

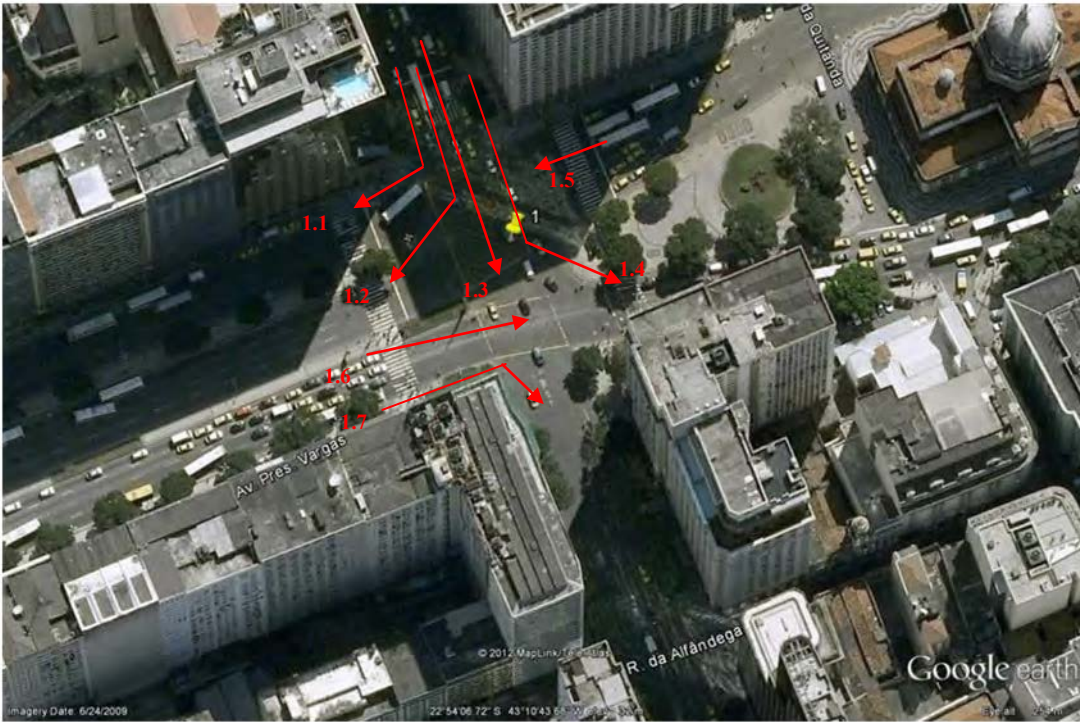
APPENDIX 7

Result of Traffic Survey in Rio de Janeiro

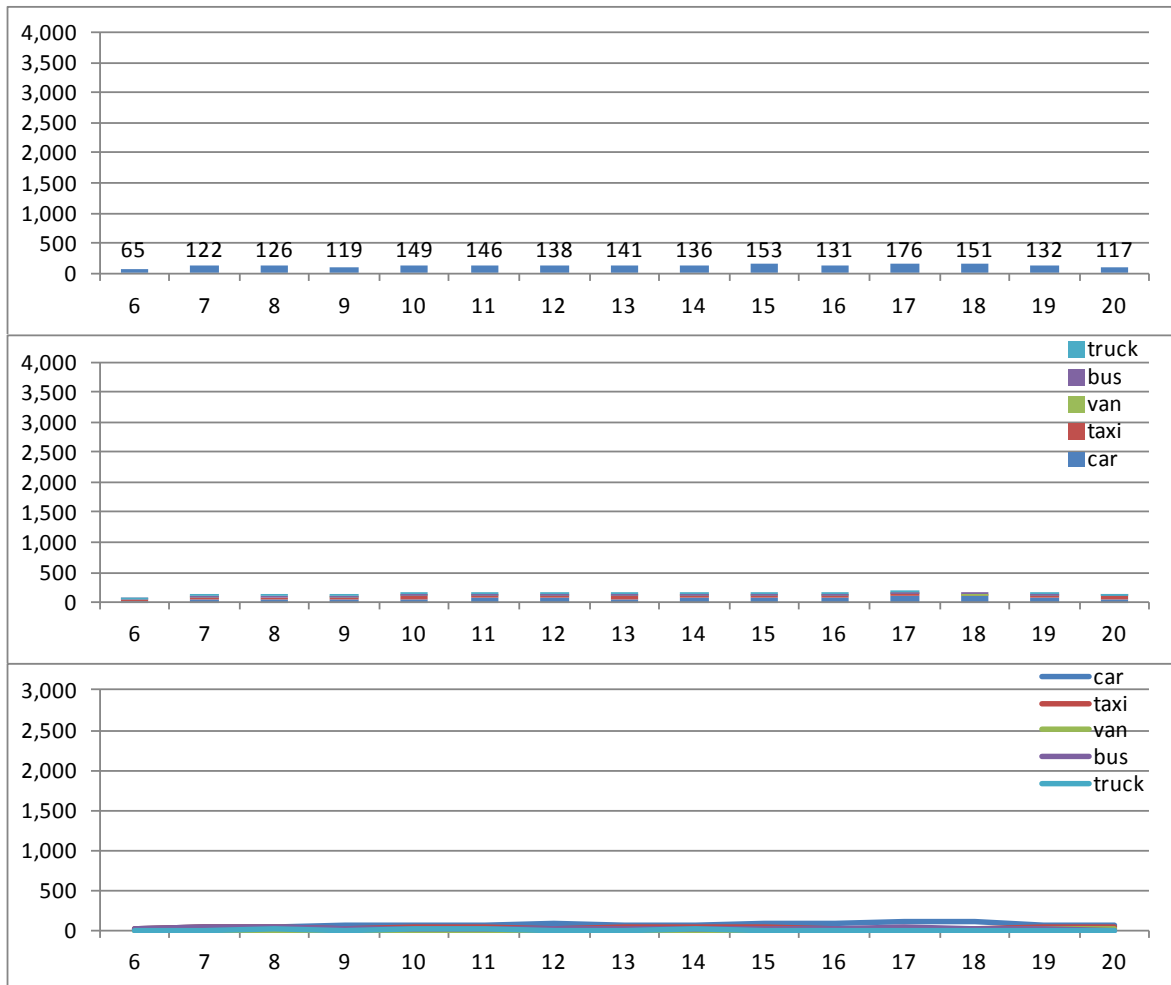
Traffic Count Data

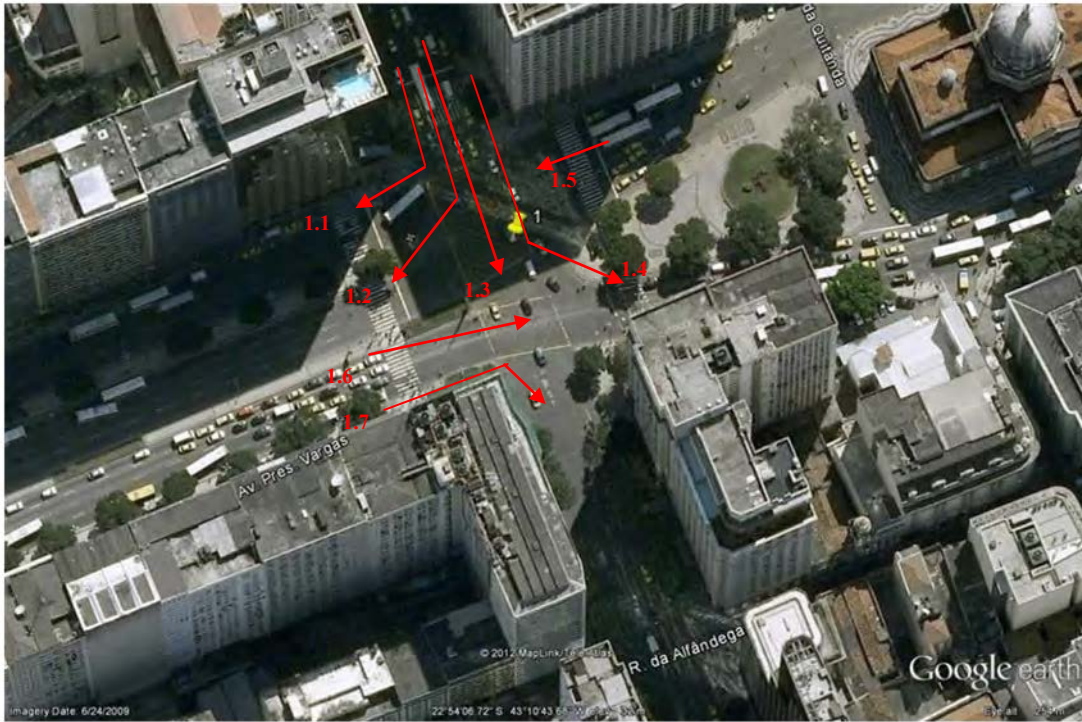
- 1) Weekday (7th of August)

