0.23	1.37
NOx Emissions (kg)	0.22	0.04	0.26
VOC Emissions (kg)	0.26	0.05	0.32
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)	342	534	580	1456
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 (#)	342	534	580	1456
Average Speed (km/hr)	50	50	50	50
Total Travel Time (hr)	1	2	2	4
Distance Traveled (km)	31	92	84	207
Fuel Consumed (l)	11	21	21	52
Fuel Economy (km/l)	2.9	4.5	4.0	4.0
CO Emissions (kg)	0.20	0.39	0.39	0.97
NOx Emissions (kg)	0.04	0.07	0.08	0.19
VOC Emissions (kg)	0.05	0.09	0.09	0.22
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	0.41
Stops (#)	7845
Average Speed (km/hr)	50
Total Travel Time (hr)	126
Distance Traveled (km)	6236
Fuel Consumed (l)	771
Fuel Economy (km/l)	8.1
CO Emissions (kg)	14.35
NOx Emissions (kg)	2.77
VOC Emissions (kg)	3.31
Unserviced Vehicles (#)	0
Vehicles in dilemma zone (#)	0
Performance Index	22.9