

1: Dragos Voda & Strada Targul din Vale

Direction	SE	NW	NE	All
Future Volume (vph)	842	395	89	1326
Control Delay / Veh (s/v)	0	1	31	2
Queue Delay / Veh (s/v)	0	0	0	0
Total Delay / Veh (s/v)	0	1	31	2
Total Delay (hr)	0	0	1	1
Stops / Veh	0.00	0.13	0.49	0.07
Stops (#)	0	52	44	96
Average Speed (km/hr)	50	46	15	46
Total Travel Time (hr)	8	1	1	10
Distance Traveled (km)	378	45	17	440
Fuel Consumed (l)	36	6	5	46
Fuel Economy (km/l)	10.5	8.0	3.6	9.5
CO Emissions (kg)	0.67	0.10	0.09	0.86
NOx Emissions (kg)	0.13	0.02	0.02	0.17
VOC Emissions (kg)	0.15	0.02	0.02	0.20
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)	324	309	4	637
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	6
Distance Traveled (km)	126	198	1	324
Fuel Consumed (l)	12	19	0	31
Fuel Economy (km/l)	10.5	10.5	NA	10.5
CO Emissions (kg)	0.22	0.35	0.00	0.57
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)	1261	1422	765	244	3692
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 (#)	1261	1422	765	244	3692
Average Speed (km/hr)	50	50	50	50	50
Total Travel Time (hr)	6	9	5	3	24
Distance Traveled (km)	313	474	235	156	1178
Fuel Consumed (l)	58	77	39	20	195
Fuel Economy (km/l)	5.4	6.2	6.0	7.7	6.1
CO Emissions (kg)	1.08	1.43	0.73	0.38	3.62
NOx Emissions (kg)	0.21	0.28	0.14	0.07	0.70
VOC Emissions (kg)	0.25	0.33	0.17	0.09	0.84
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)	1555	1186	2741
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	29
Distance Traveled (km)	1168	294	1462
Fuel Consumed (l)	111	28	139
Fuel Economy (km/l)	10.5	10.5	10.5
CO Emissions (kg)	2.06	0.52	2.58
NOx Emissions (kg)	0.40	0.10	0.50
VOC Emissions (kg)	0.48	0.12	0.60
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)	304	1745	2049
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 (#)	152	0	152
Average Speed (km/hr)	50	50	50
Total Travel Time (hr)	1	14	14
Distance Traveled (km)	26	688	714
Fuel Consumed (l)	6	65	71
Fuel Economy (km/l)	4.4	10.5	10.0
CO Emissions (kg)	0.11	1.22	1.32
NOx Emissions (kg)	0.02	0.23	0.26
VOC Emissions (kg)	0.03	0.28	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)	661	570	1220	2451
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 (#)	330	285	0	615
Average Speed (km/hr)	50	50	50	50
Total Travel Time (hr)	3	1	10	13
Distance Traveled (km)	132	48	483	663
Fuel Consumed (l)	20	11	46	77
Fuel Economy (km/l)	6.6	4.4	10.5	8.6
CO Emissions (kg)	0.37	0.20	0.85	1.43
NOx Emissions (kg)	0.07	0.04	0.16	0.28
VOC Emissions (kg)	0.09	0.05	0.20	0.33
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)	879	309	231	1419
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 (#)	879	309	231	1419
Average Speed (km/hr)	50	50	50	50
Total Travel Time (hr)	2	1	1	4
Distance Traveled (km)	100	48	34	182
Fuel Consumed (l)	29	12	8	49
Fuel Economy (km/l)	3.4	4.2	4.0	3.7
CO Emissions (kg)	0.54	0.21	0.16	0.91
NOx Emissions (kg)	0.10	0.04	0.03	0.18
VOC Emissions (kg)	0.13	0.05	0.04	0.21
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)	309	50	374	733
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	25	0	25
Average Speed (km/hr)	50	23	50	48
Total Travel Time (hr)	2	0	1	4
Distance Traveled (km)	120	6	58	184
Fuel Consumed (l)	11	1	6	18
Fuel Economy (km/l)	10.5	3.8	10.5	10.0
CO Emissions (kg)	0.21	0.03	0.10	0.34
NOx Emissions (kg)	0.04	0.01	0.02	0.07
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)	1588	431	2019
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	215	215
Average Speed (km/hr)	50	50	50
Total Travel Time (hr)	13	1	14
Distance Traveled (km)	630	75	705
Fuel Consumed (l)	60	12	72
Fuel Economy (km/l)	10.5	6.3	9.8
CO Emissions (kg)	1.11	0.22	1.33
NOx Emissions (kg)	0.21	0.04	0.26
VOC Emissions (kg)	0.26	0.05	0.31
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)	333	519	655	1507
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 (#)	333	519	655	1507
Average Speed (km/hr)	50	50	50	50
Total Travel Time (hr)	1	2	2	4
Distance Traveled (km)	30	90	95	215
Fuel Consumed (l)	10	20	24	54
Fuel Economy (km/l)	2.9	4.5	4.0	4.0
CO Emissions (kg)	0.19	0.38	0.44	1.01
NOx Emissions (kg)	0.04	0.07	0.09	0.19
VOC Emissions (kg)	0.04	0.09	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 (#)	7723
Average Speed (km/hr)	50
Total Travel Time (hr)	122
Distance Traveled (km)	6067
Fuel Consumed (l)	752
Fuel Economy (km/l)	8.1
CO Emissions (kg)	13.99
NOx Emissions (kg)	2.70
VOC Emissions (kg)	3.23
Unserviced Vehicles (#)	0
Vehicles in dilemma zone (#)	0
Performance Index	22.4