i) Av. Presidente Vargas - Av. Rio Branco

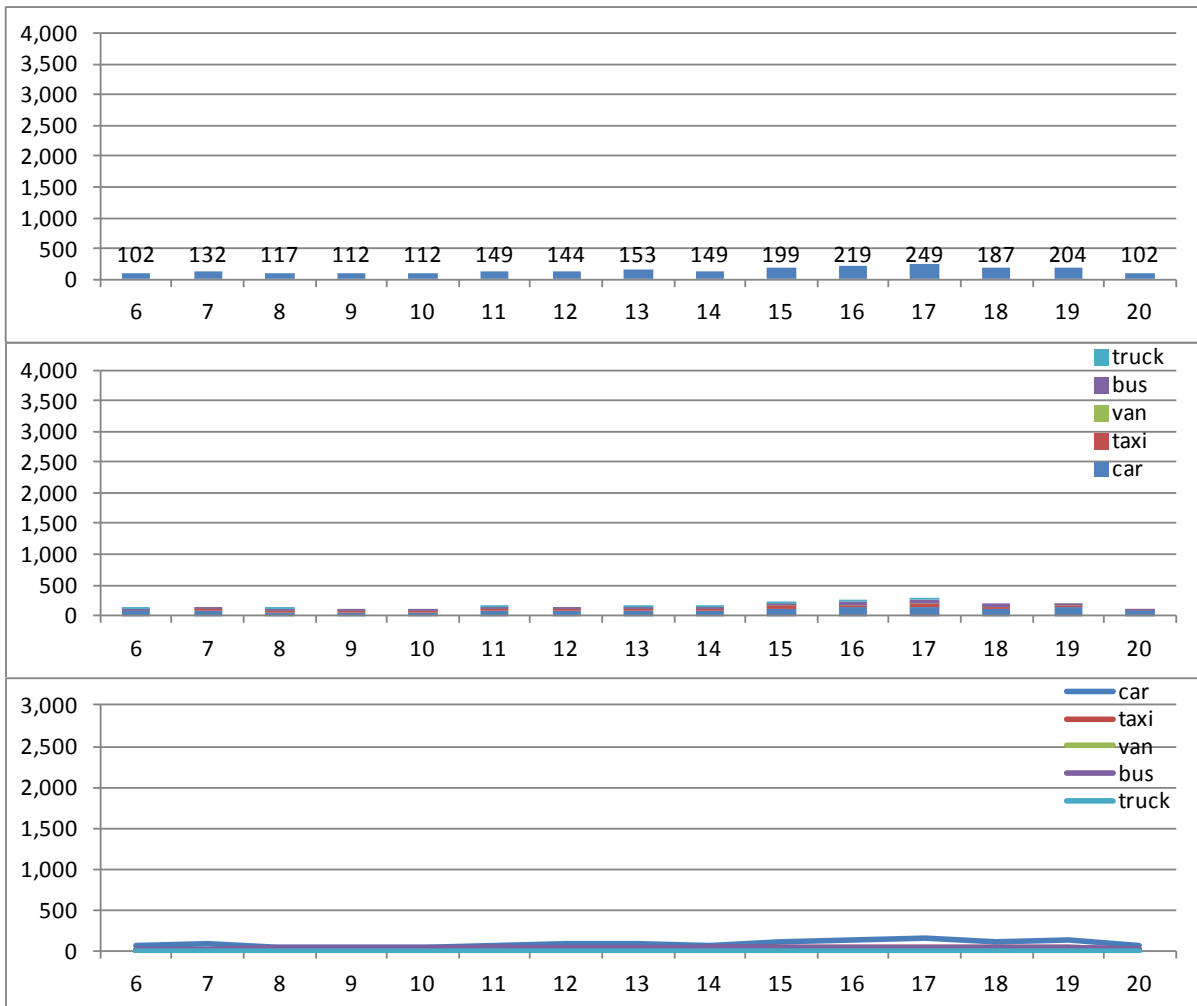


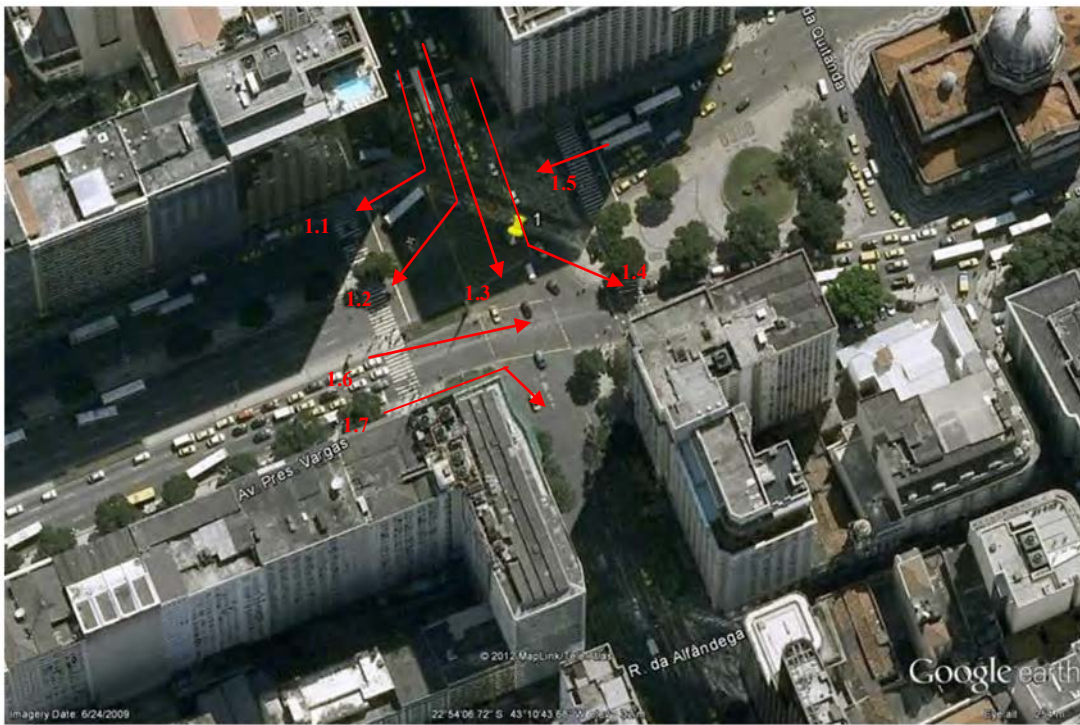
Flow 1.1



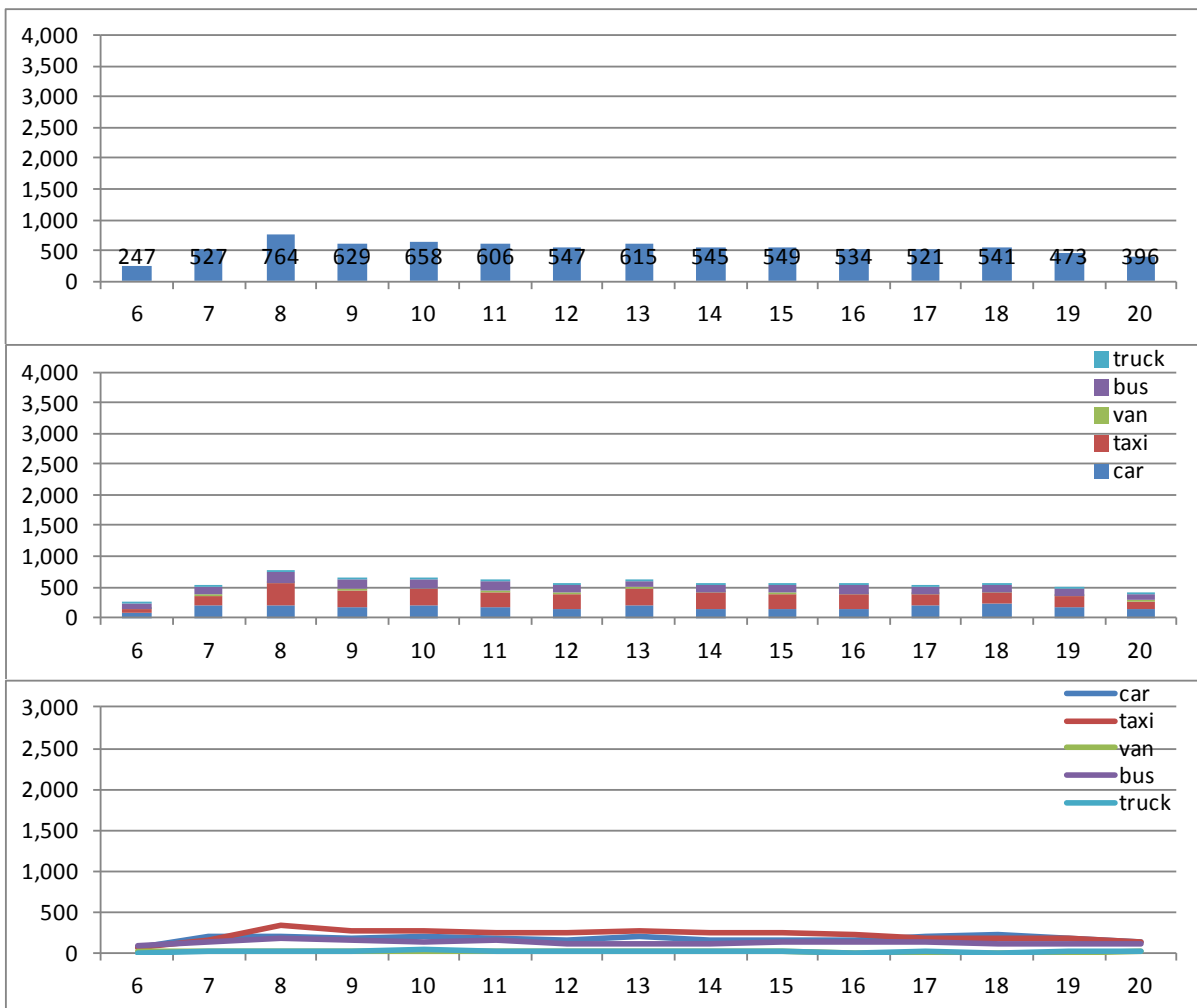


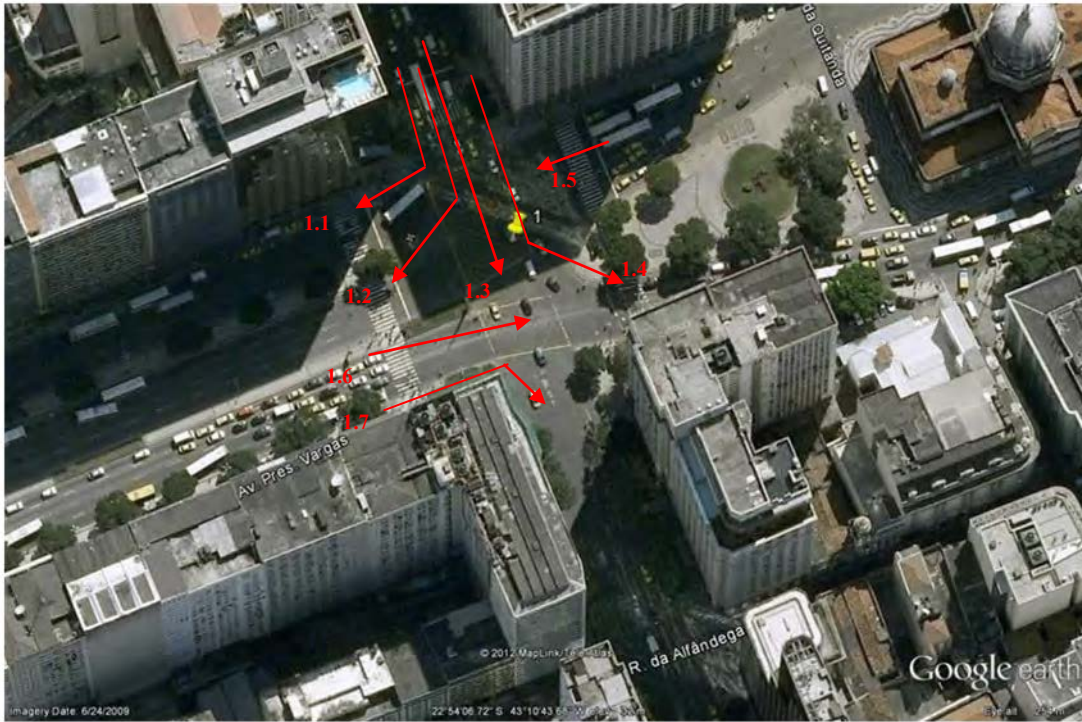
Flow 1.2



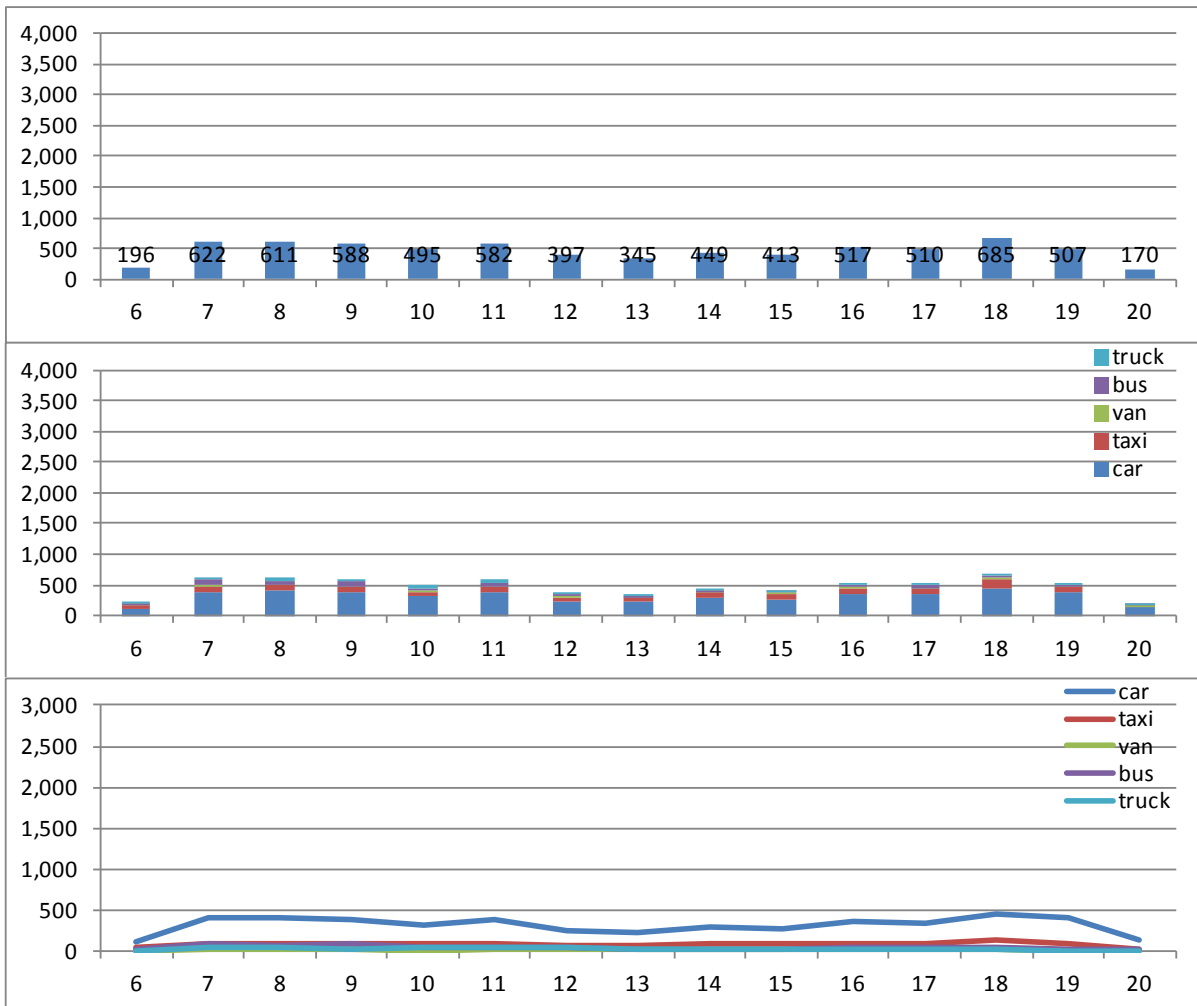


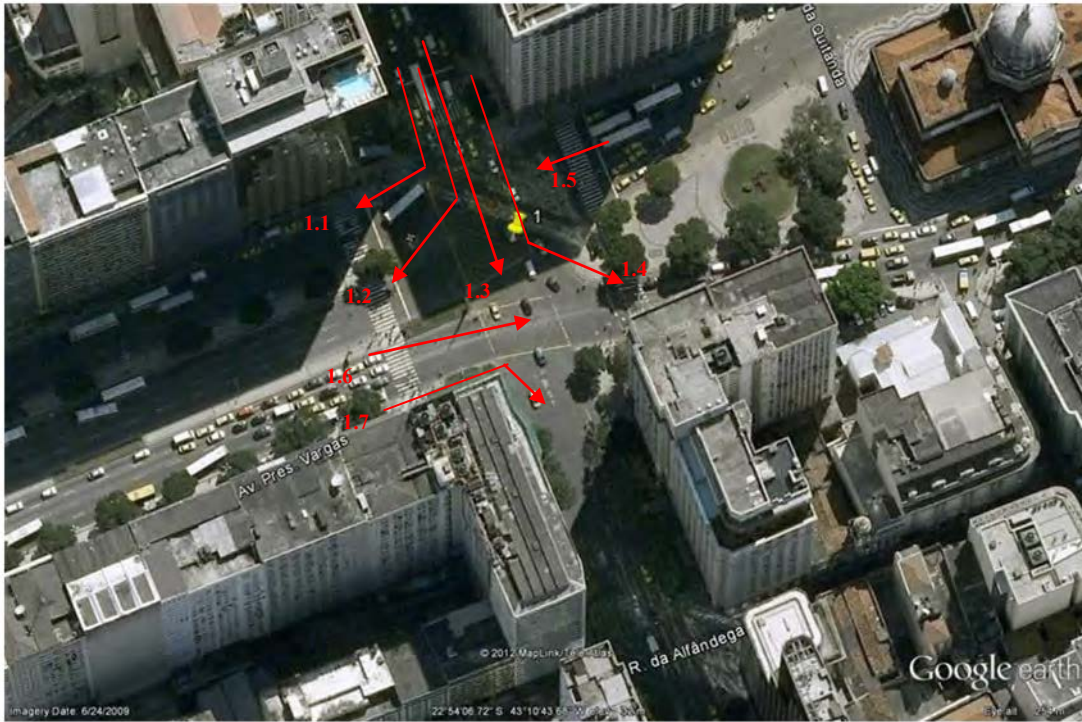
Flow 1.3



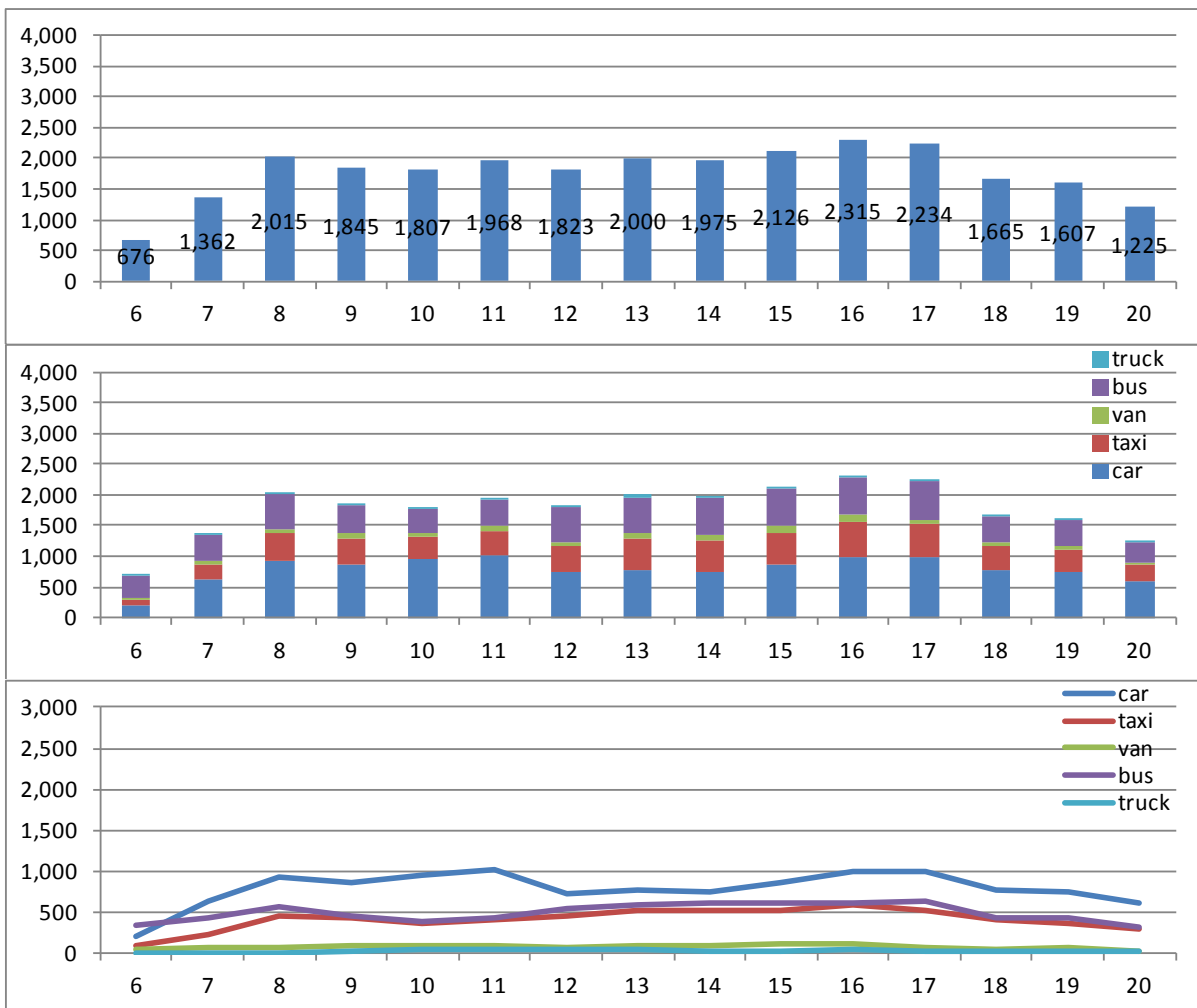


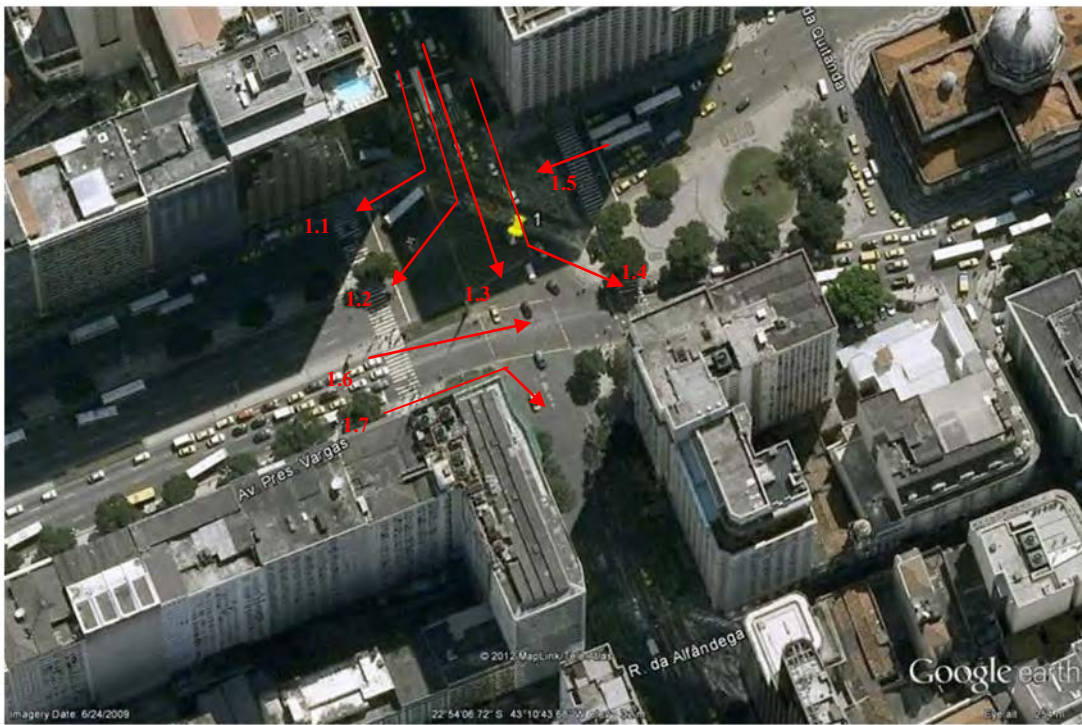
Flow 1.4



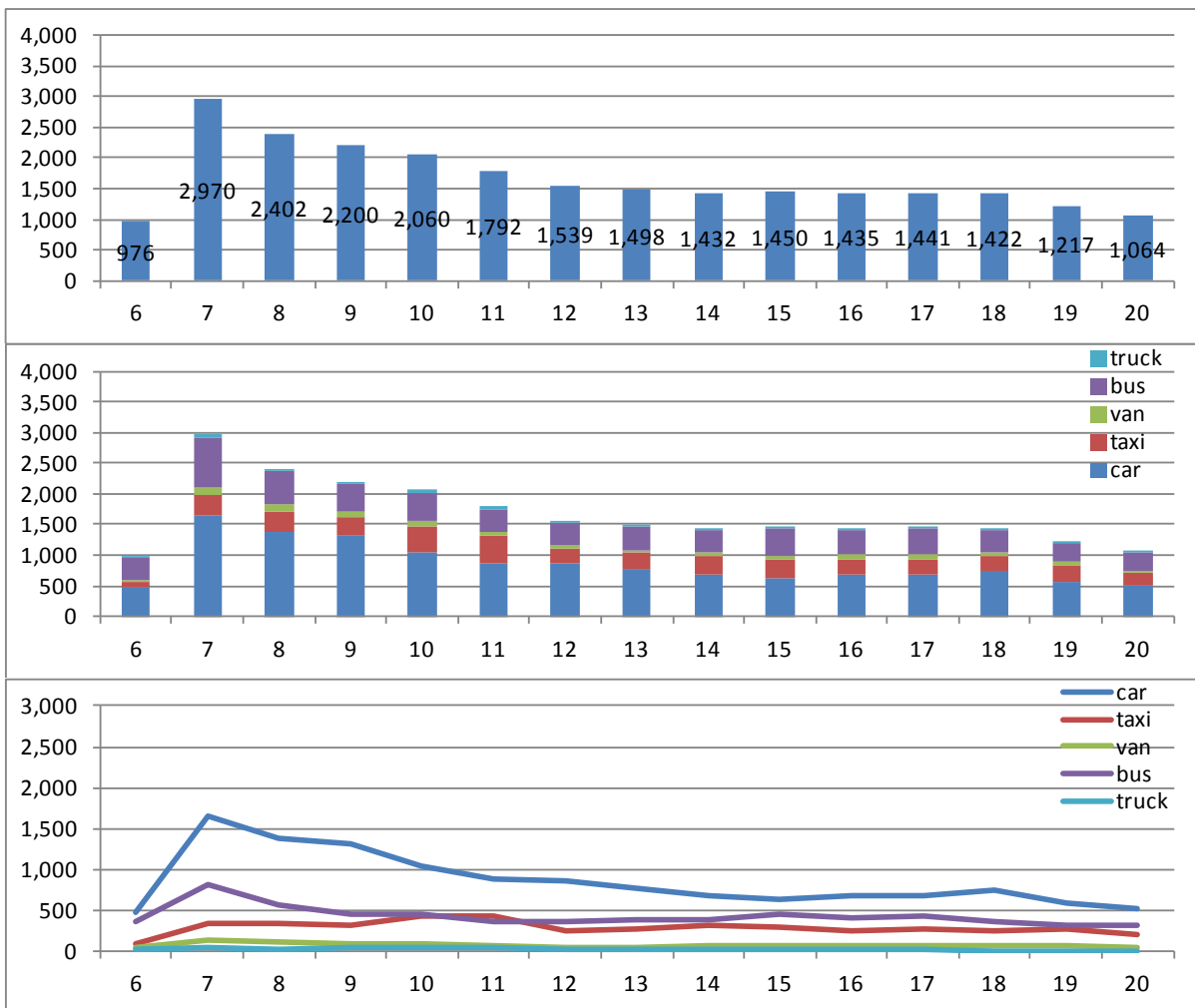


