

1: Dragos Voda & Strada Targul din Vale

Direction	NB	SE	NW	All
Future Volume (vph)	73	411	233	717
Control Delay / Veh (s/v)	12	0	0	1
Queue Delay / Veh (s/v)	0	0	0	0
Total Delay / Veh (s/v)	12	0	0	1
Total Delay (hr)	0	0	0	0
Stops / Veh	0.49	0.00	0.09	0.08
Stops (#)	36	0	20	56
Average Speed (km/hr)	25	50	50	48
Total Travel Time (hr)	1	4	3	7
Distance Traveled (km)	13	181	157	351
Fuel Consumed (l)	3	17	15	35
Fuel Economy (km/l)	4.8	10.5	10.2	9.9
CO Emissions (kg)	0.05	0.32	0.29	0.66
NOx Emissions (kg)	0.01	0.06	0.06	0.13
VOC Emissions (kg)	0.01	0.07	0.07	0.15
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)	477	316	4	797
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)	6	4	0	10
Distance Traveled (km)	321	202	1	524
Fuel Consumed (l)	30	19	0	50
Fuel Economy (km/l)	10.5	10.5	NA	10.5
CO Emissions (kg)	0.57	0.36	0.00	0.93
NOx Emissions (kg)	0.11	0.07	0.00	0.18
VOC Emissions (kg)	0.13	0.08	0.00	0.21
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)	1189	1273	709	495	3666
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 (#)	1189	1273	709	495	3666
Average Speed (km/hr)	50	50	50	50	50
Total Travel Time (hr)	6	10	6	6	28
Distance Traveled (km)	290	486	311	317	1404
Fuel Consumed (l)	54	75	45	41	216
Fuel Economy (km/l)	5.3	6.5	6.8	7.7	6.5
CO Emissions (kg)	1.01	1.39	0.85	0.77	4.01
NOx Emissions (kg)	0.19	0.27	0.16	0.15	0.77
VOC Emissions (kg)	0.23	0.32	0.20	0.18	0.92
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)	1192	929	2121
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 (#)	596	0	596
Average Speed (km/hr)	50	50	50
Total Travel Time (hr)	18	5	22
Distance Traveled (km)	891	226	1117
Fuel Consumed (l)	98	22	120
Fuel Economy (km/l)	9.1	10.5	9.3
CO Emissions (kg)	1.82	0.40	2.22
NOx Emissions (kg)	0.35	0.08	0.43
VOC Emissions (kg)	0.42	0.09	0.51
Unserved Vehicles (#)	0	0	0
Vehicles in dilemma zone (#)	0	0	0

5: A. Iancu & Bd. Republicii

Direction	WB	NB	All
Future Volume (vph)	918	284	1202
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	142	142
Average Speed (km/hr)	50	50	50
Total Travel Time (hr)	15	1	15
Distance Traveled (km)	731	25	756
Fuel Consumed (l)	69	6	75
Fuel Economy (km/l)	10.5	4.5	10.1
CO Emissions (kg)	1.29	0.10	1.40
NOx Emissions (kg)	0.25	0.02	0.27
VOC Emissions (kg)	0.30	0.02	0.32
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)	503	111	1140	1754
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 (#)	251	55	0	306
Average Speed (km/hr)	50	50	50	50
Total Travel Time (hr)	2	0	10	12
Distance Traveled (km)	78	10	499	587
Fuel Consumed (l)	13	2	47	63
Fuel Economy (km/l)	6.0	4.5	10.5	9.4
CO Emissions (kg)	0.24	0.04	0.88	1.16
NOx Emissions (kg)	0.05	0.01	0.17	0.22
VOC Emissions (kg)	0.06	0.01	0.20	0.27
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 (#)	4768
Average Speed (km/hr)	50
Total Travel Time (hr)	95
Distance Traveled (km)	4739
Fuel Consumed (l)	558
Fuel Economy (km/l)	8.5
CO Emissions (kg)	10.38
NOx Emissions (kg)	2.00
VOC Emissions (kg)	2.39
Unserved Vehicles (#)	0
Vehicles in dilemma zone (#)	0
Performance Index	13.5