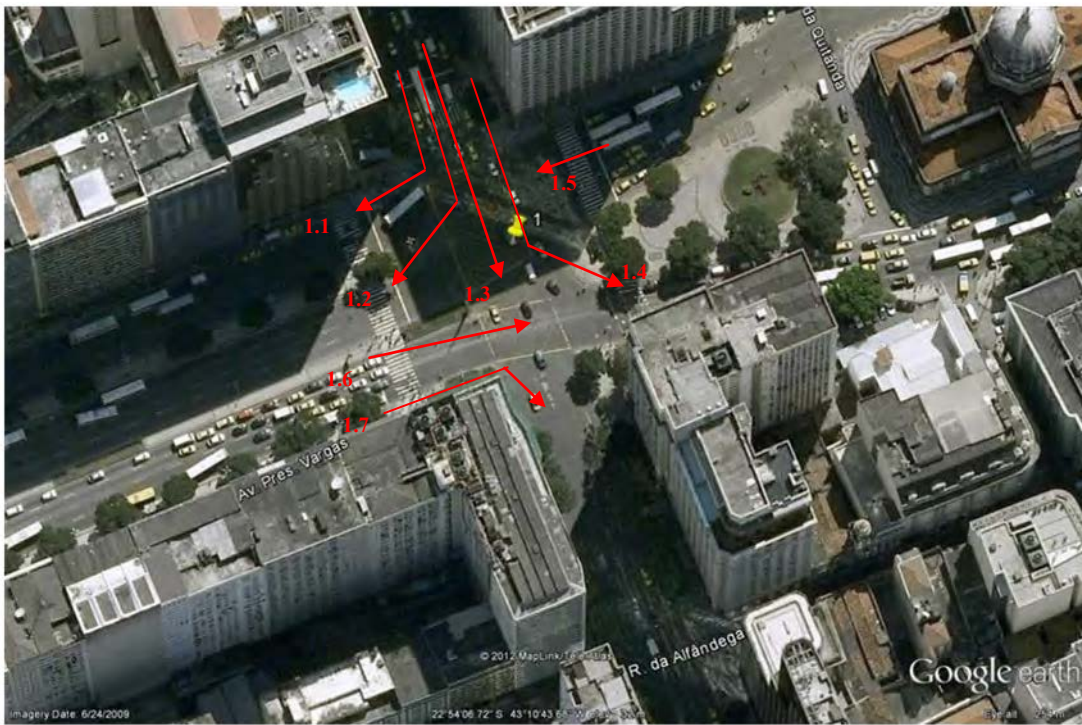
Flow 1.5



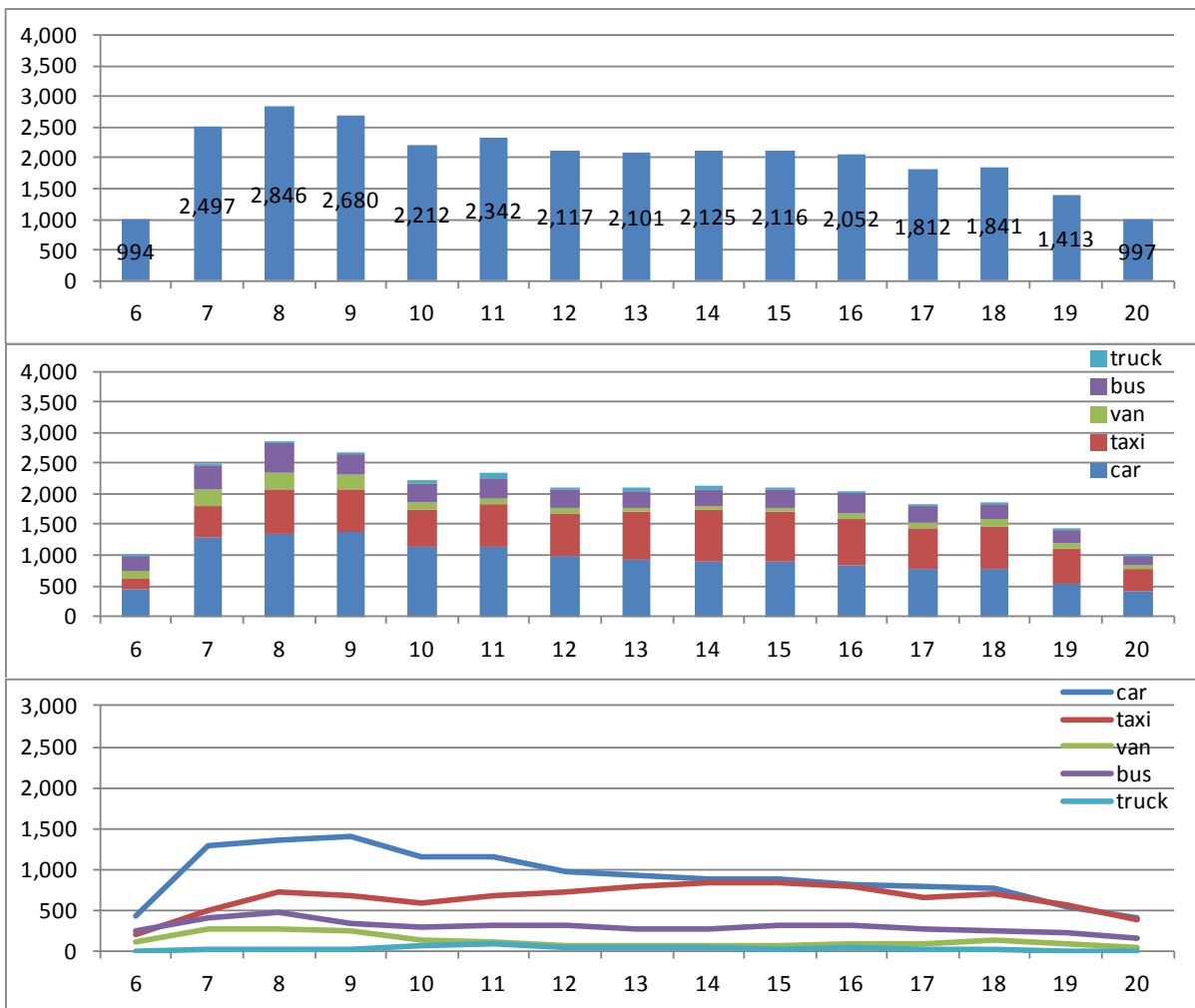


Flow 1.6

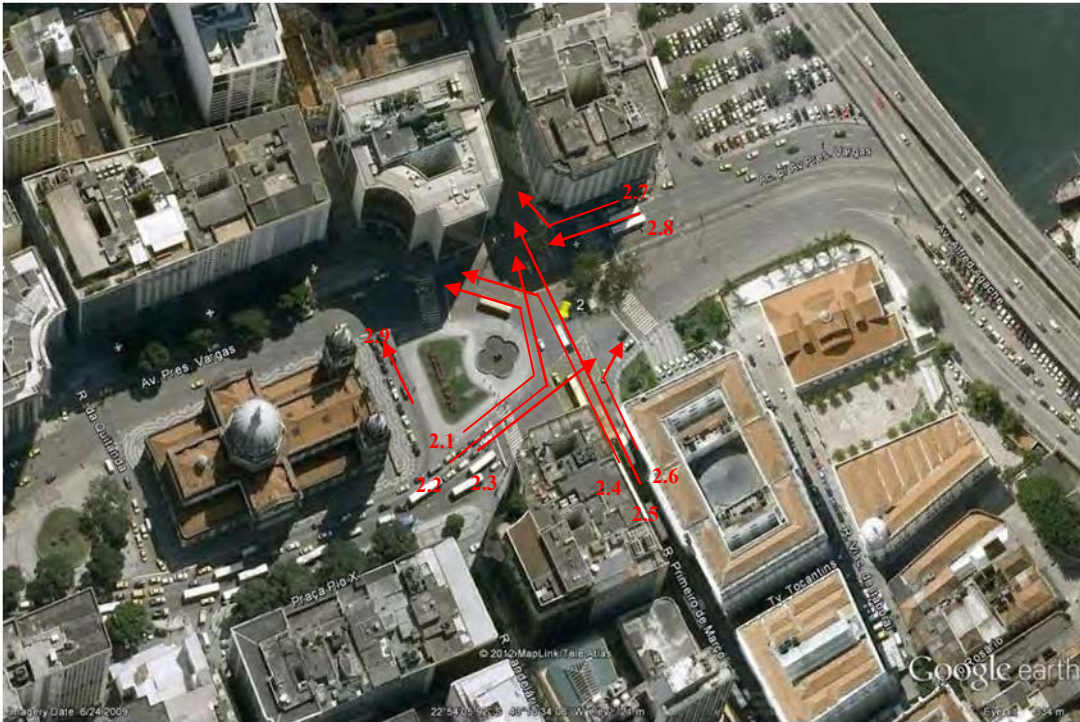




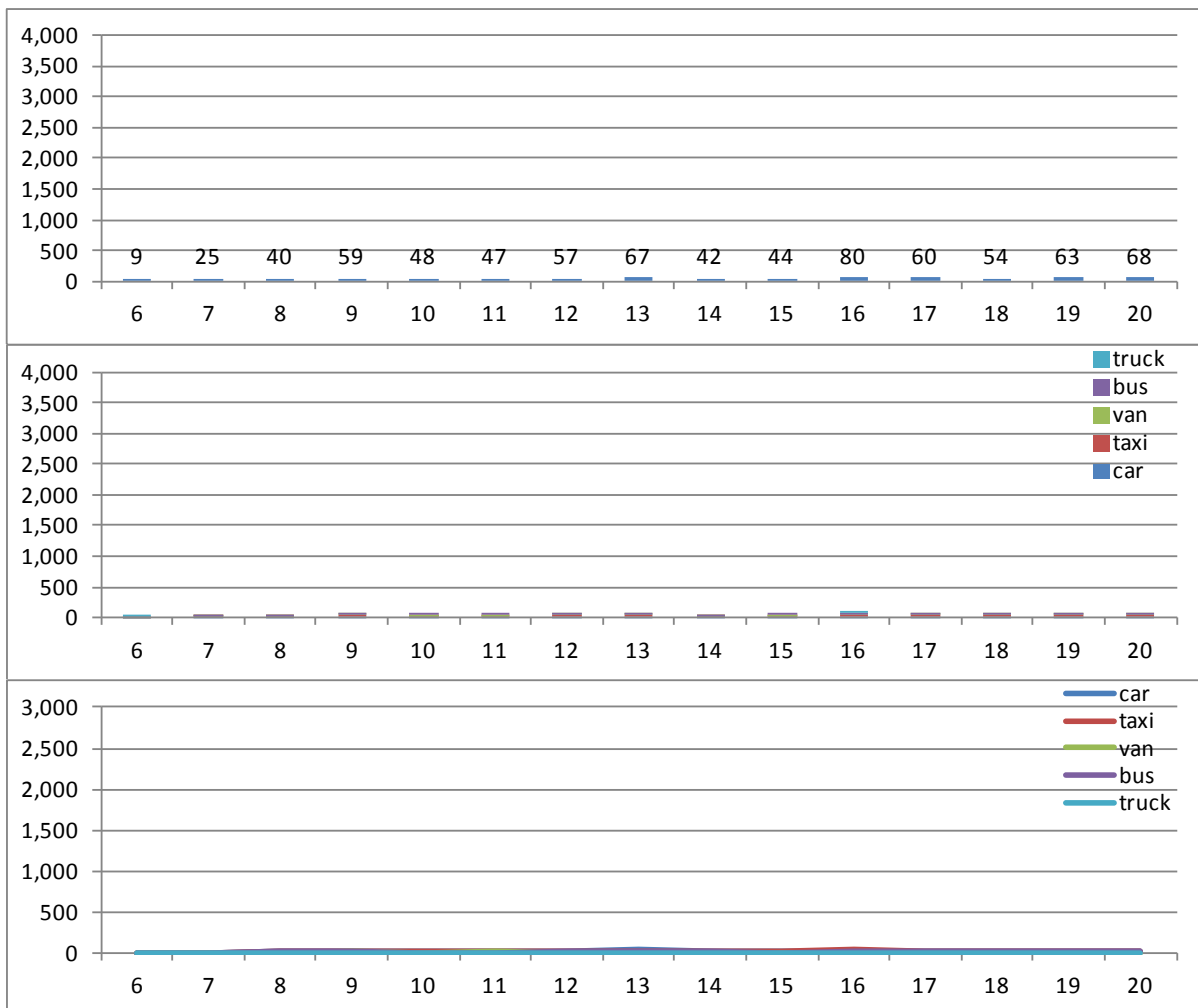
Flow 1.7

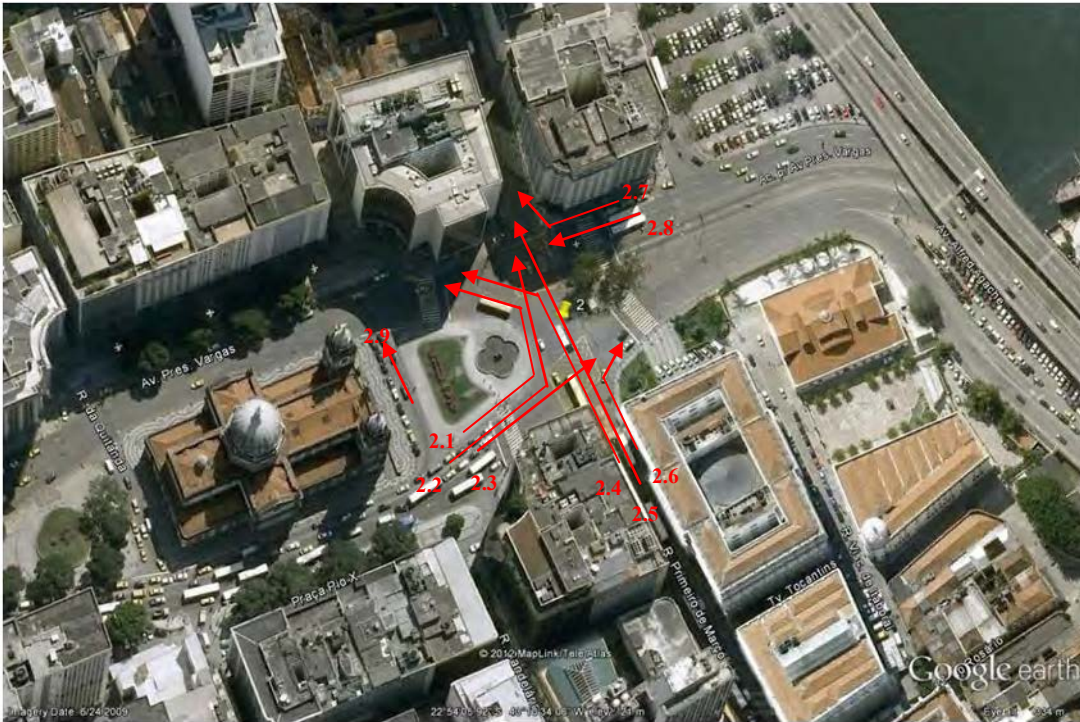


ii) Av. Presidente Vargas – R. Primeiro de Marco

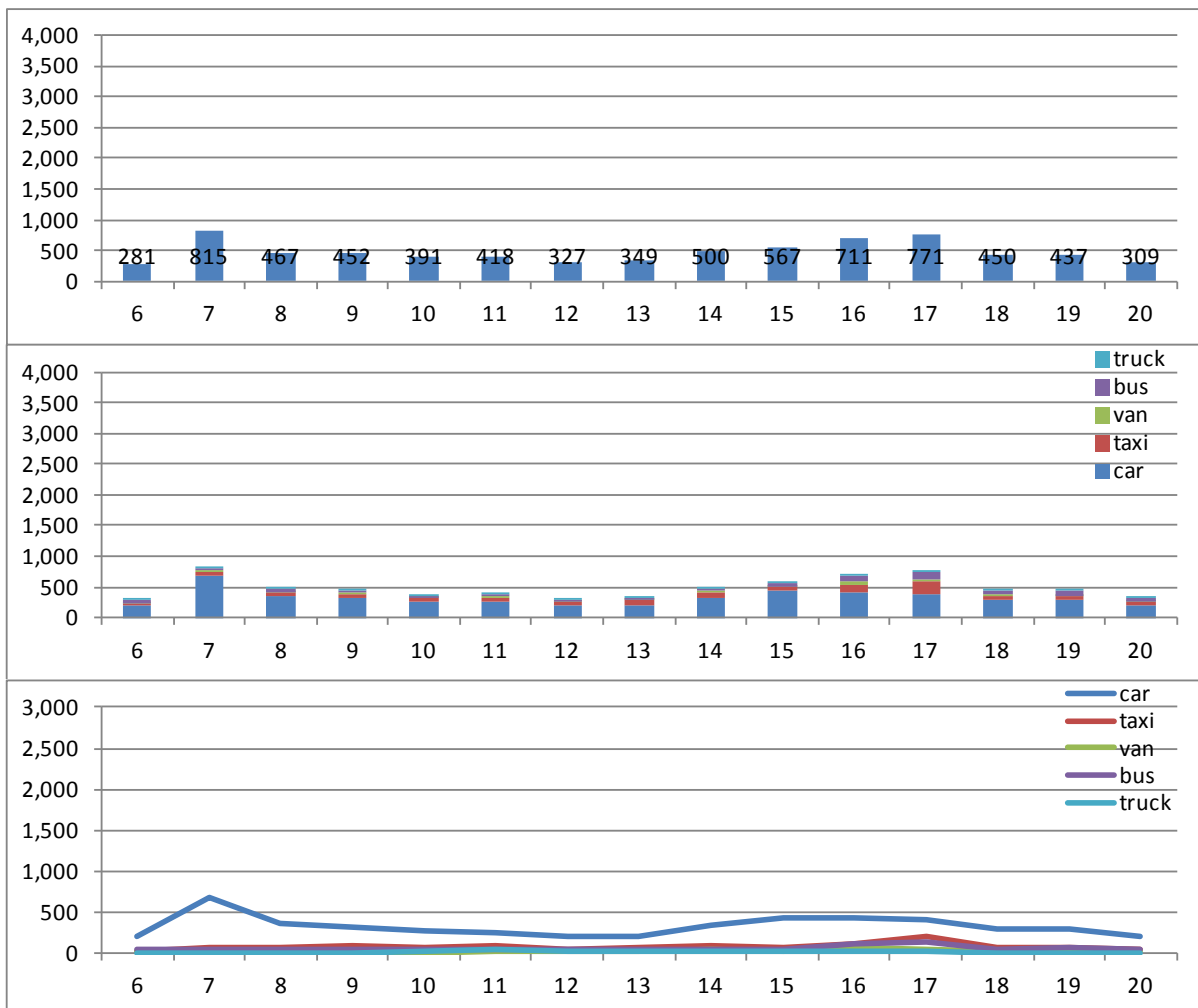


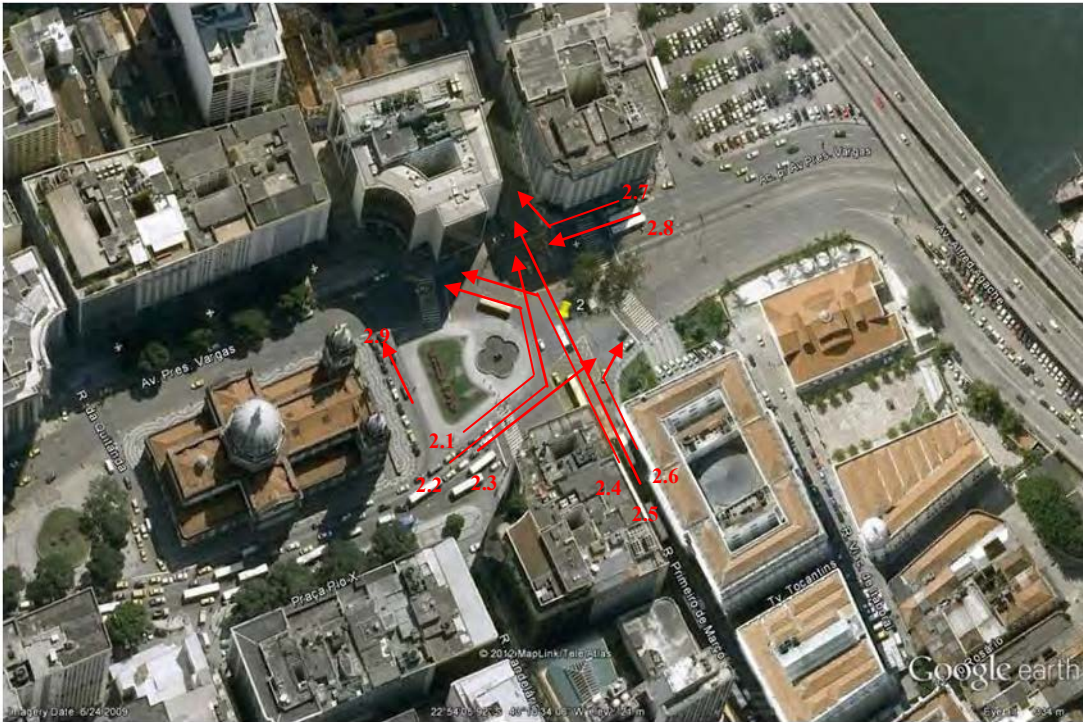
Flow 2.1



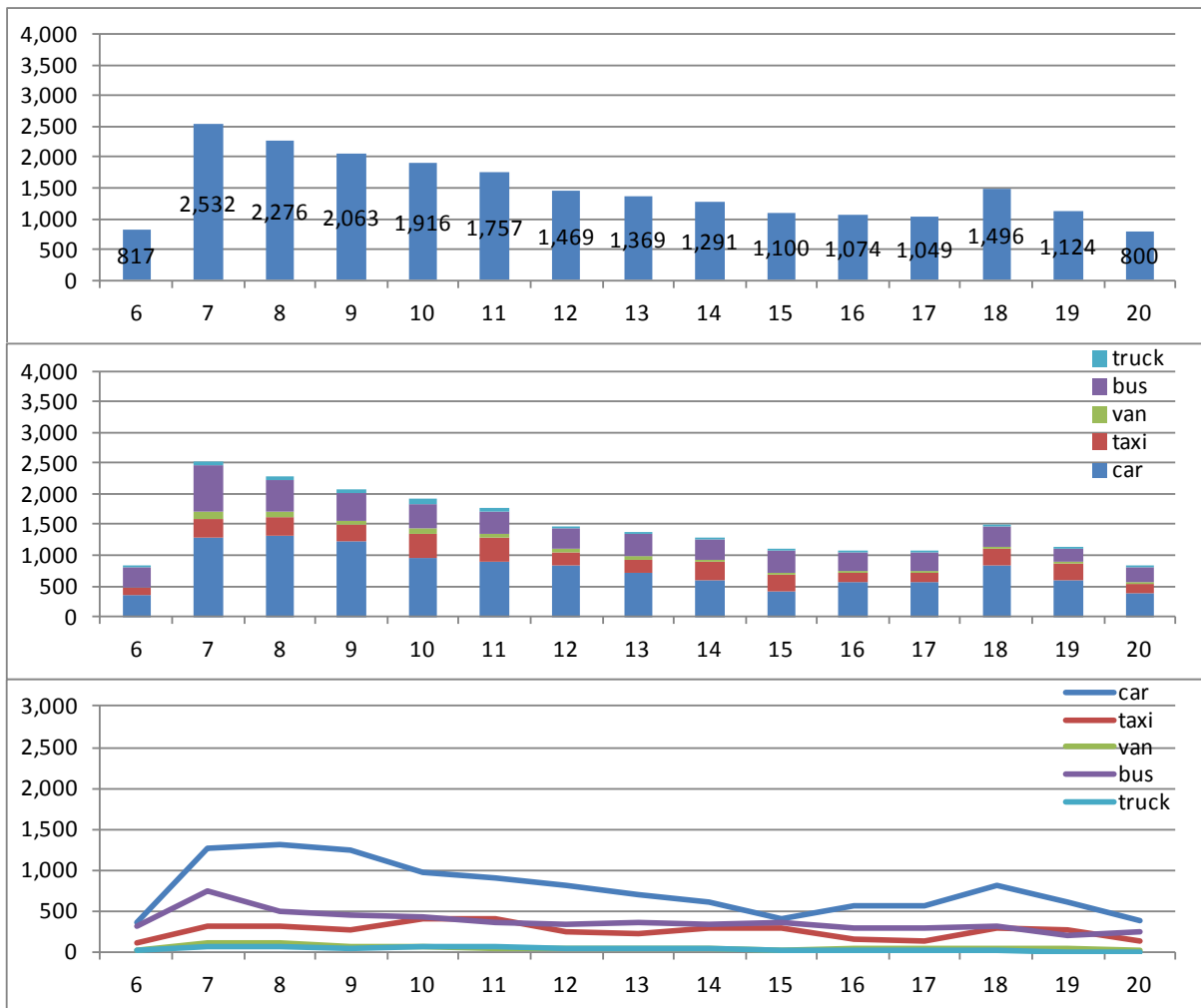


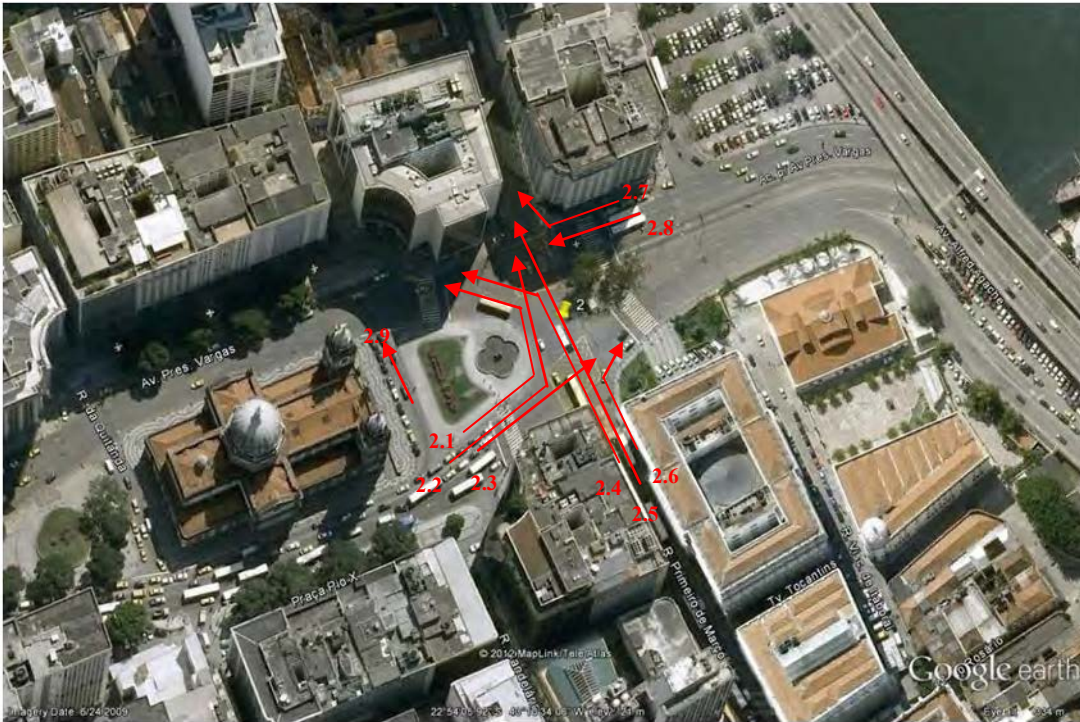
Flow 2.2



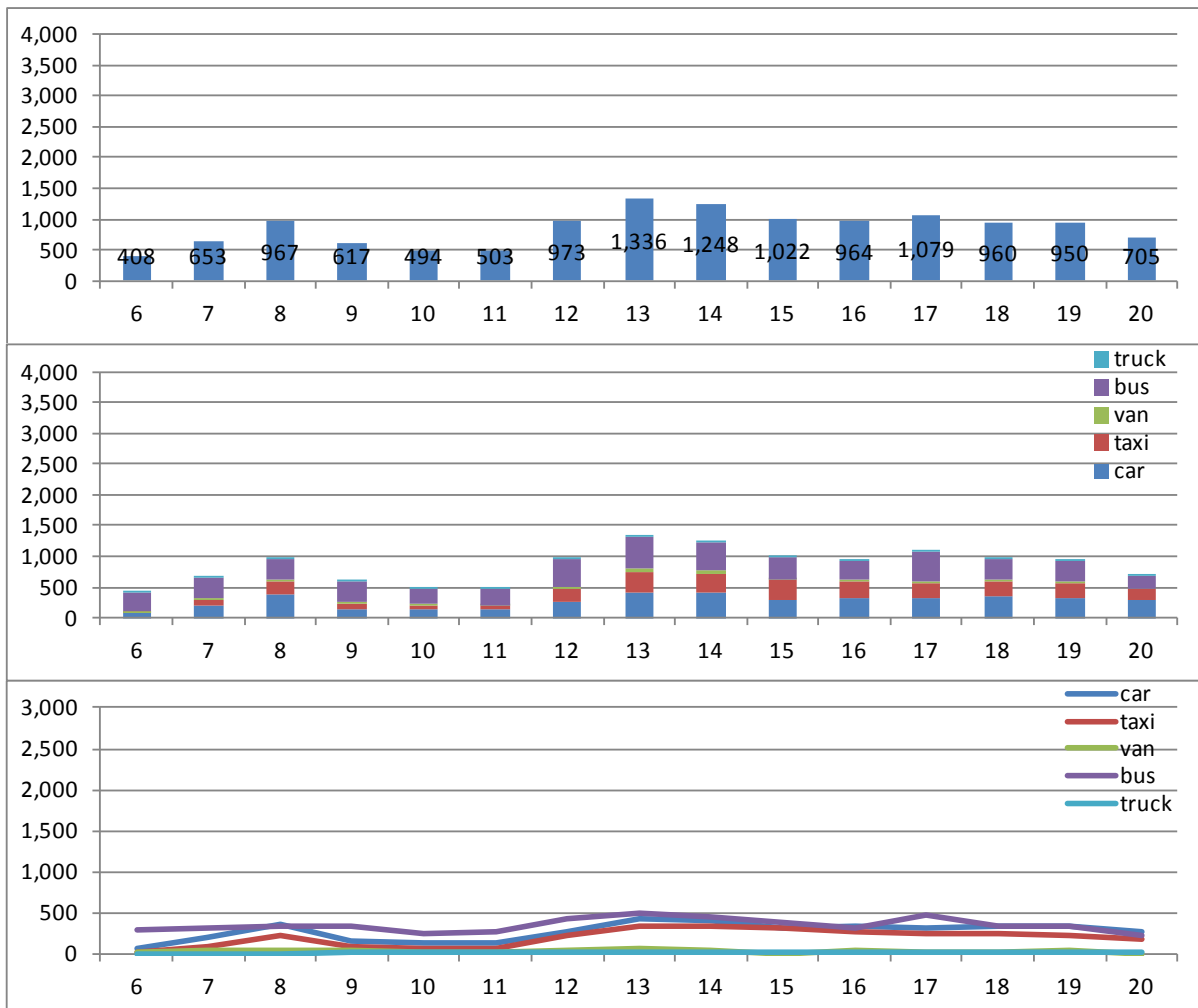


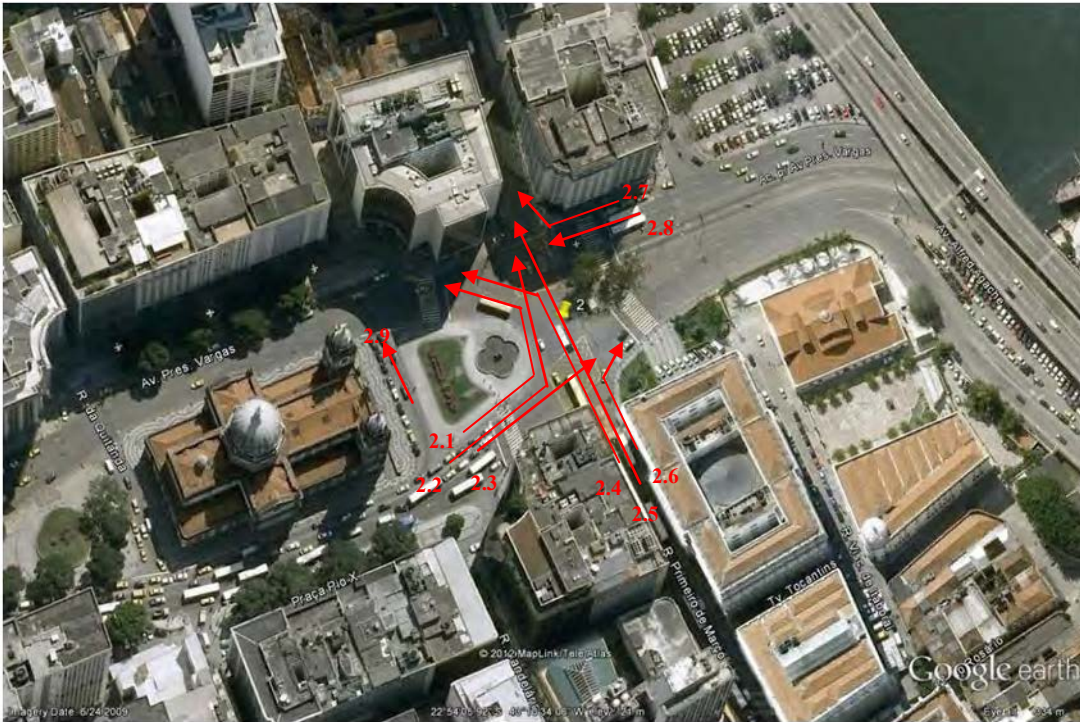
Flow 2.3



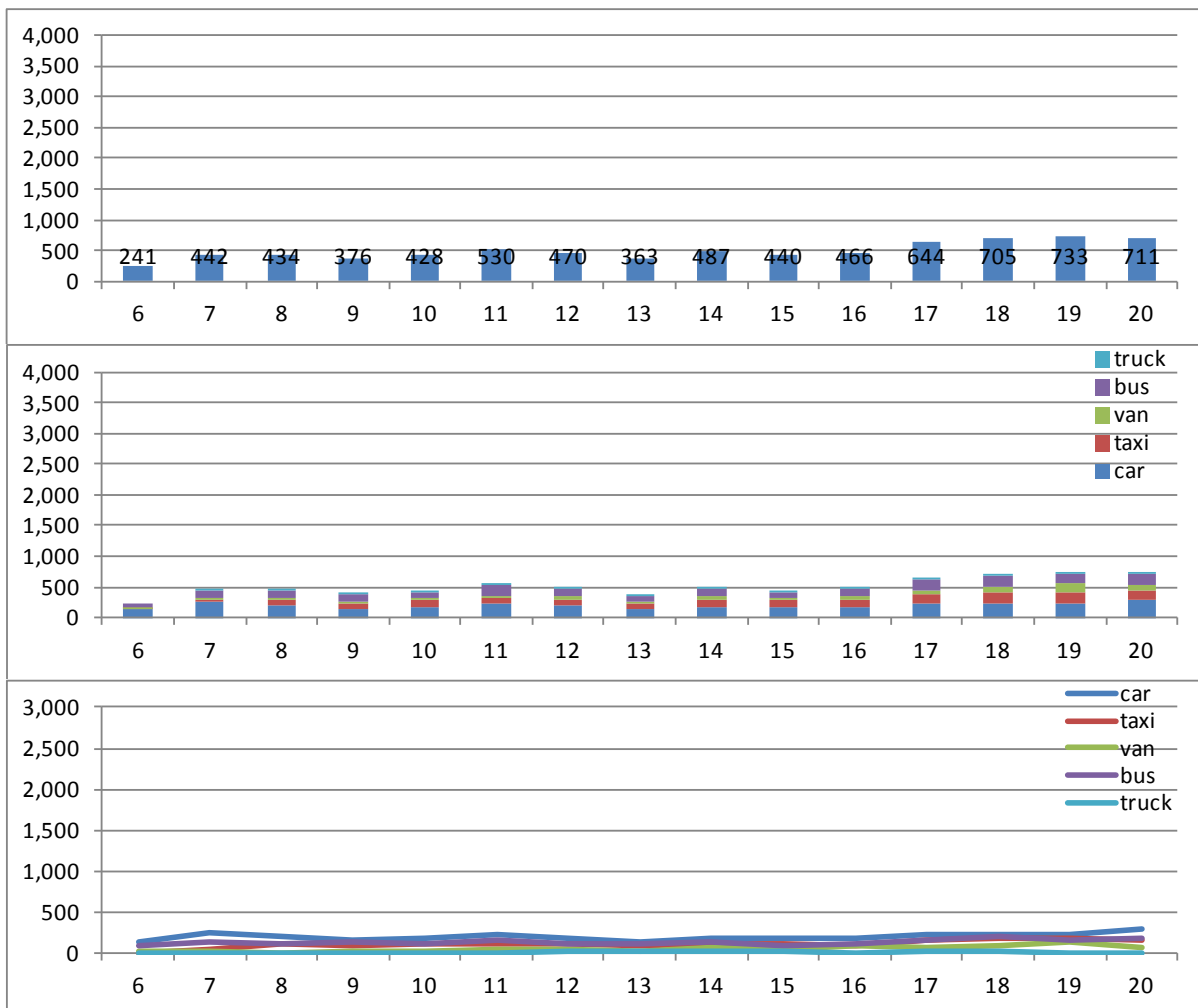


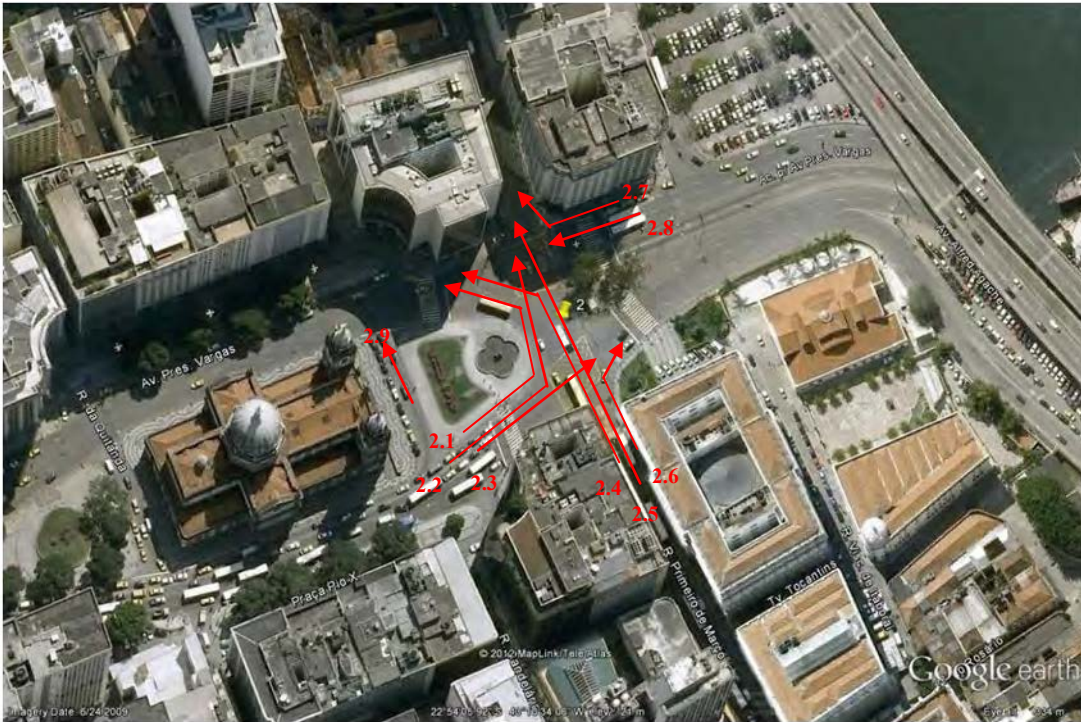
Flow 2.4



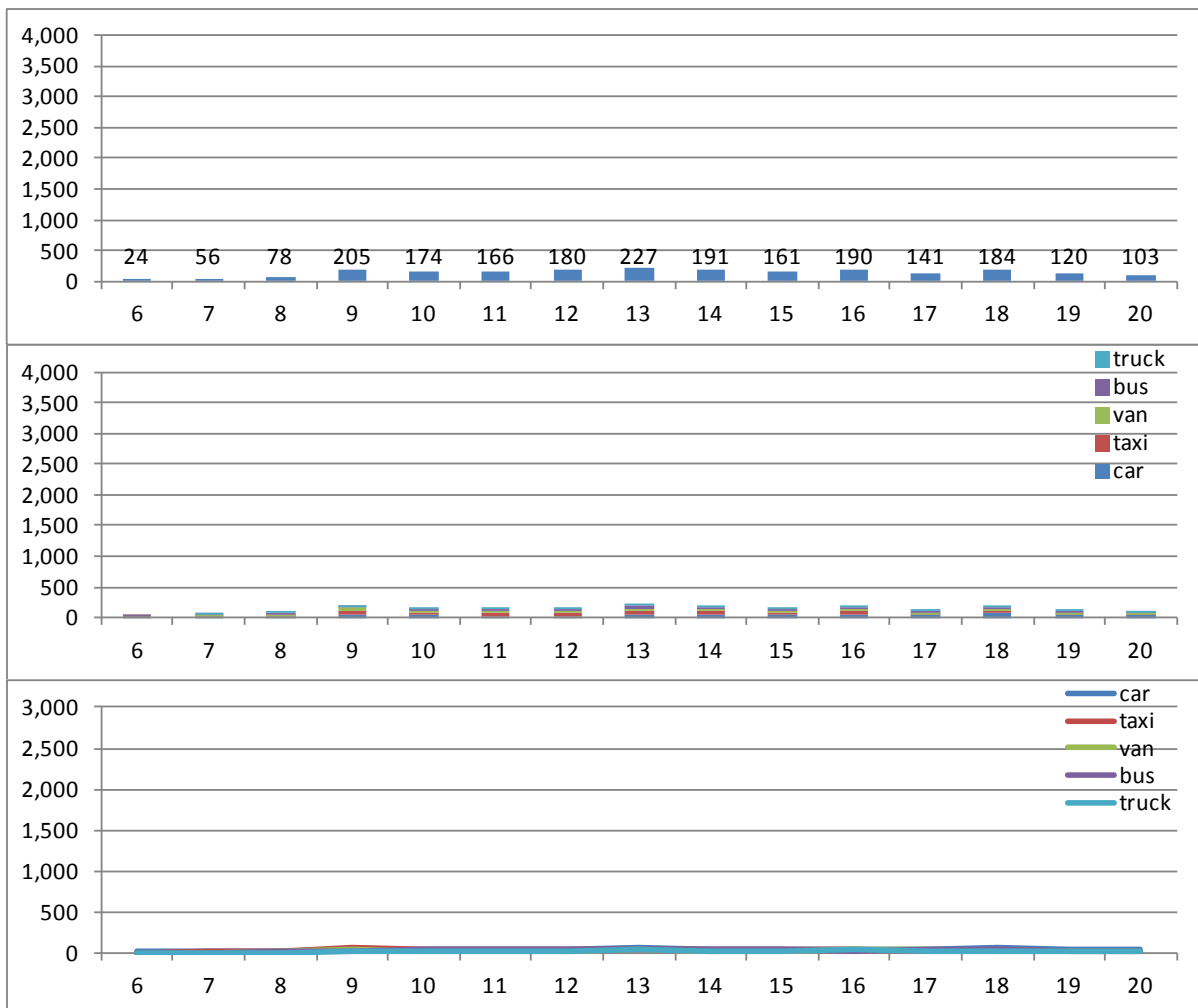


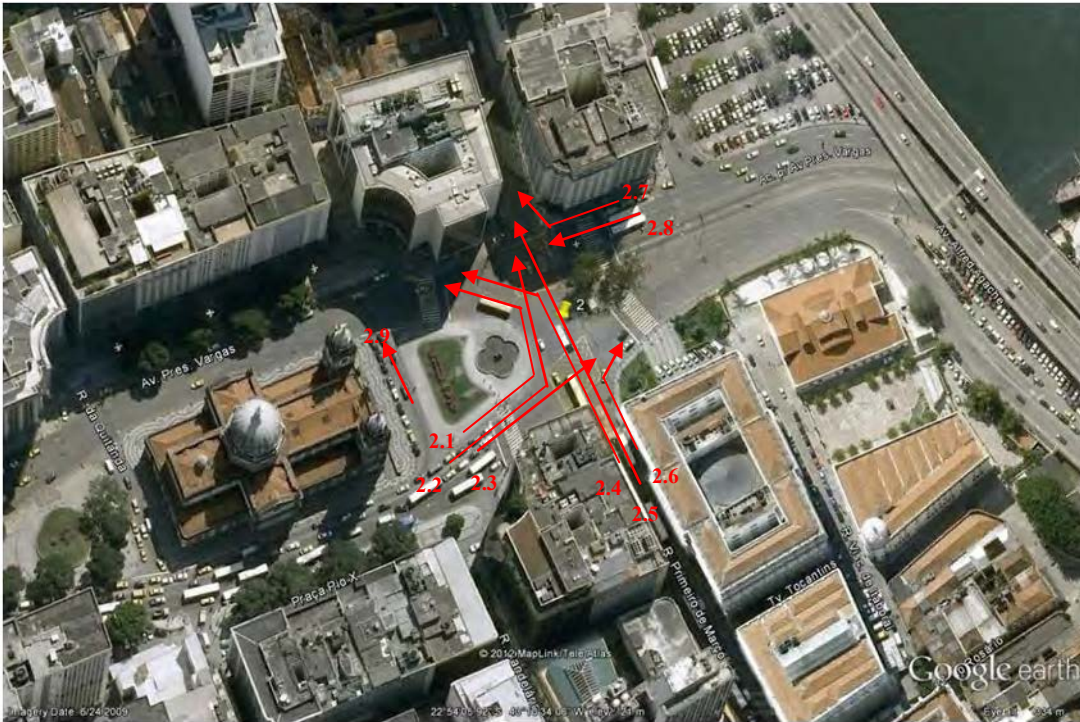
Flow 2.5



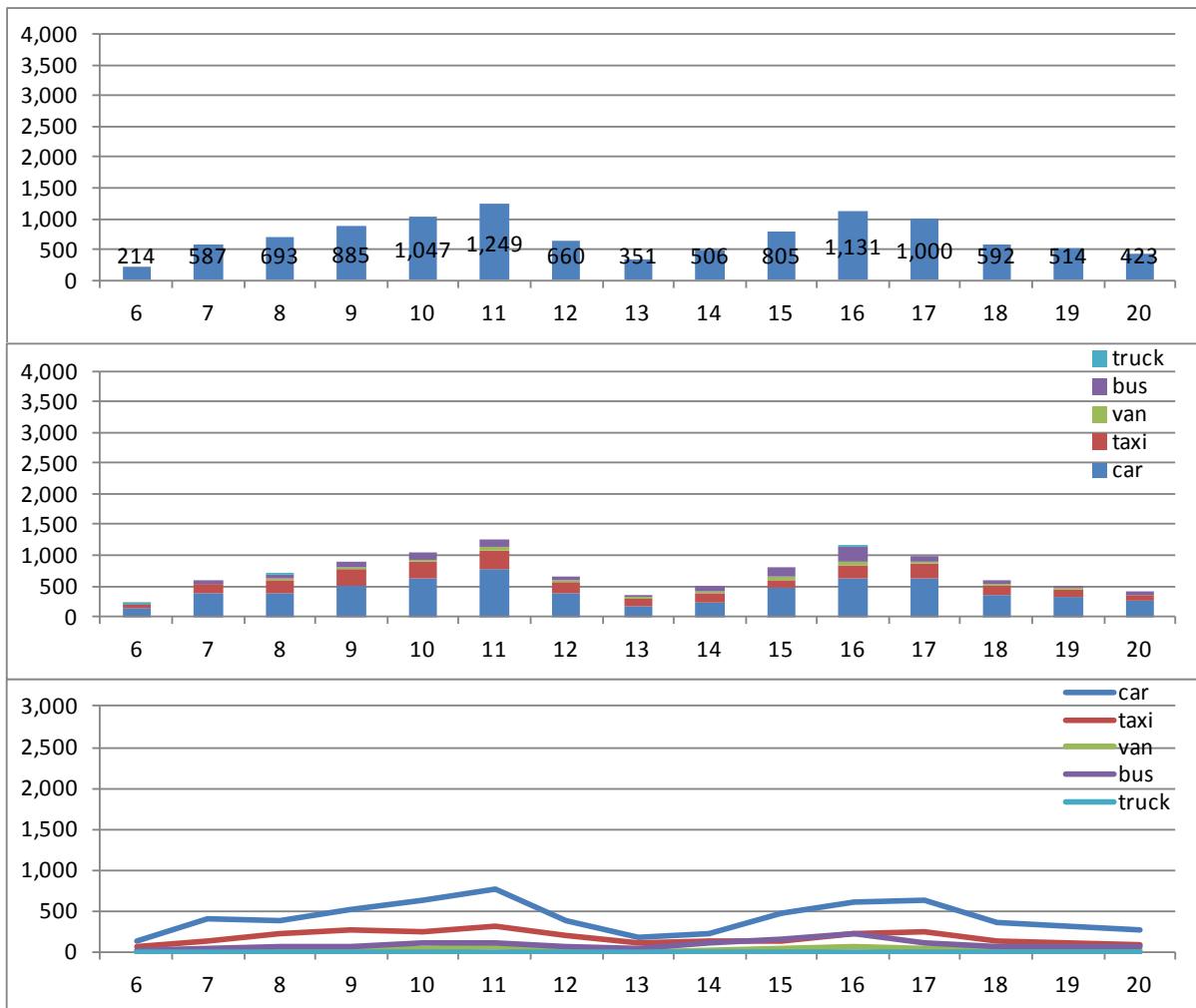


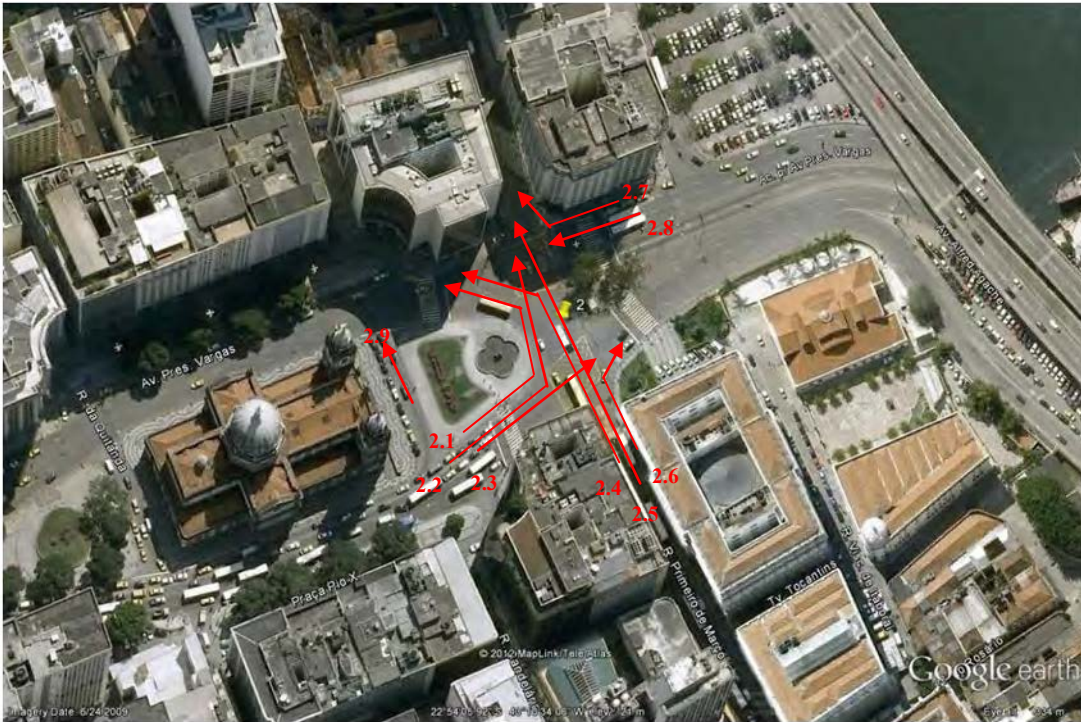
Flow 2.6



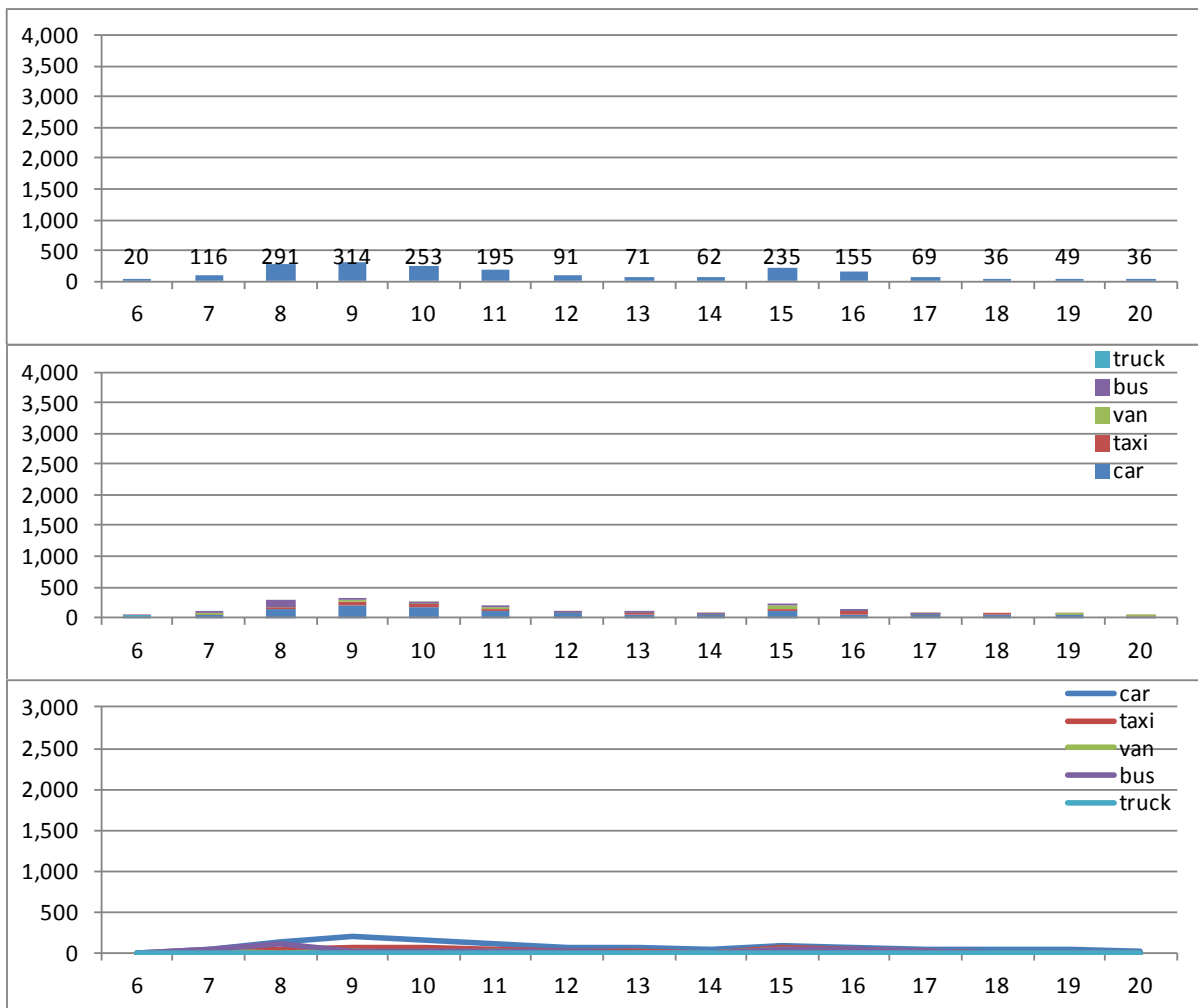


Flow 2.8

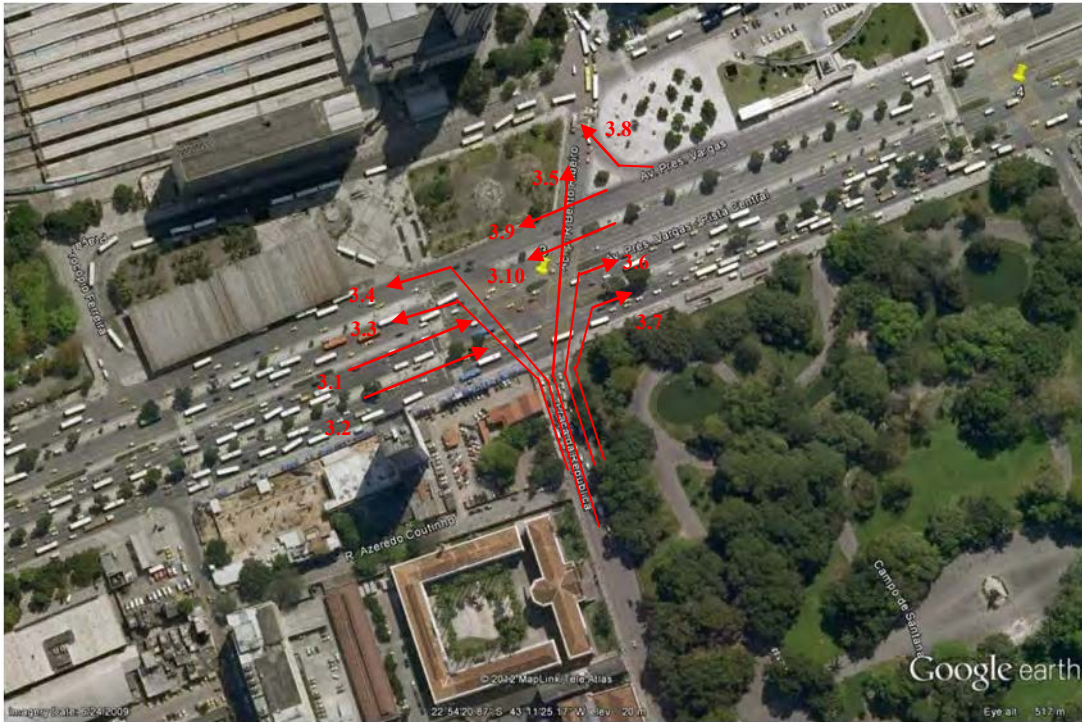




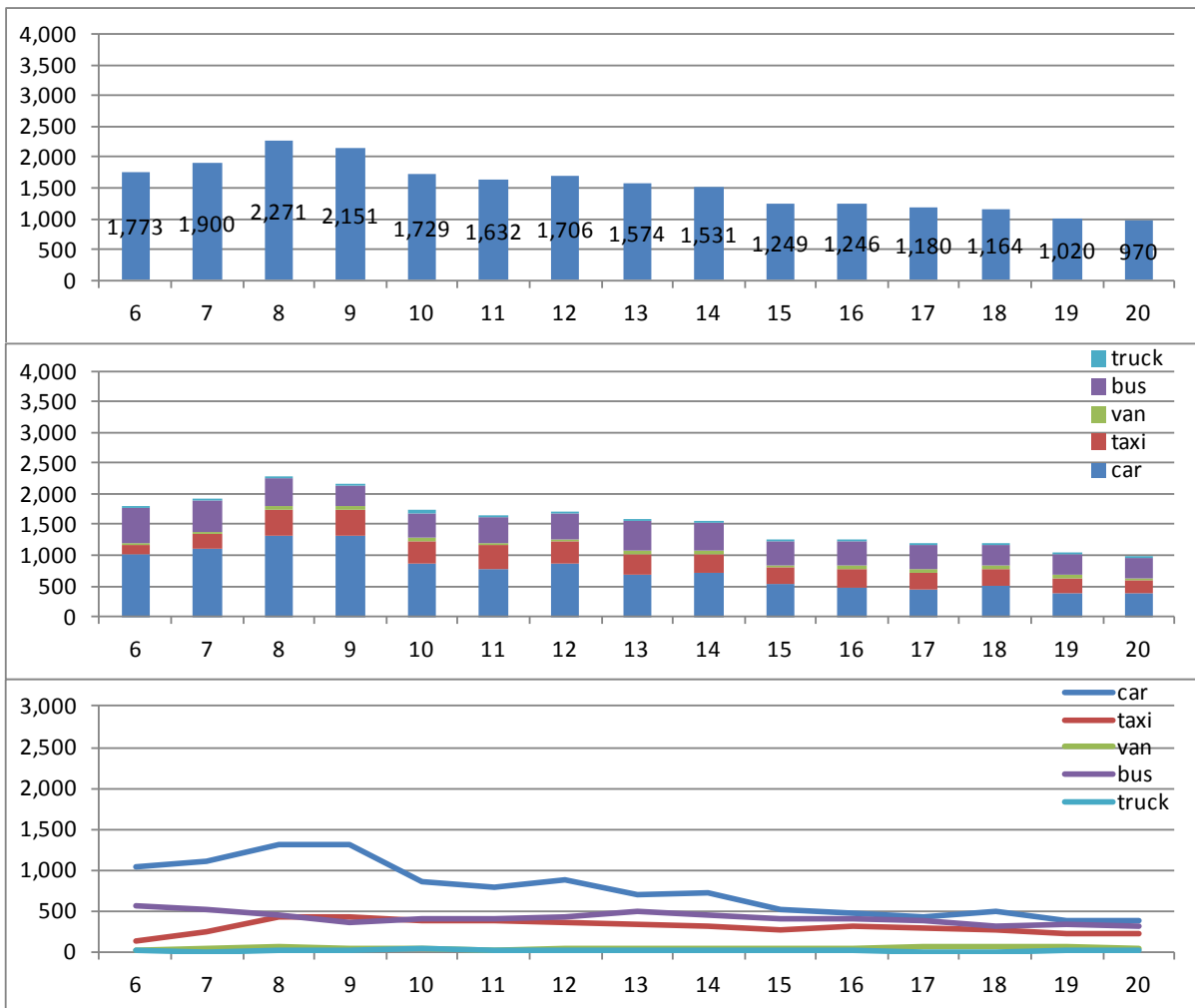
Flow 2.9

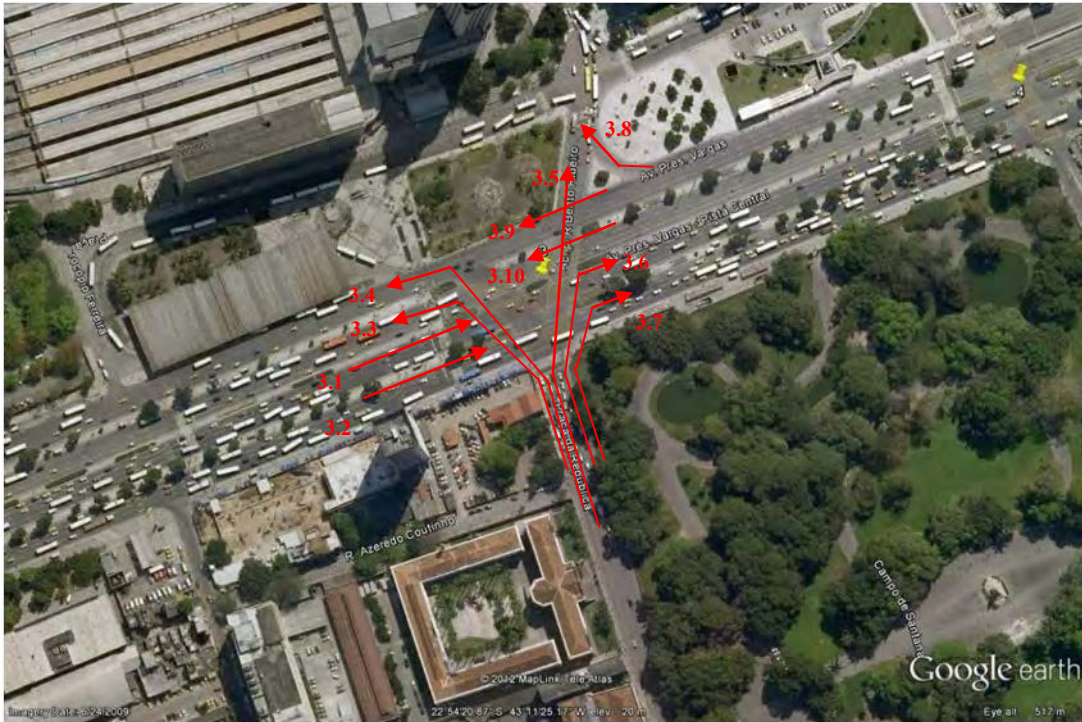


iii) Av. Presidente Vargas – R. Bento Ribeiro

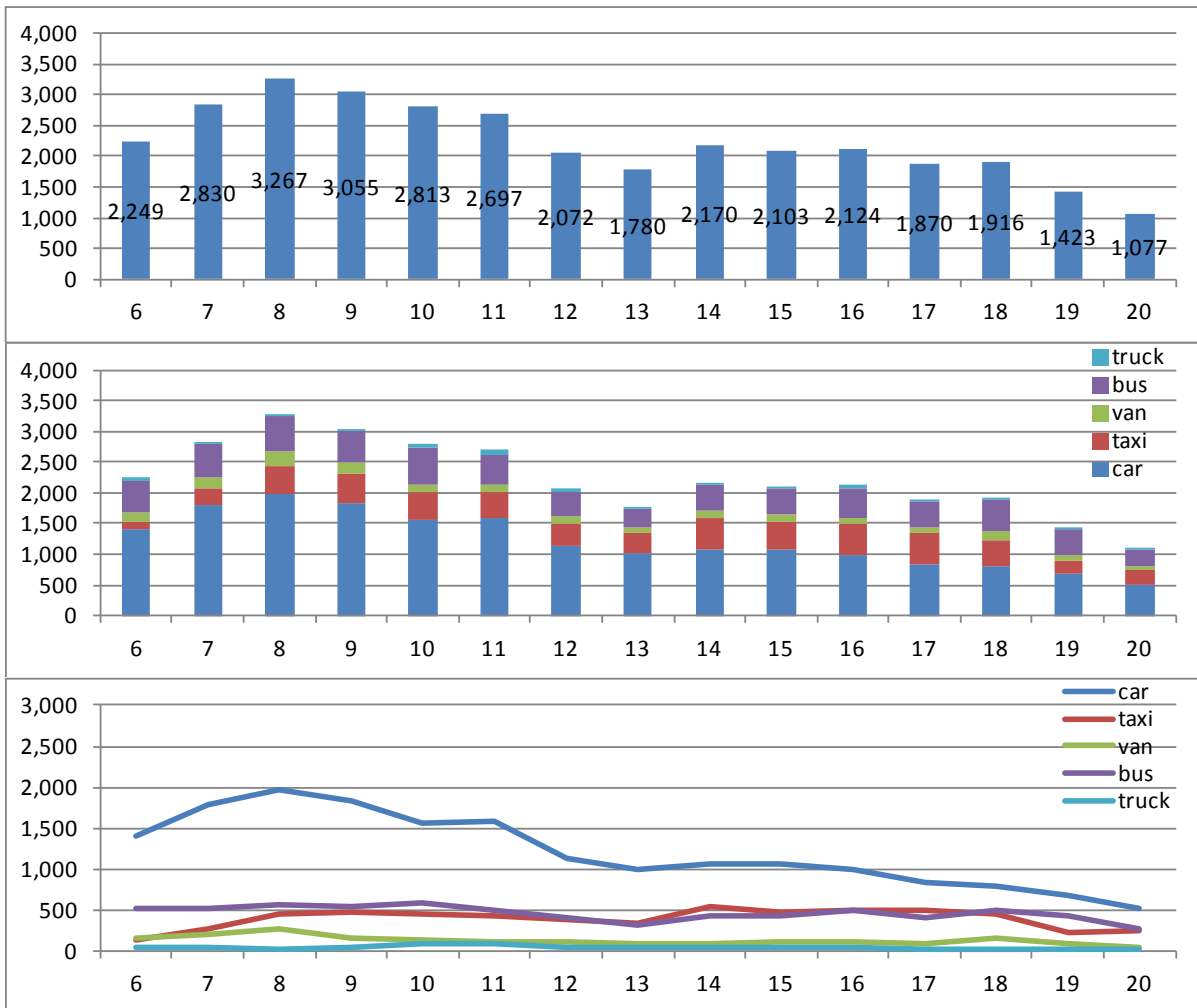


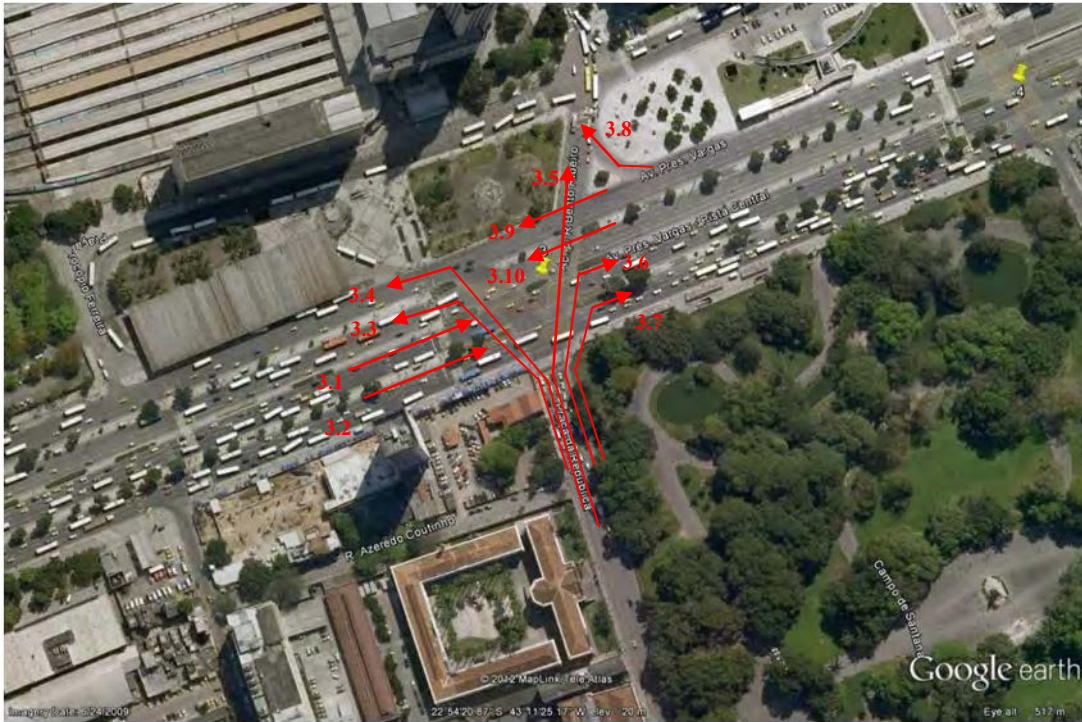
Flow 3.1



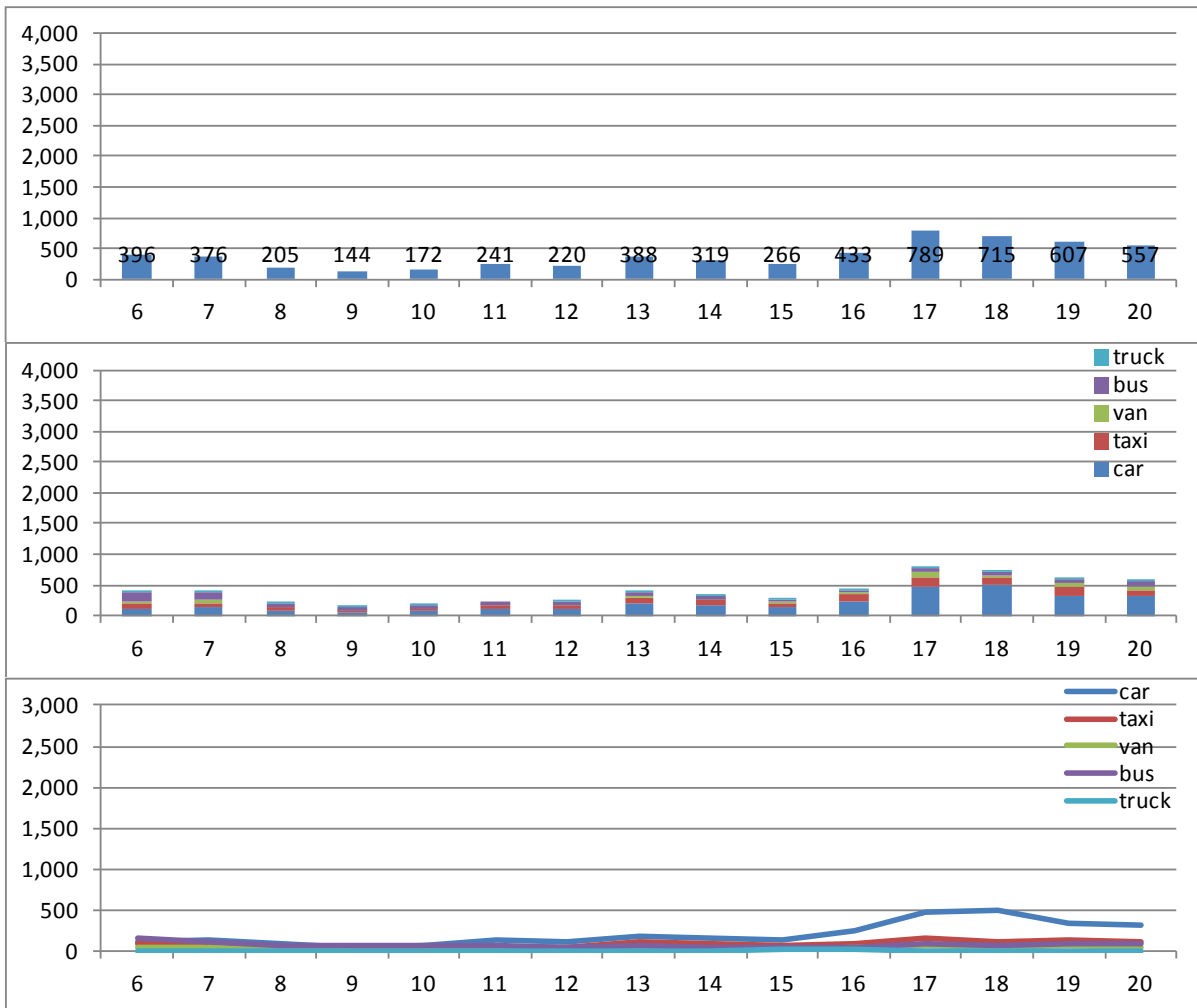


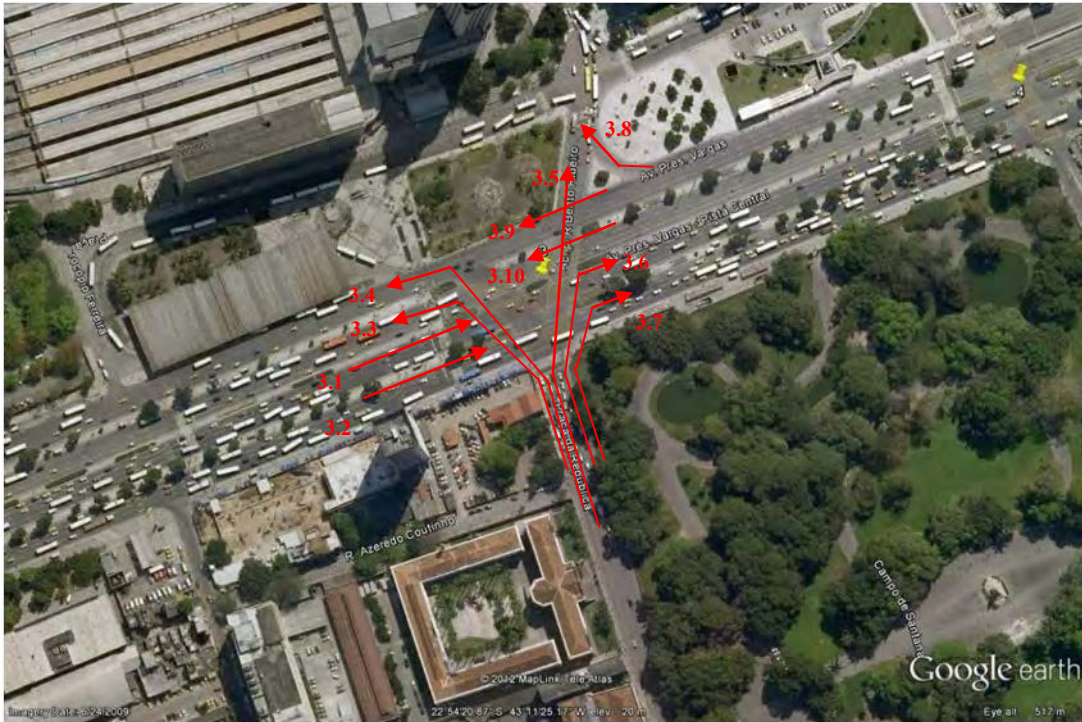
Flow 3.2



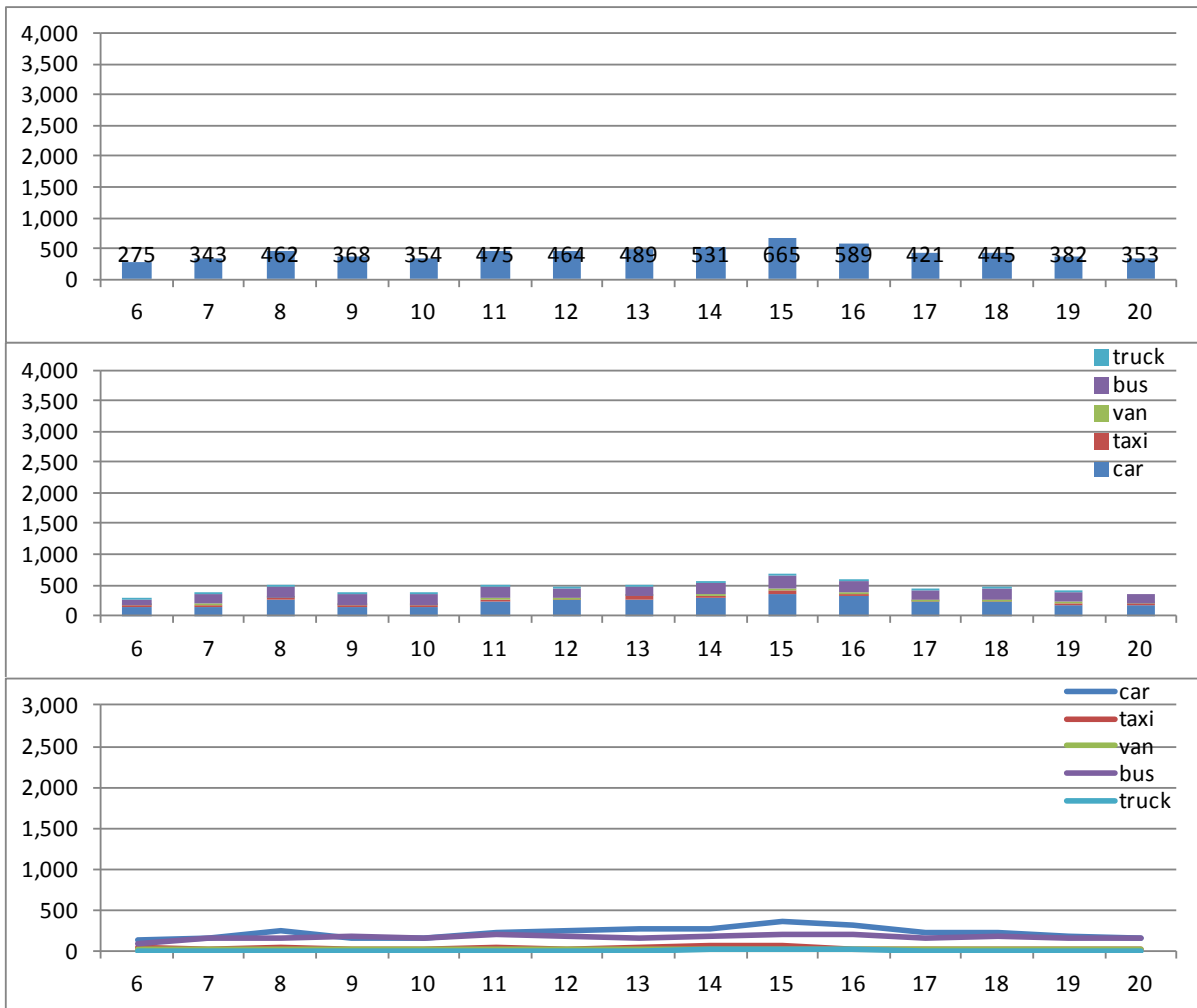


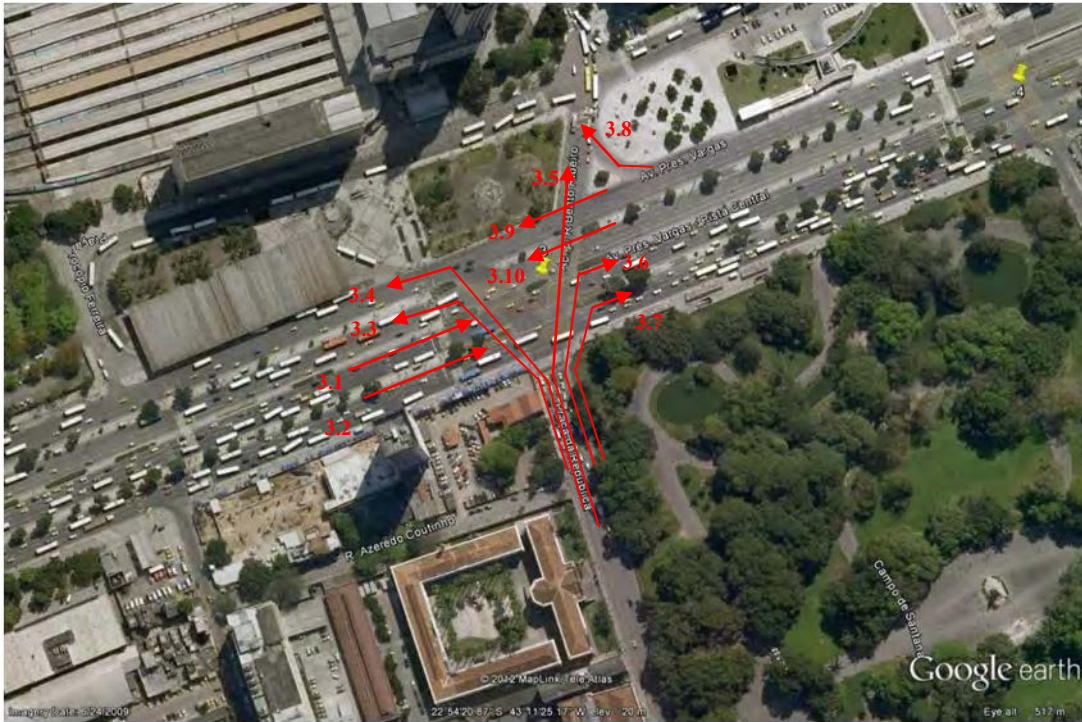
Flow 3.3



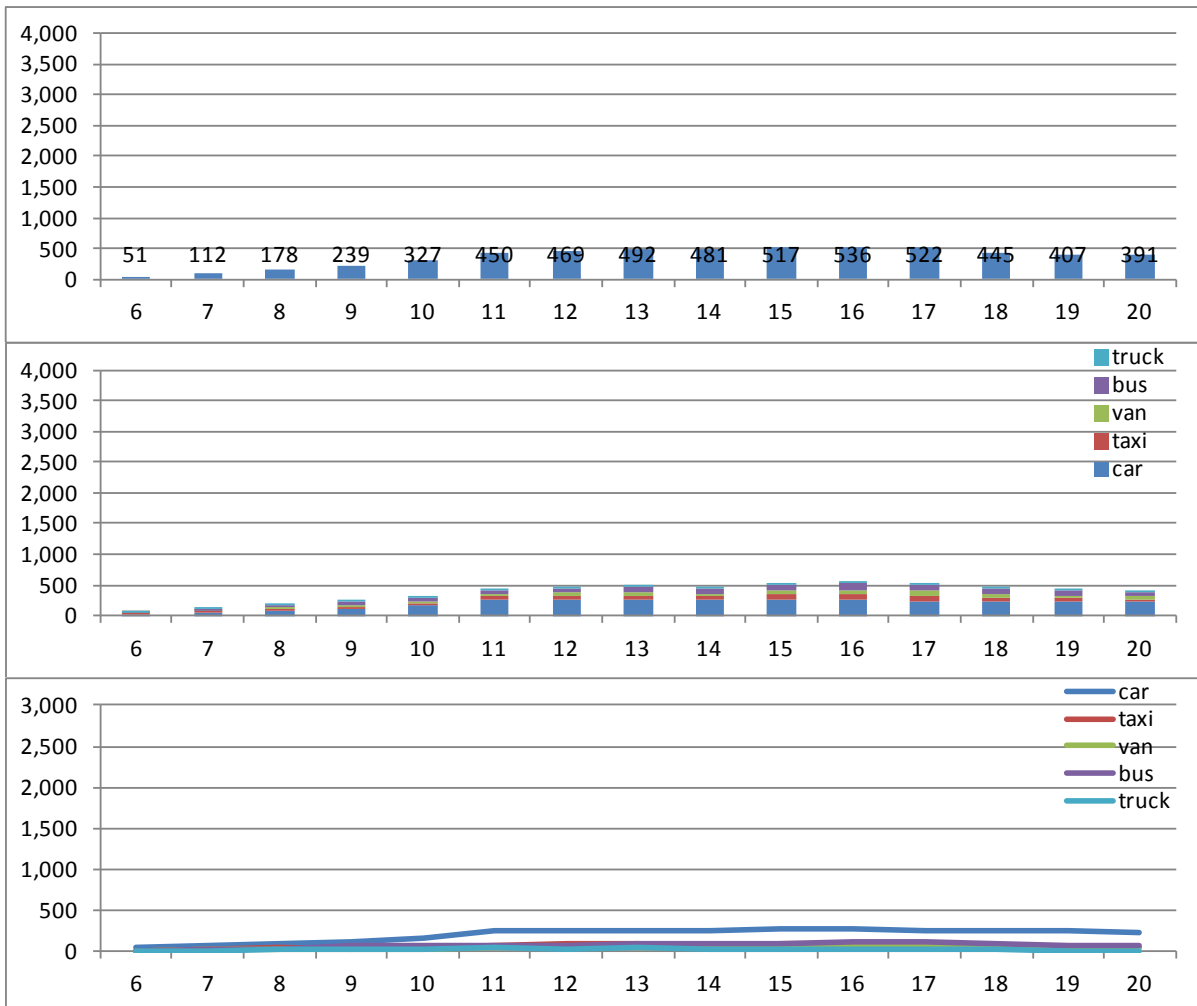


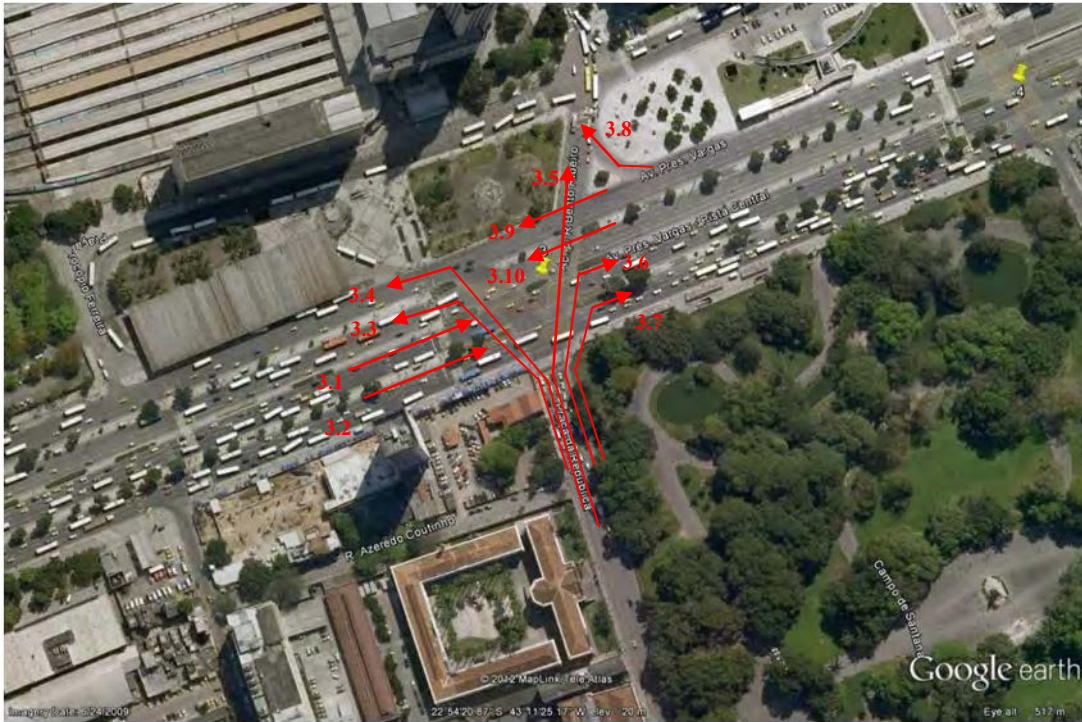
Flow 3.4



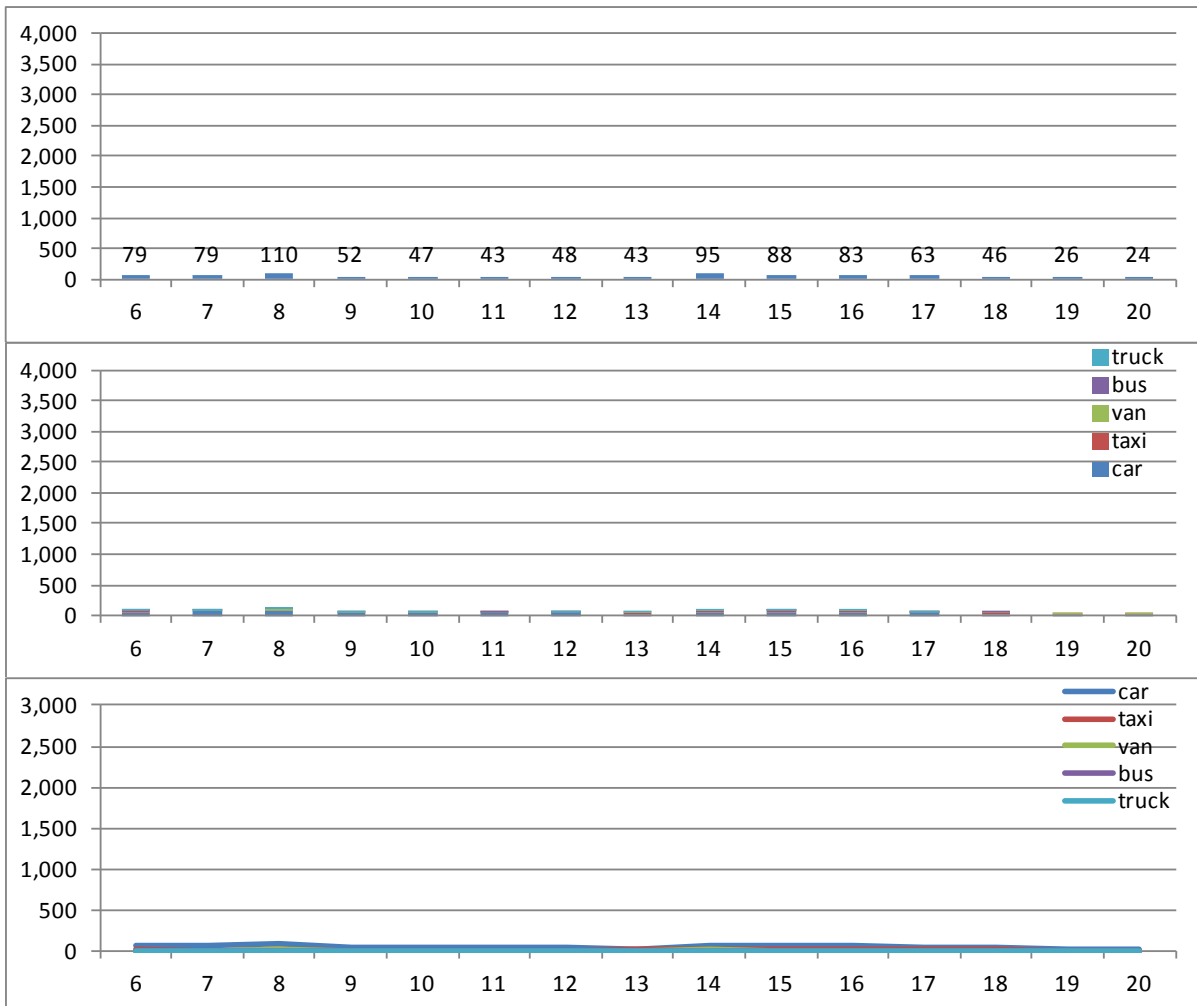


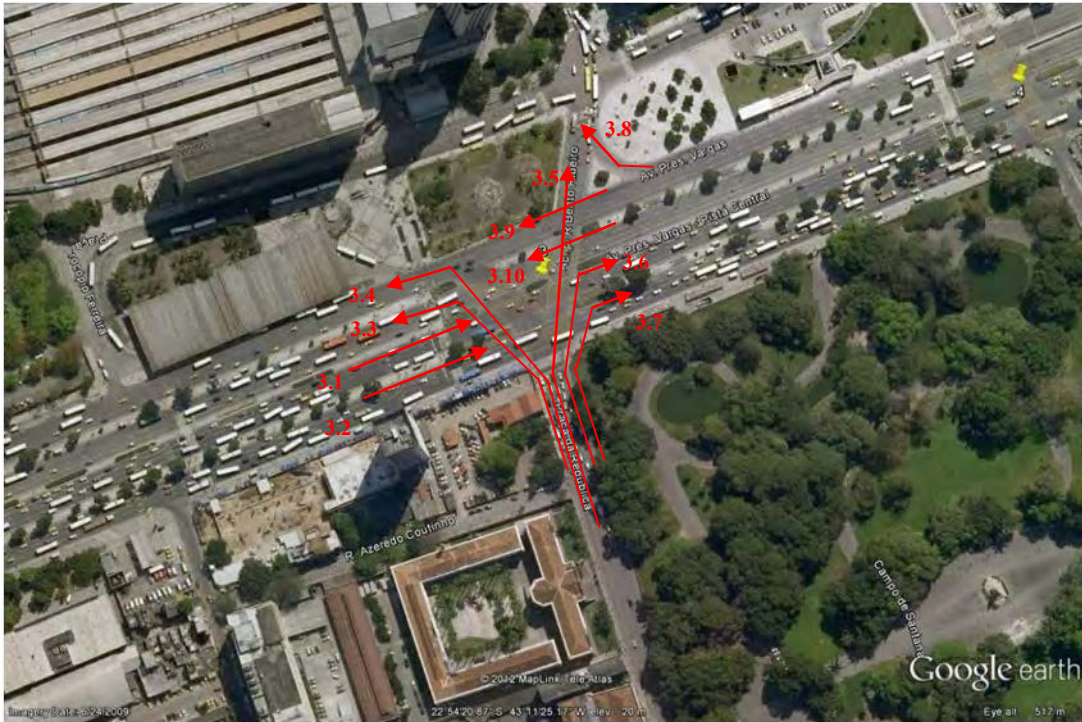
Flow 3.5



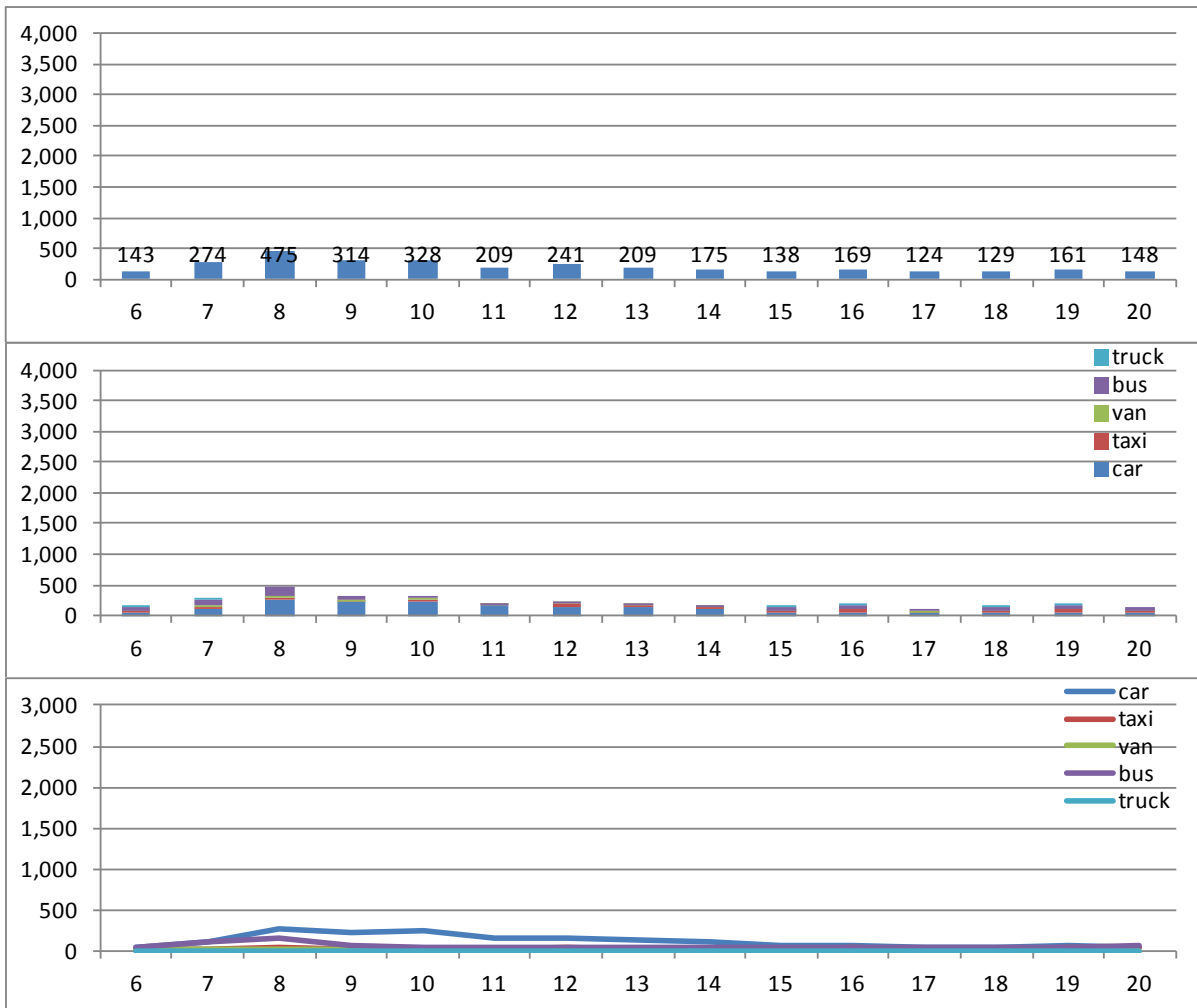


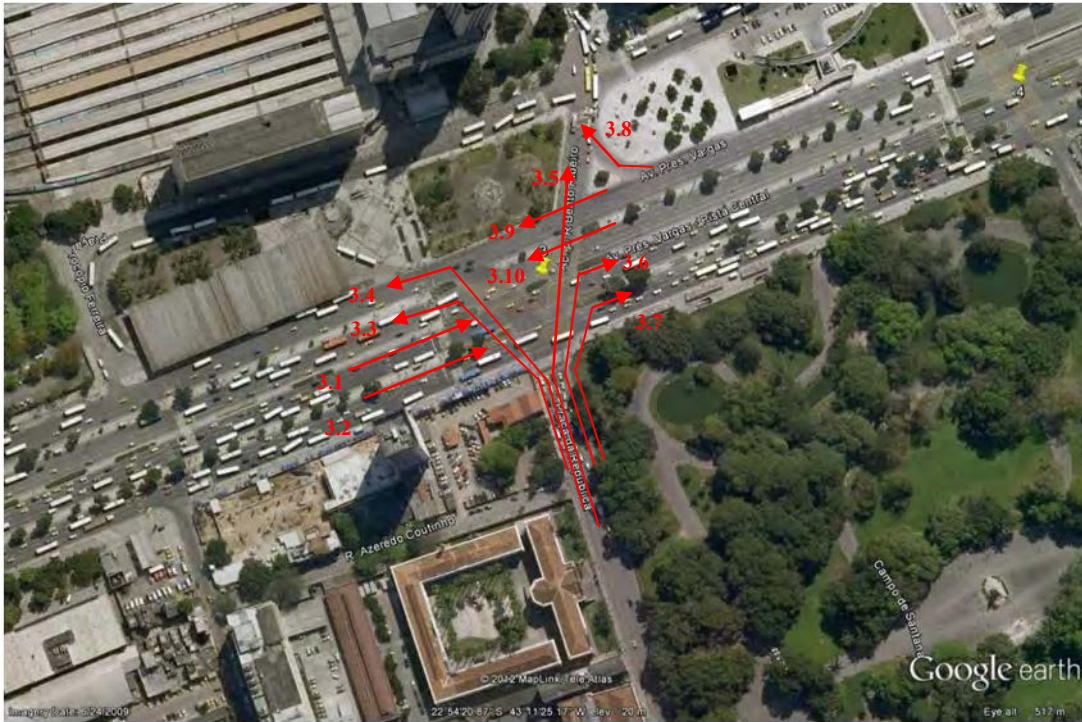
Flow 3.7



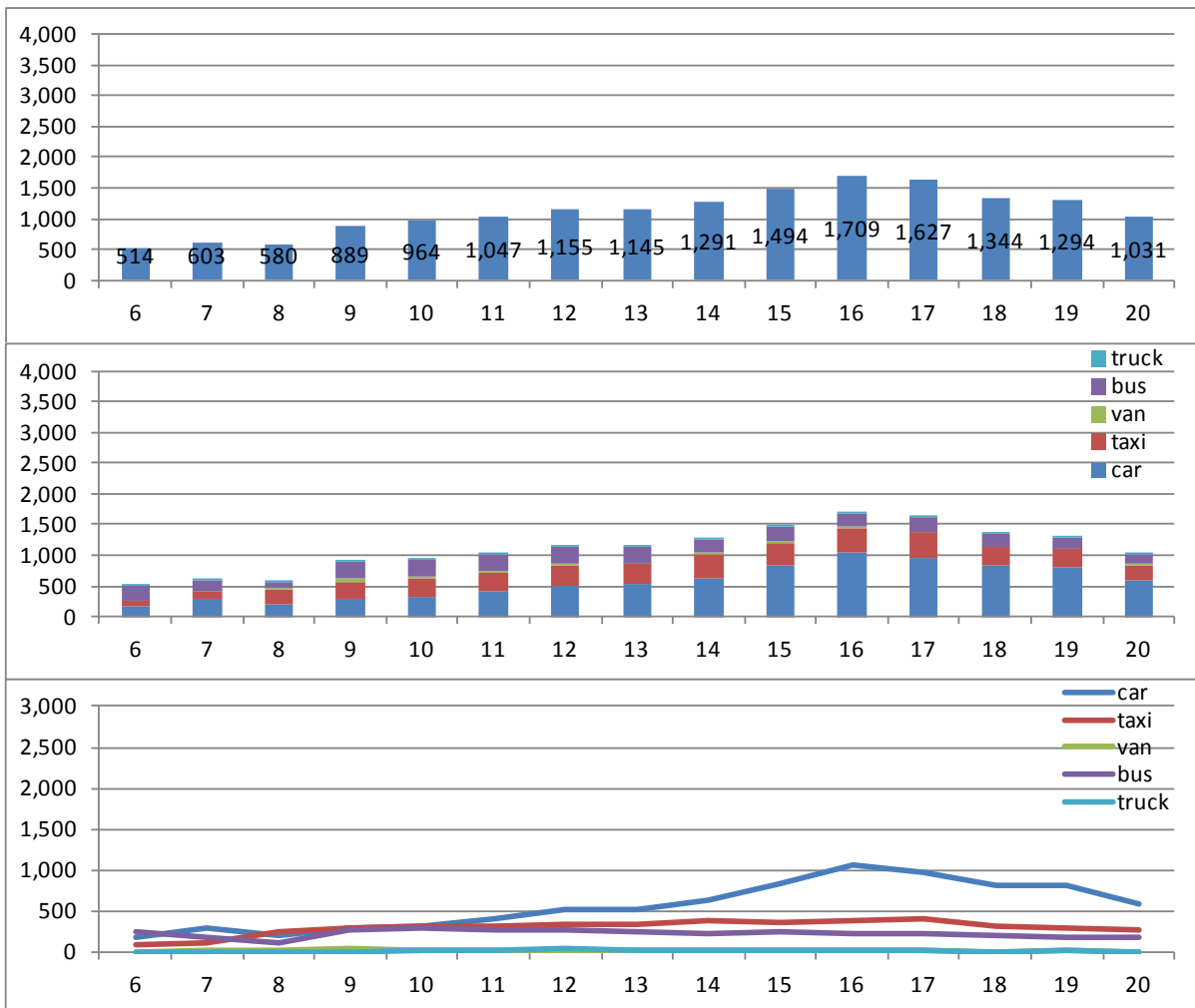


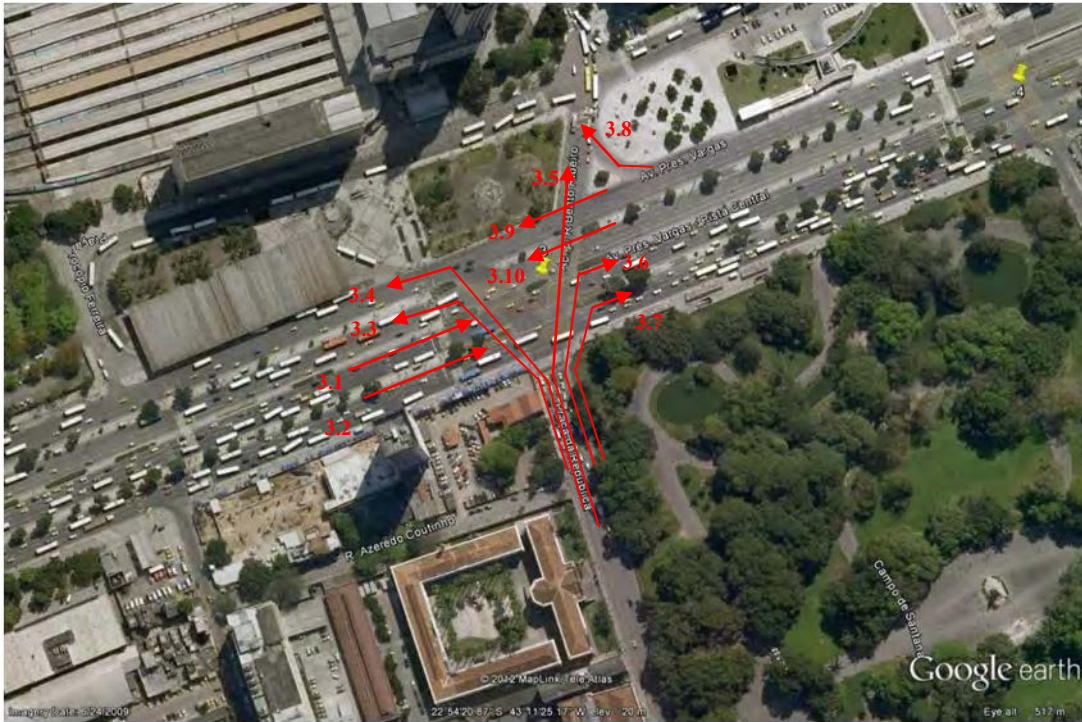
Flow 3.8



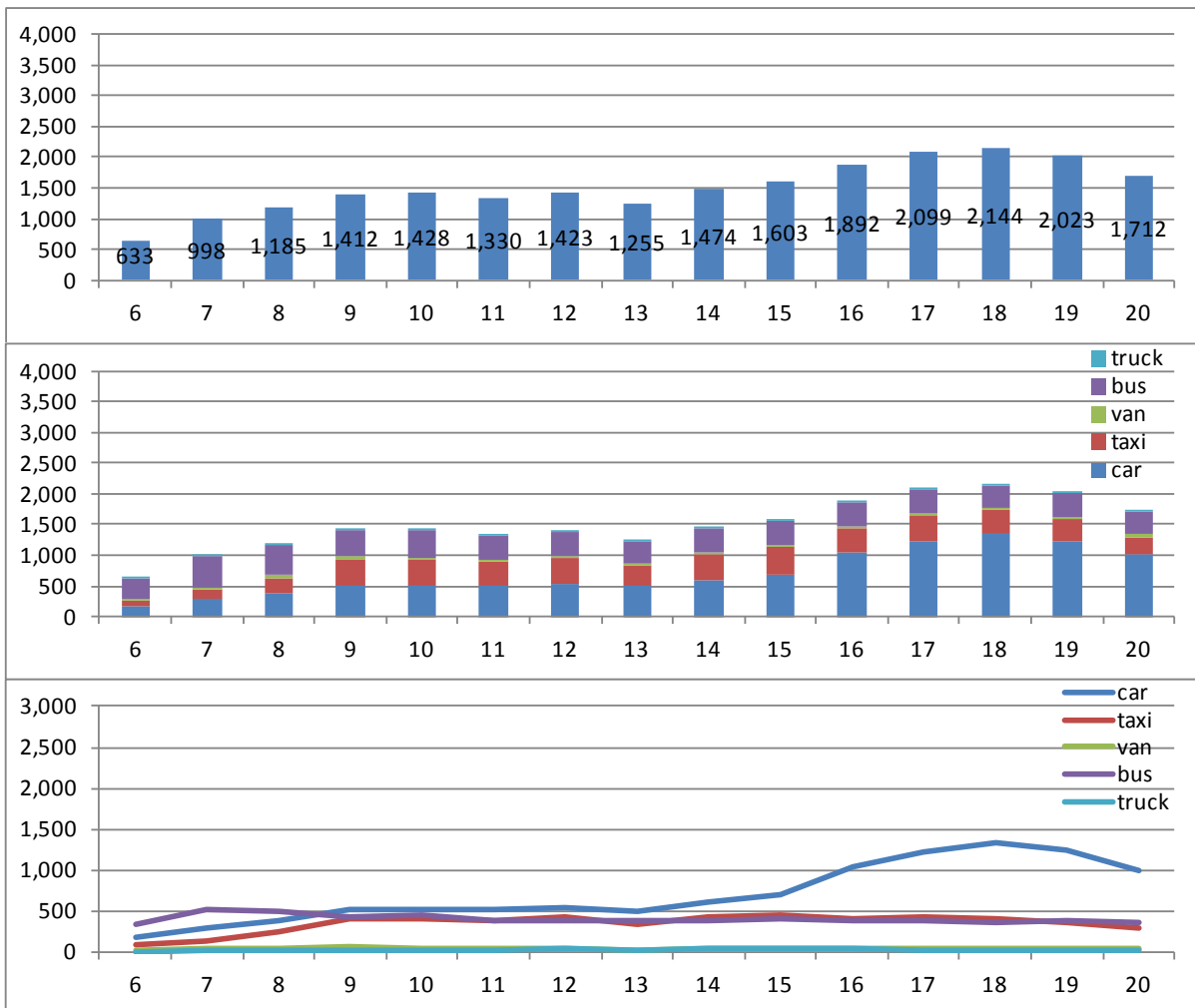


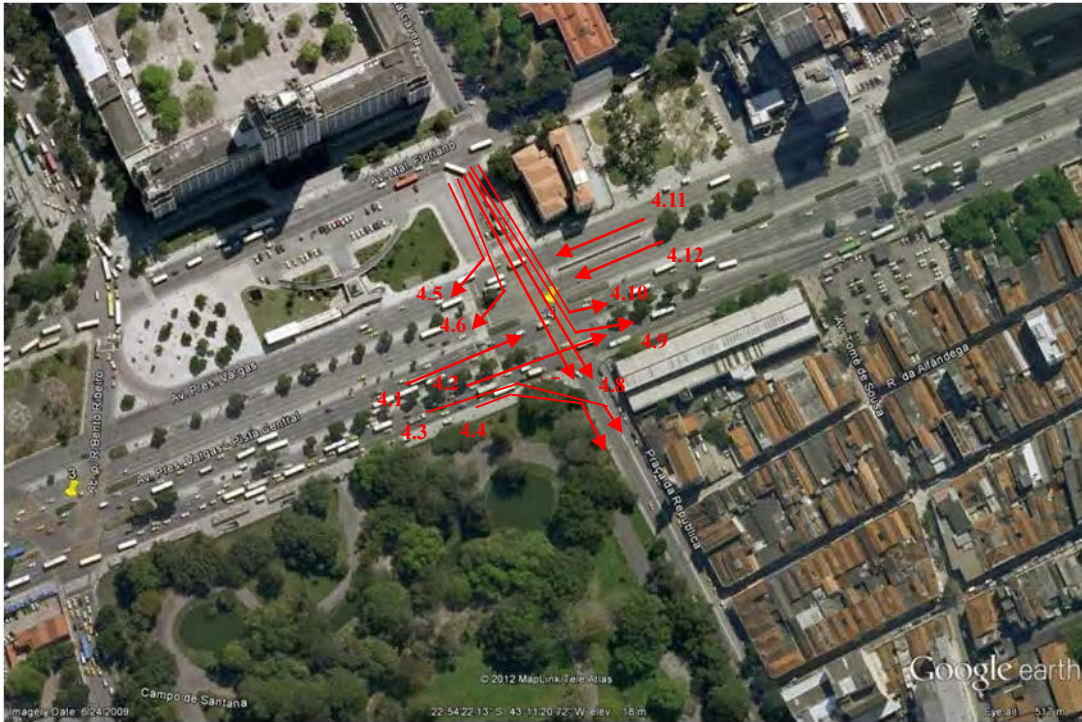
Flow 3.9



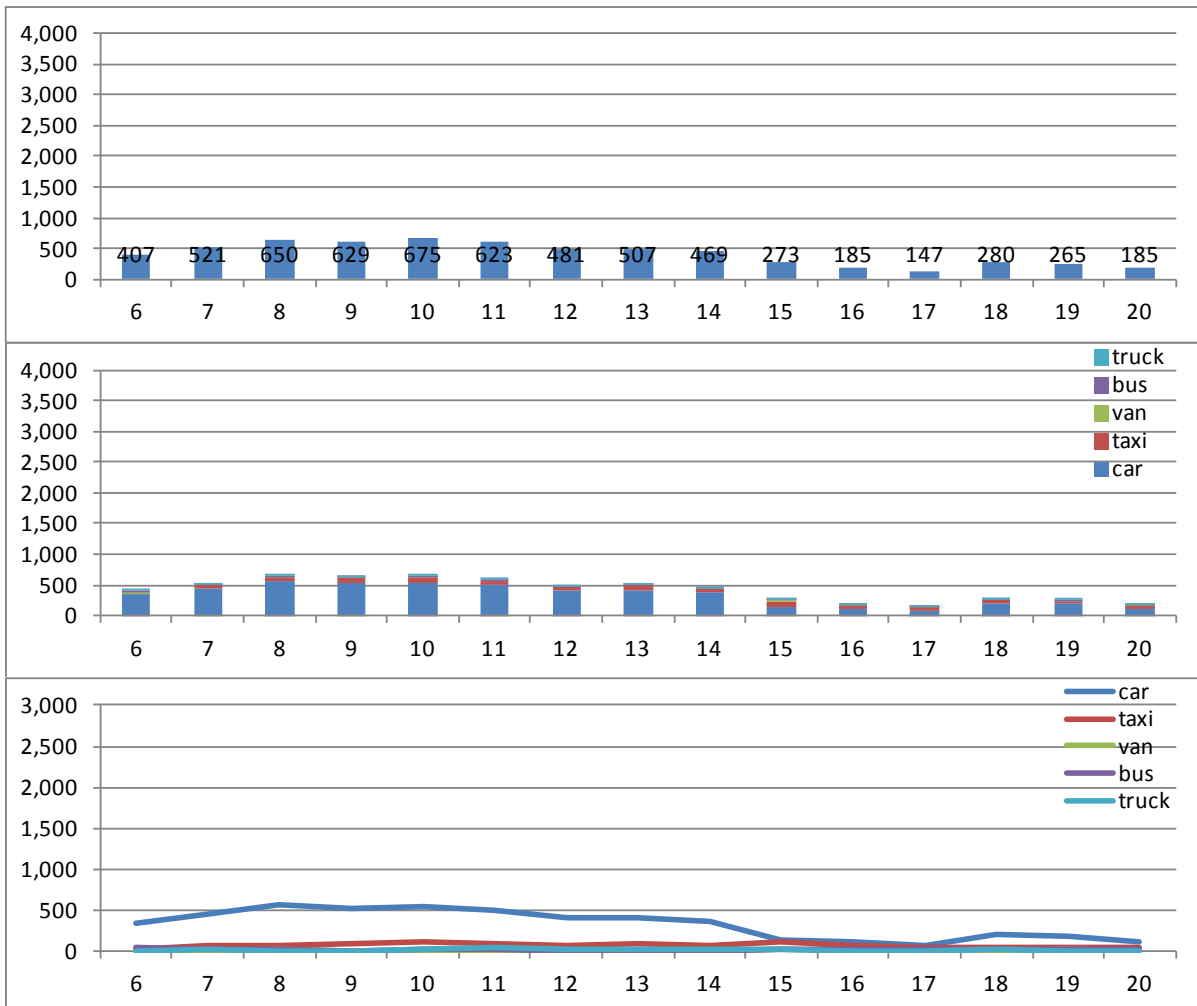


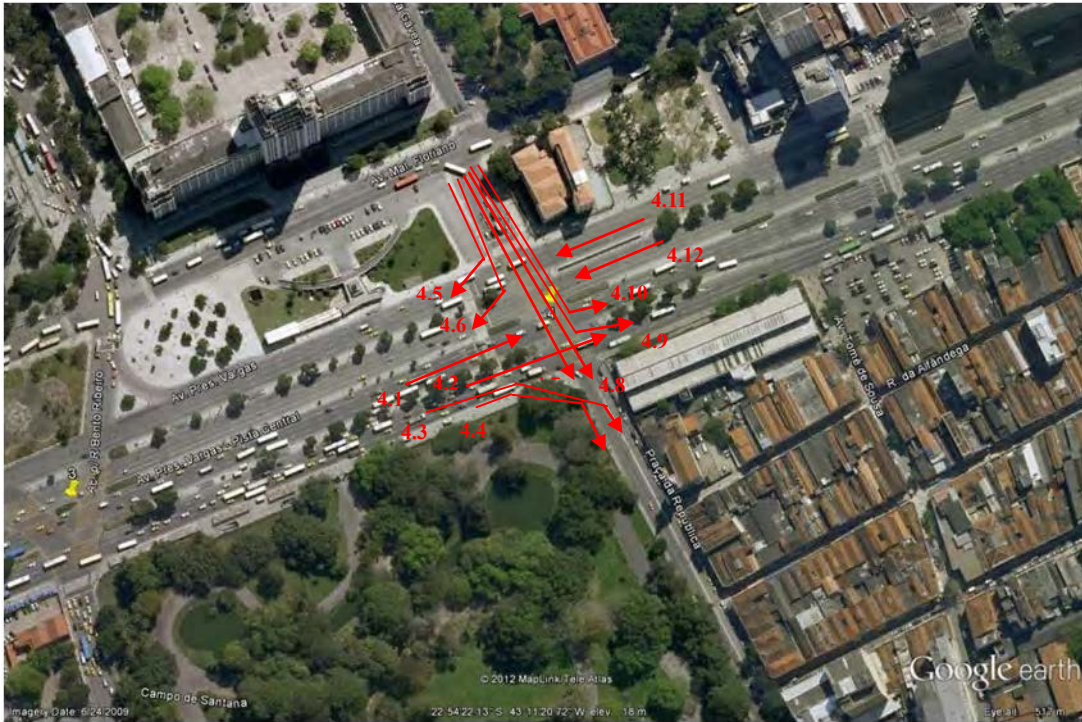
Flow 3.10



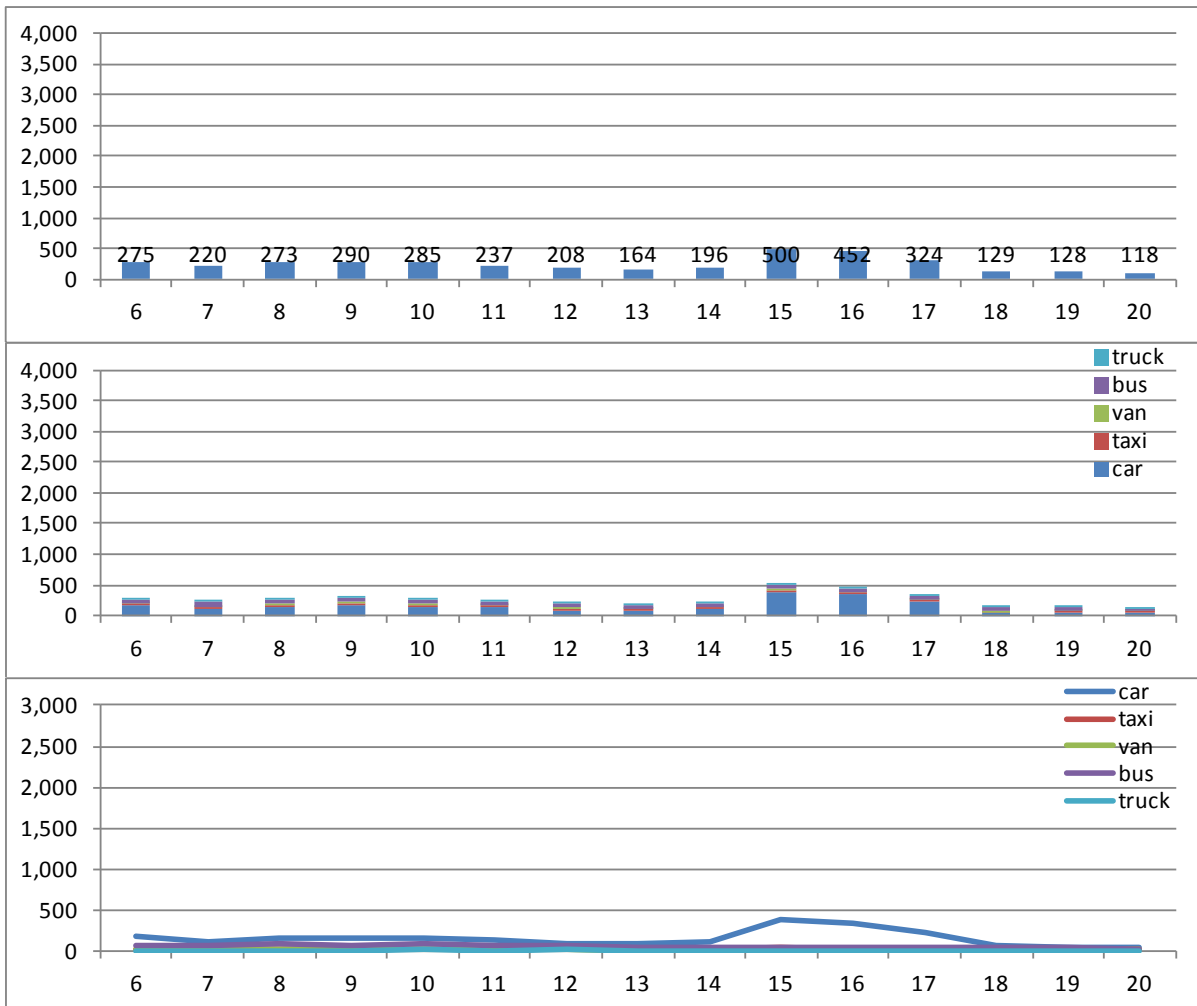


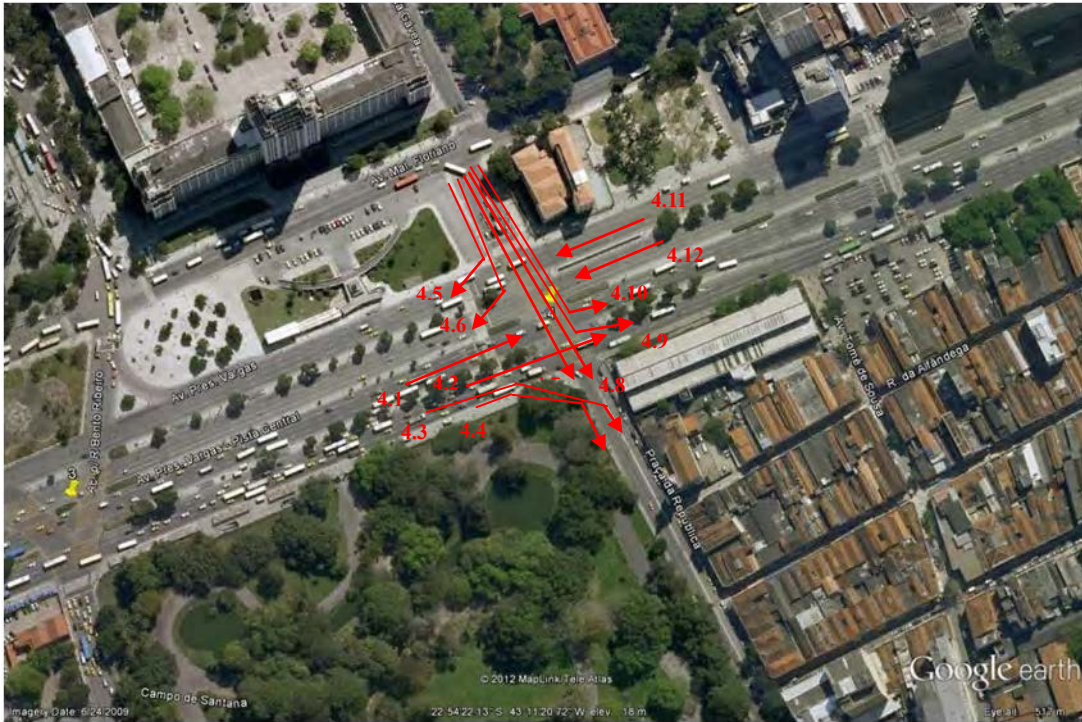
Flow 4.3



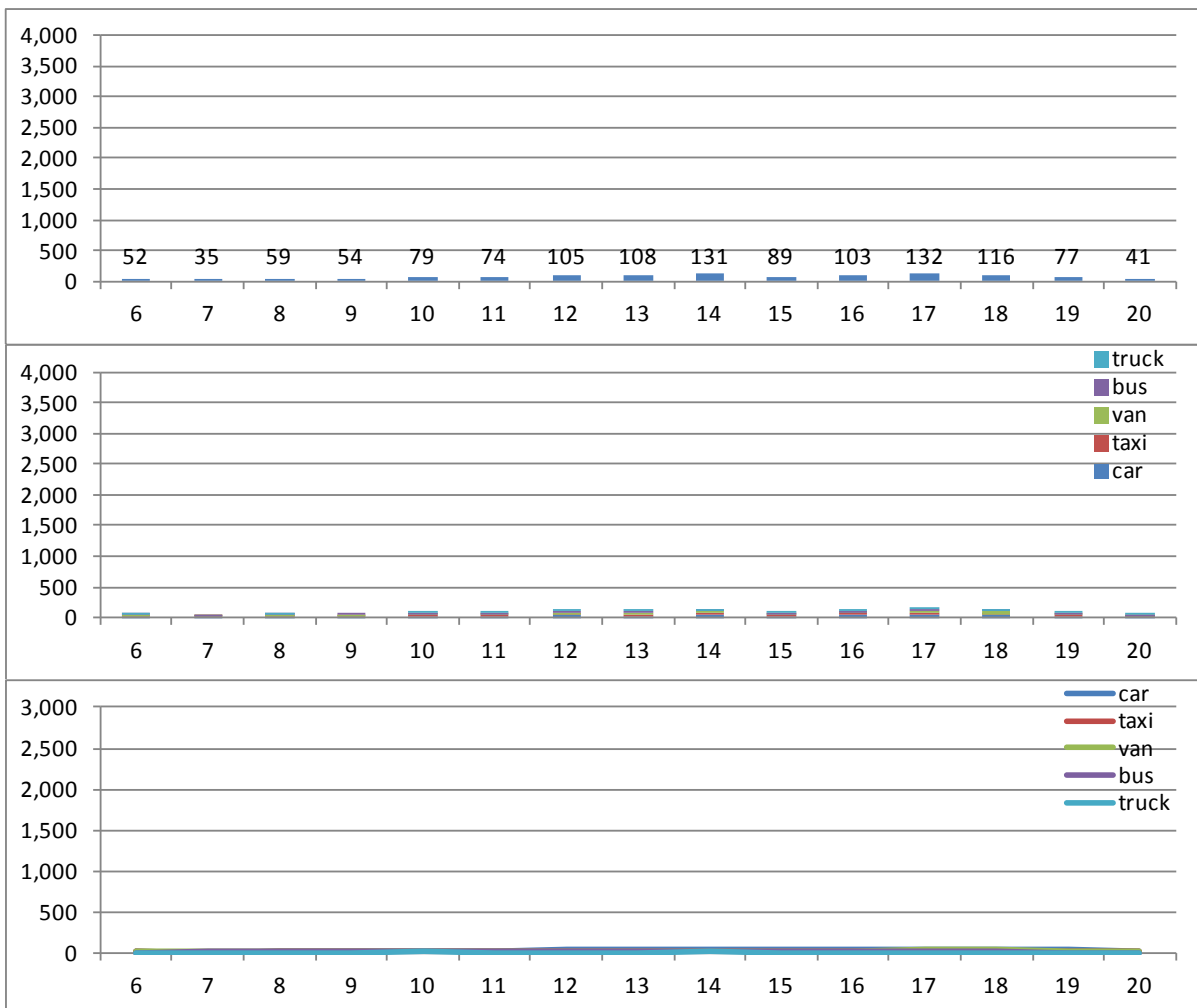


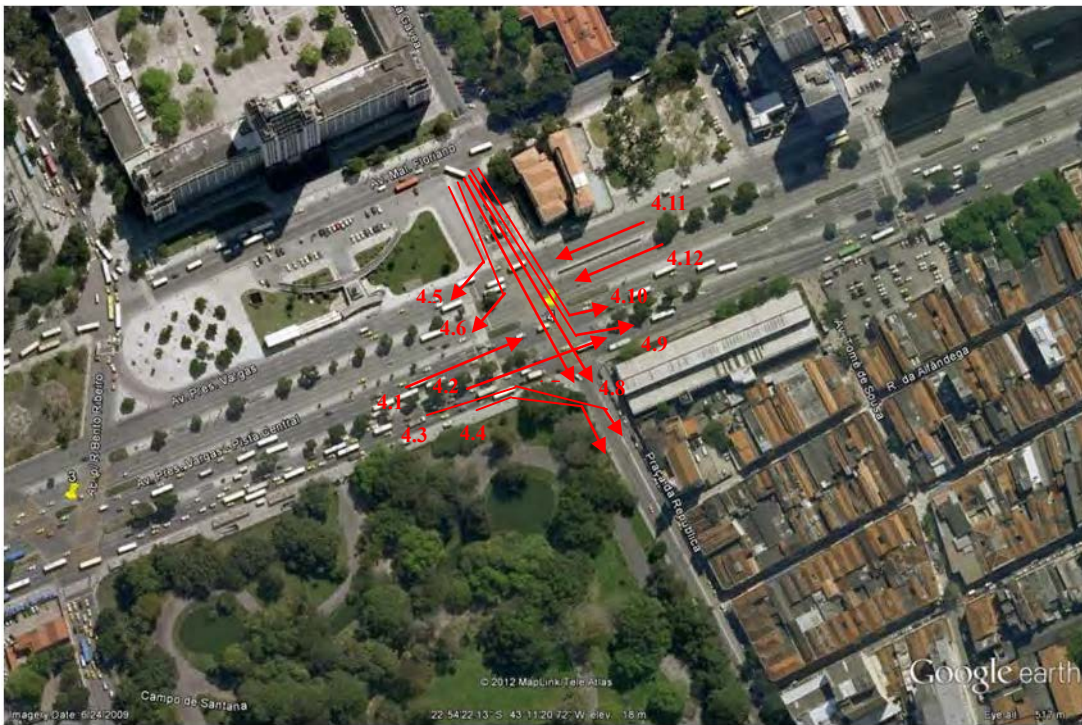
Flow 4.4



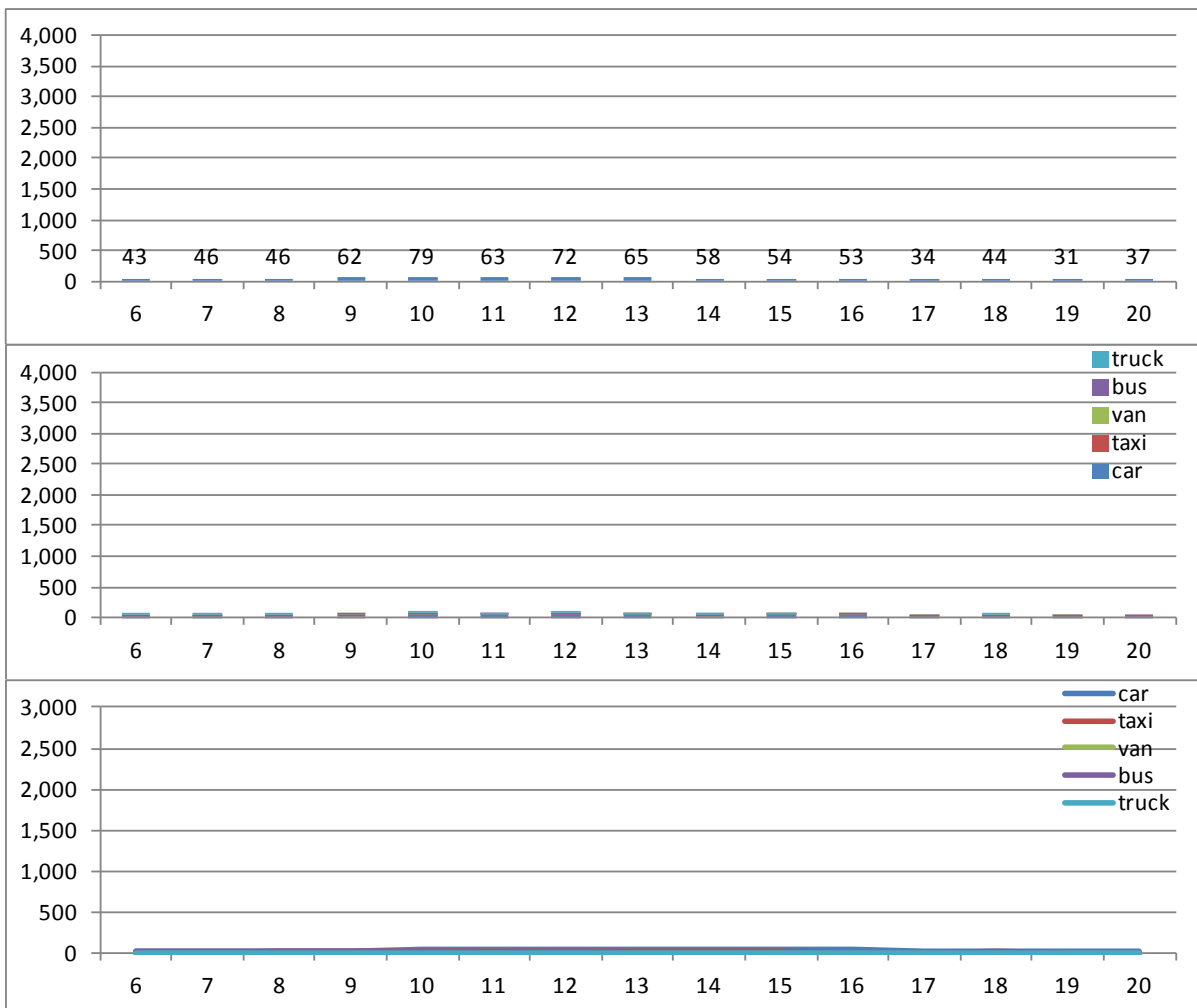


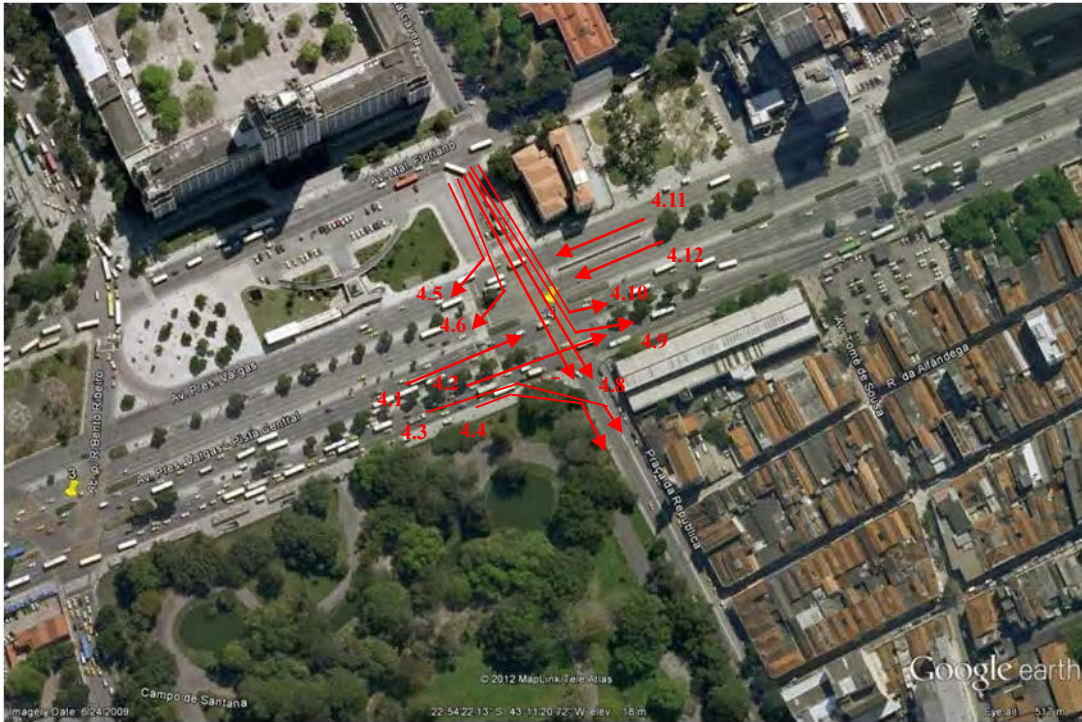
Flow 4.7



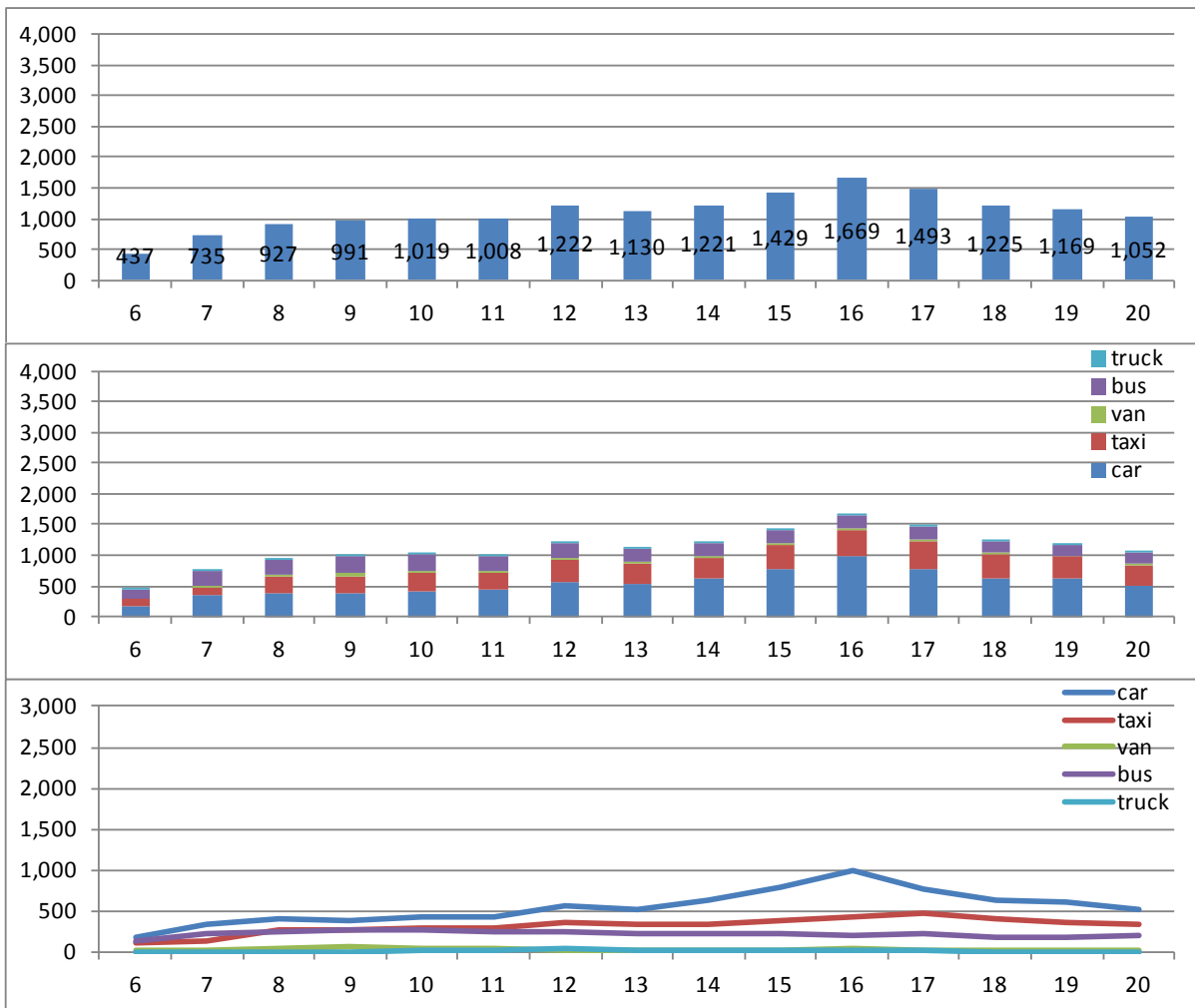


Flow 4.10





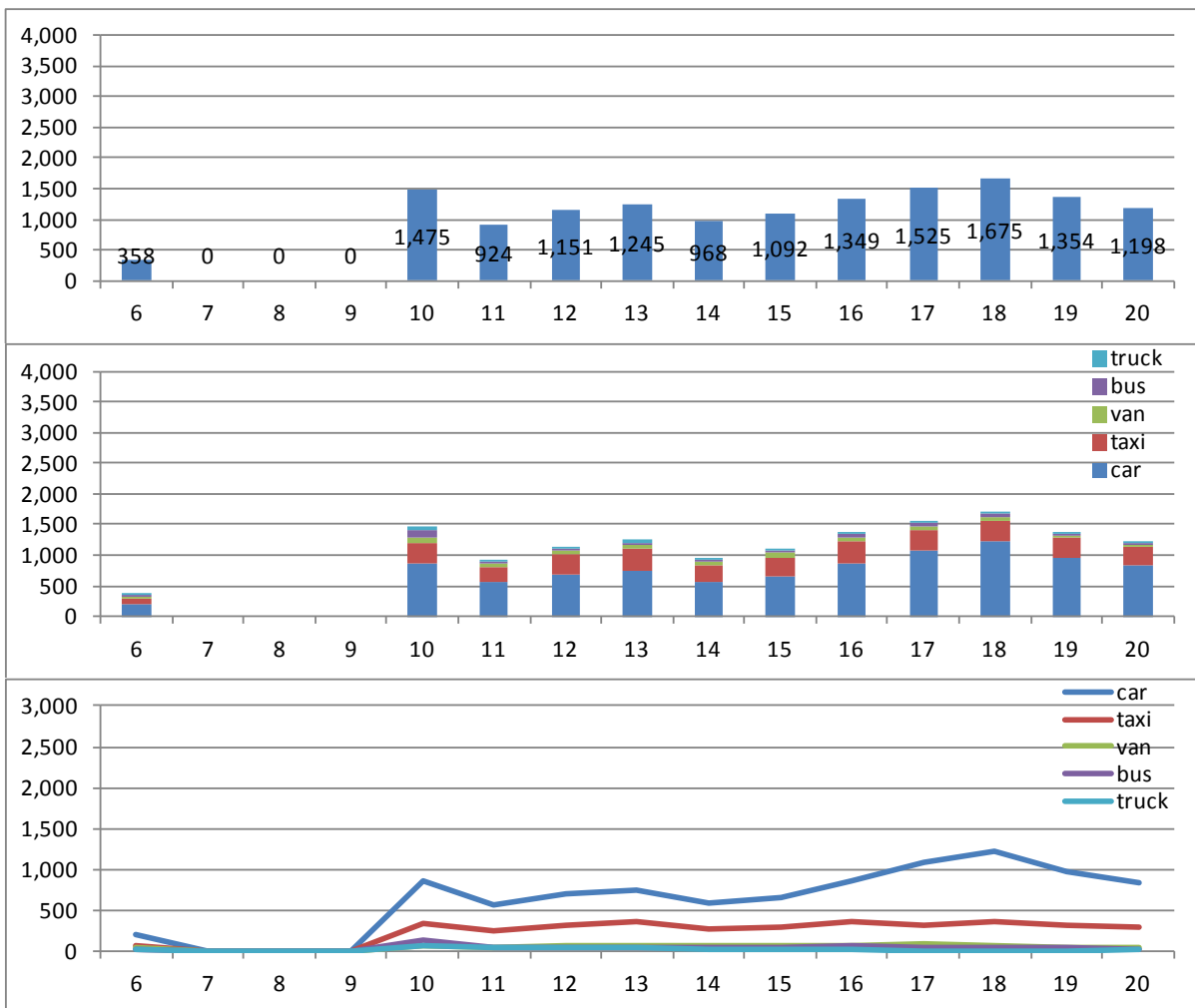
Flow 4.11

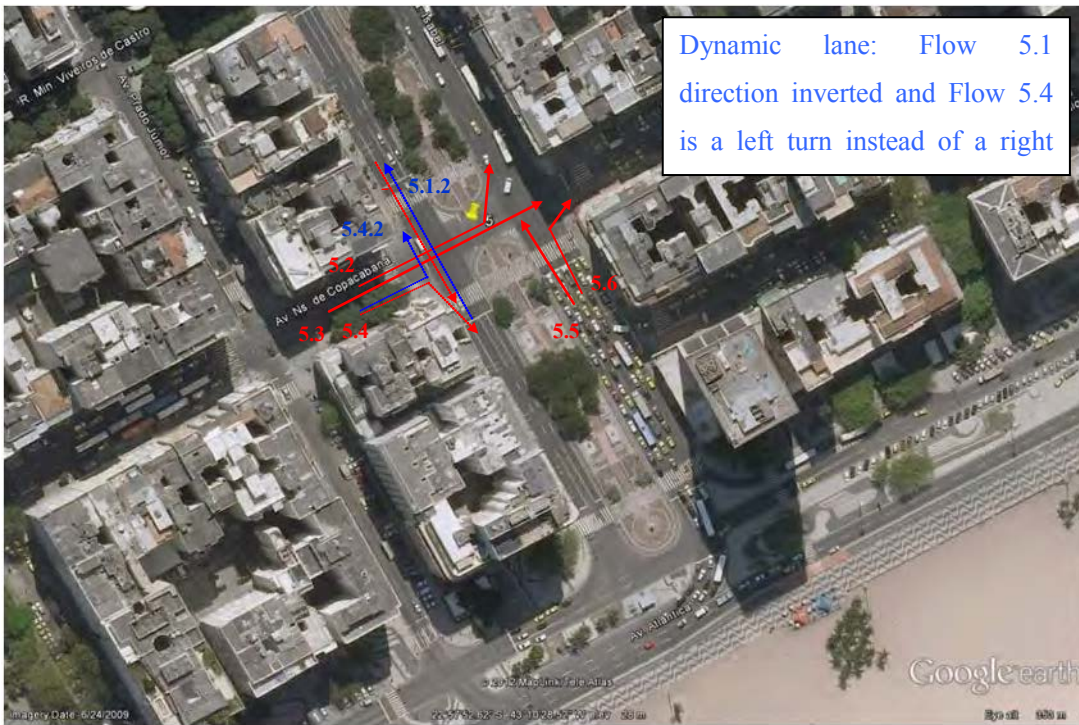


v) Av. Nossa Senhora de Copacabana - Av. Princesa Isabel

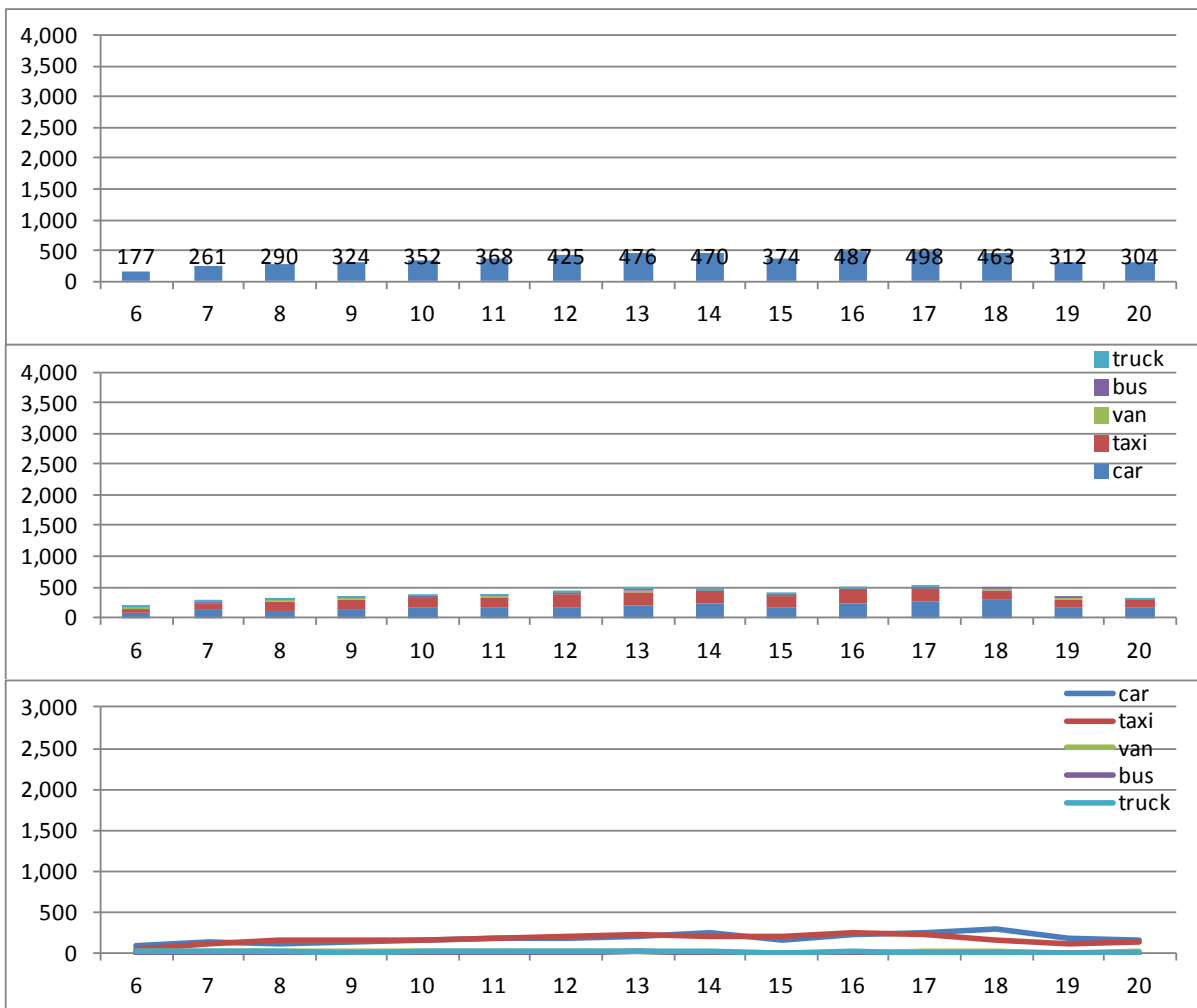


Flow 5.1



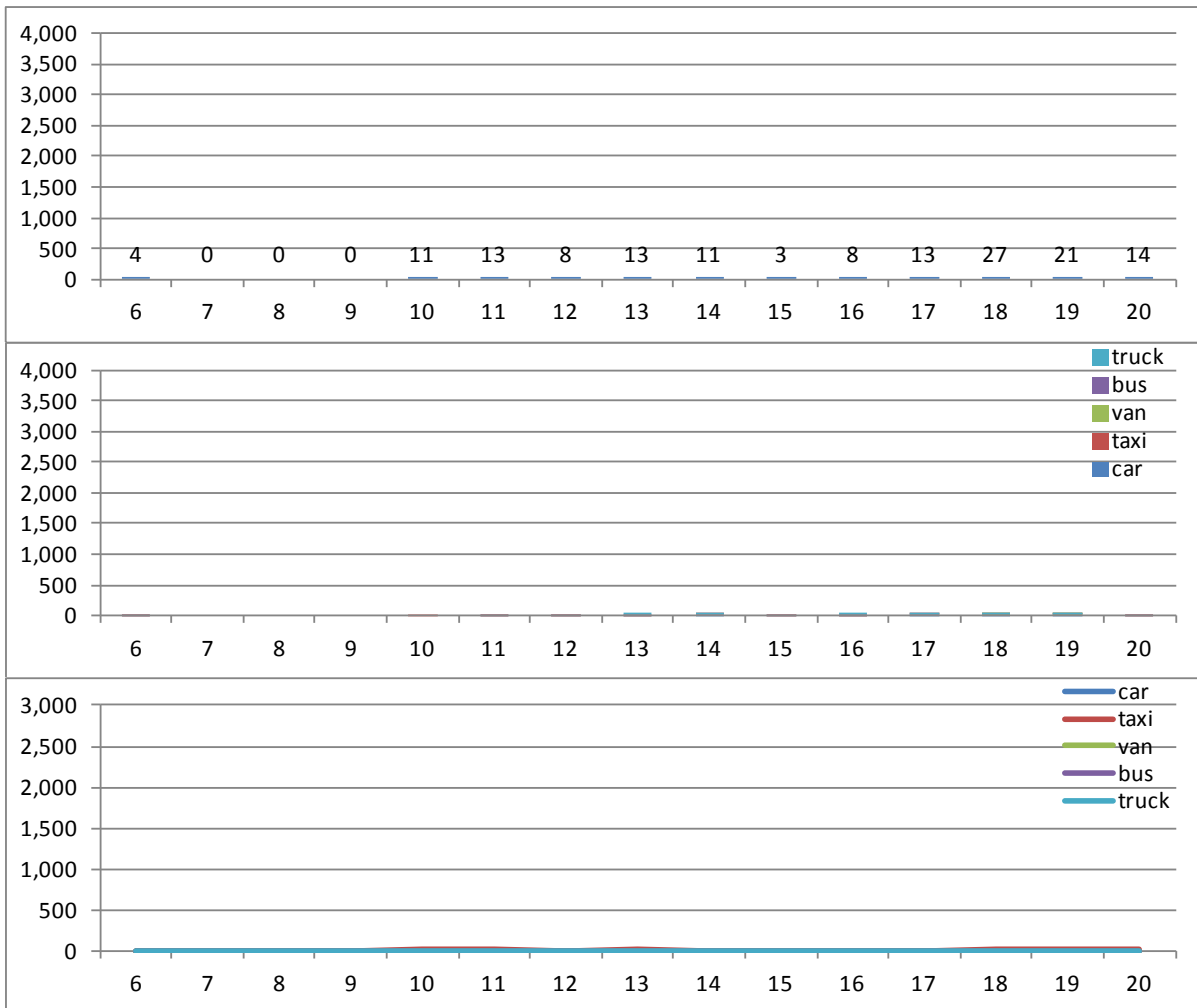


Flow 5.2



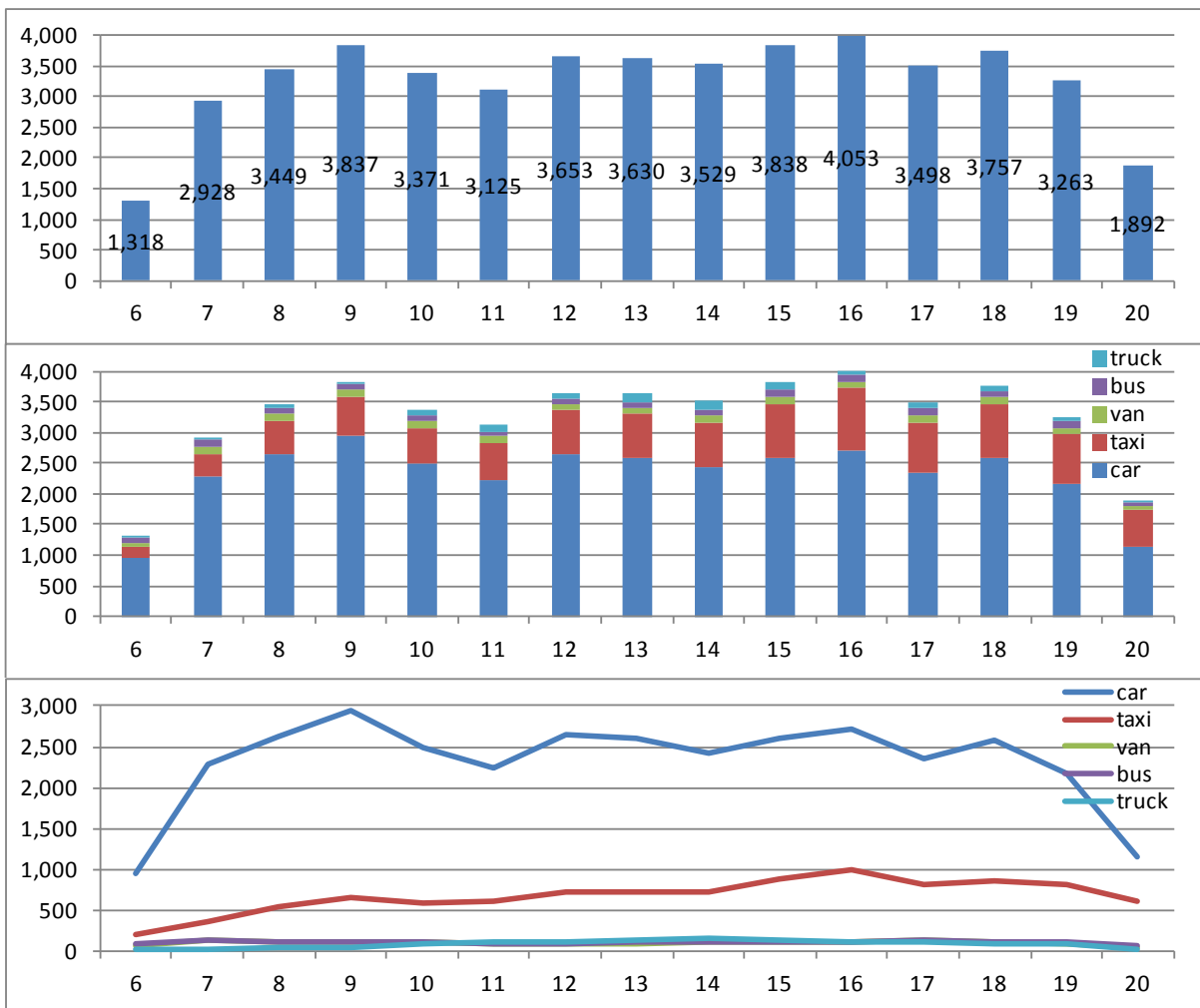


Flow 5.3



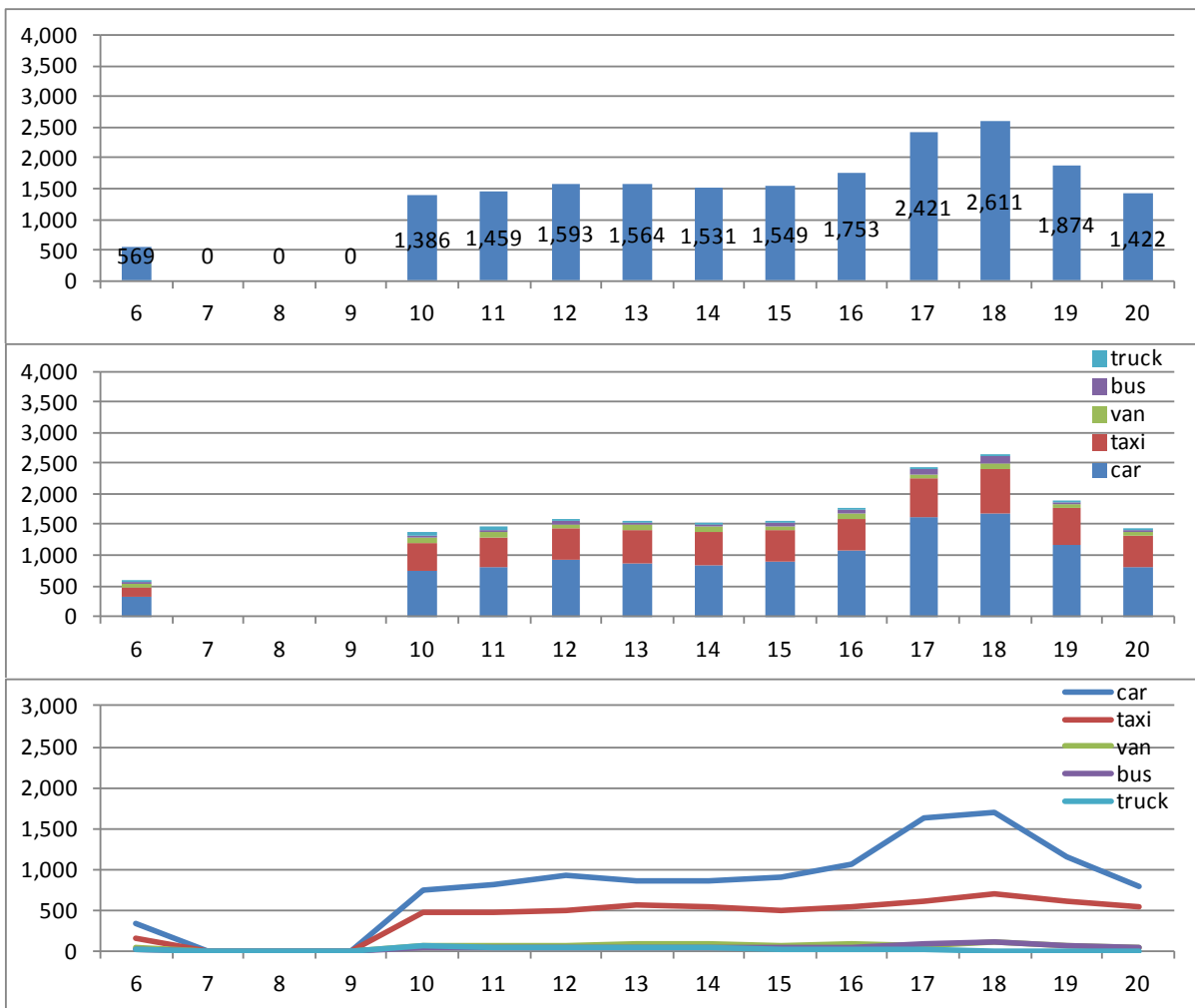


Flow 5.4



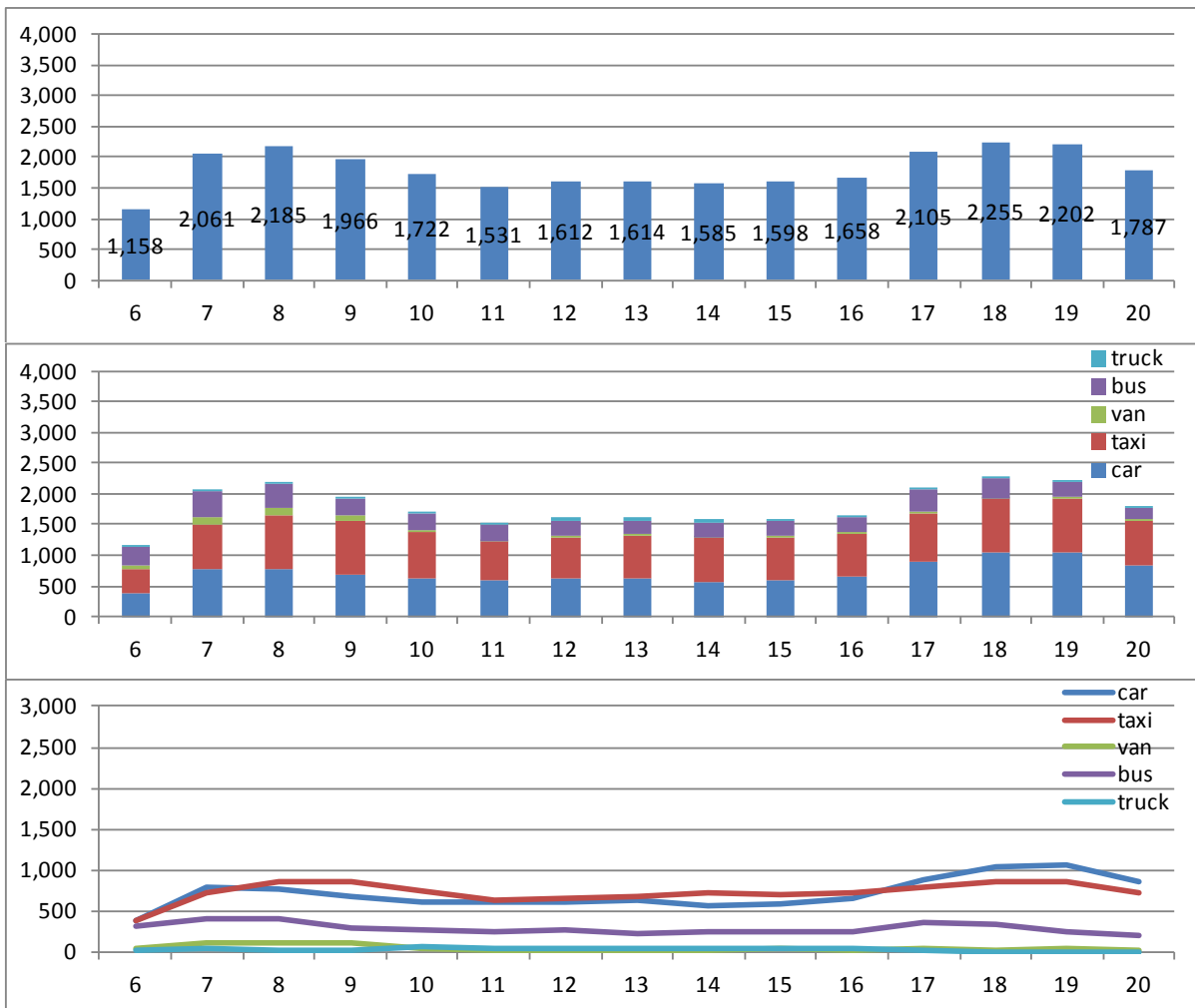


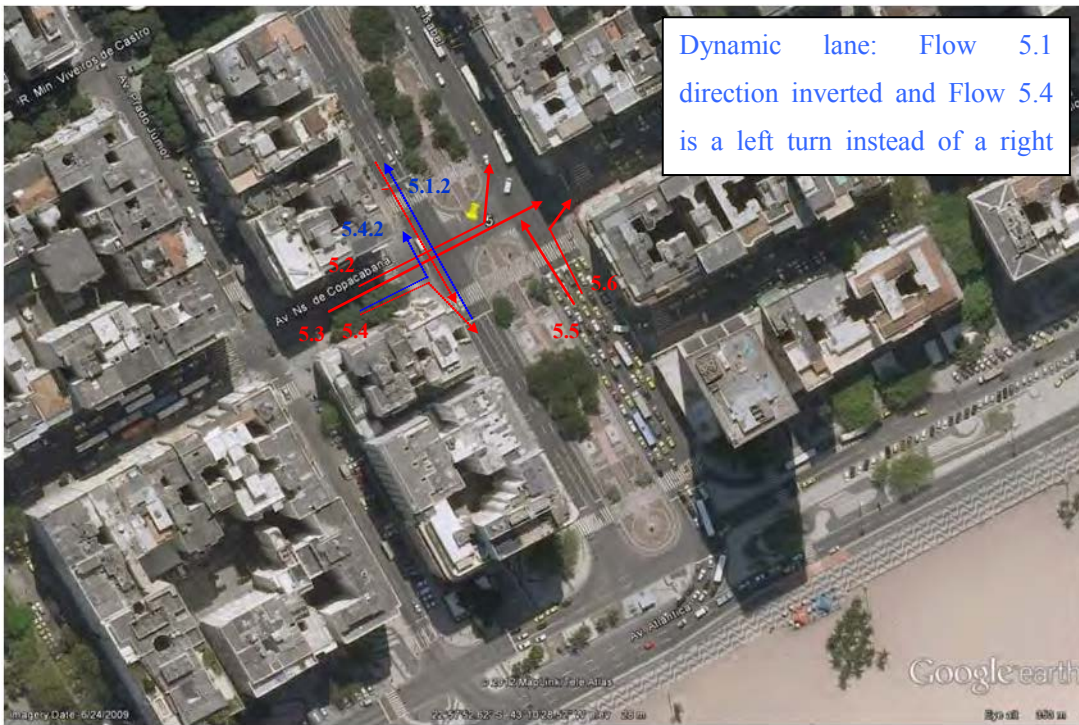
Flow 5.5



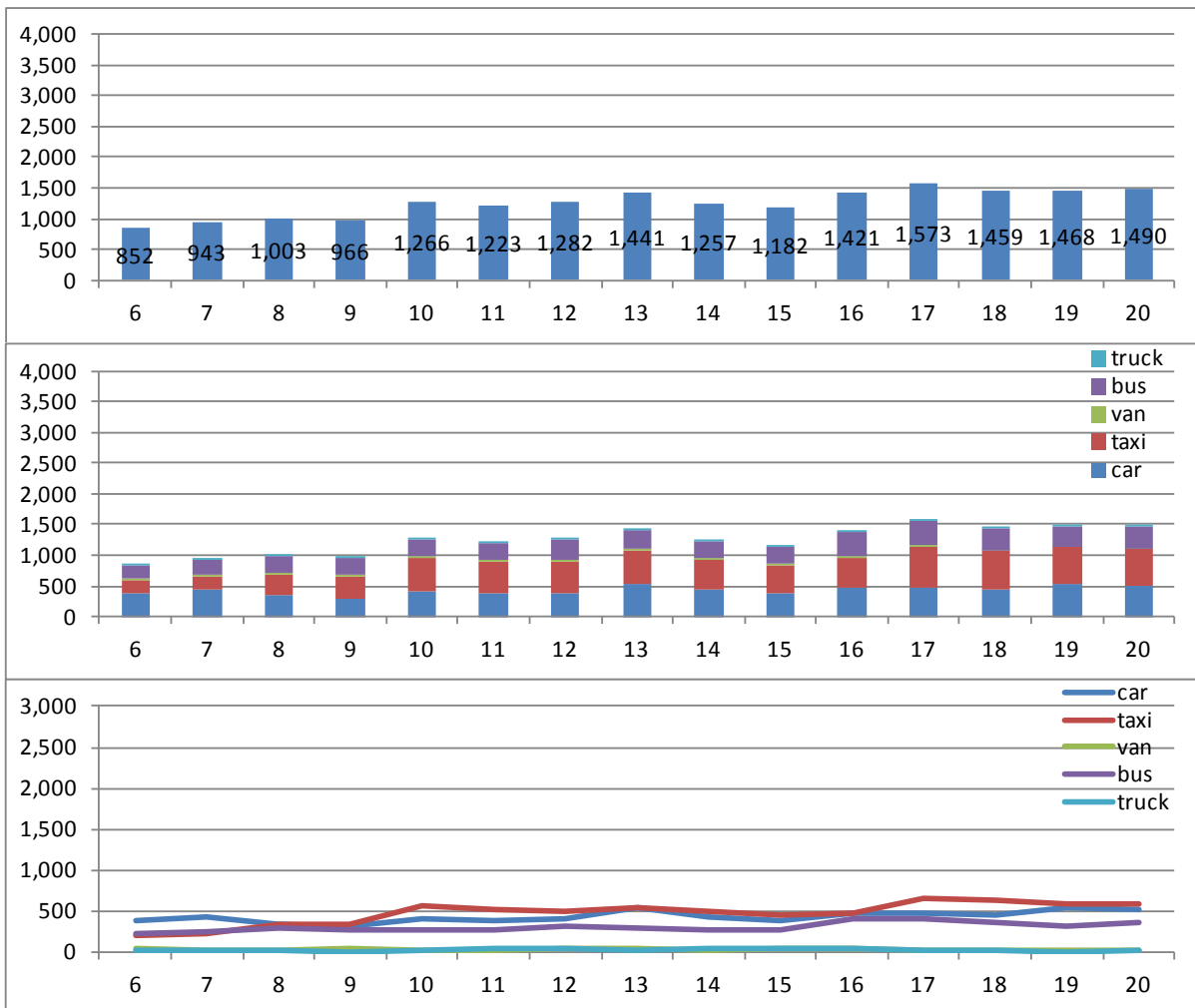


Flow 5.6



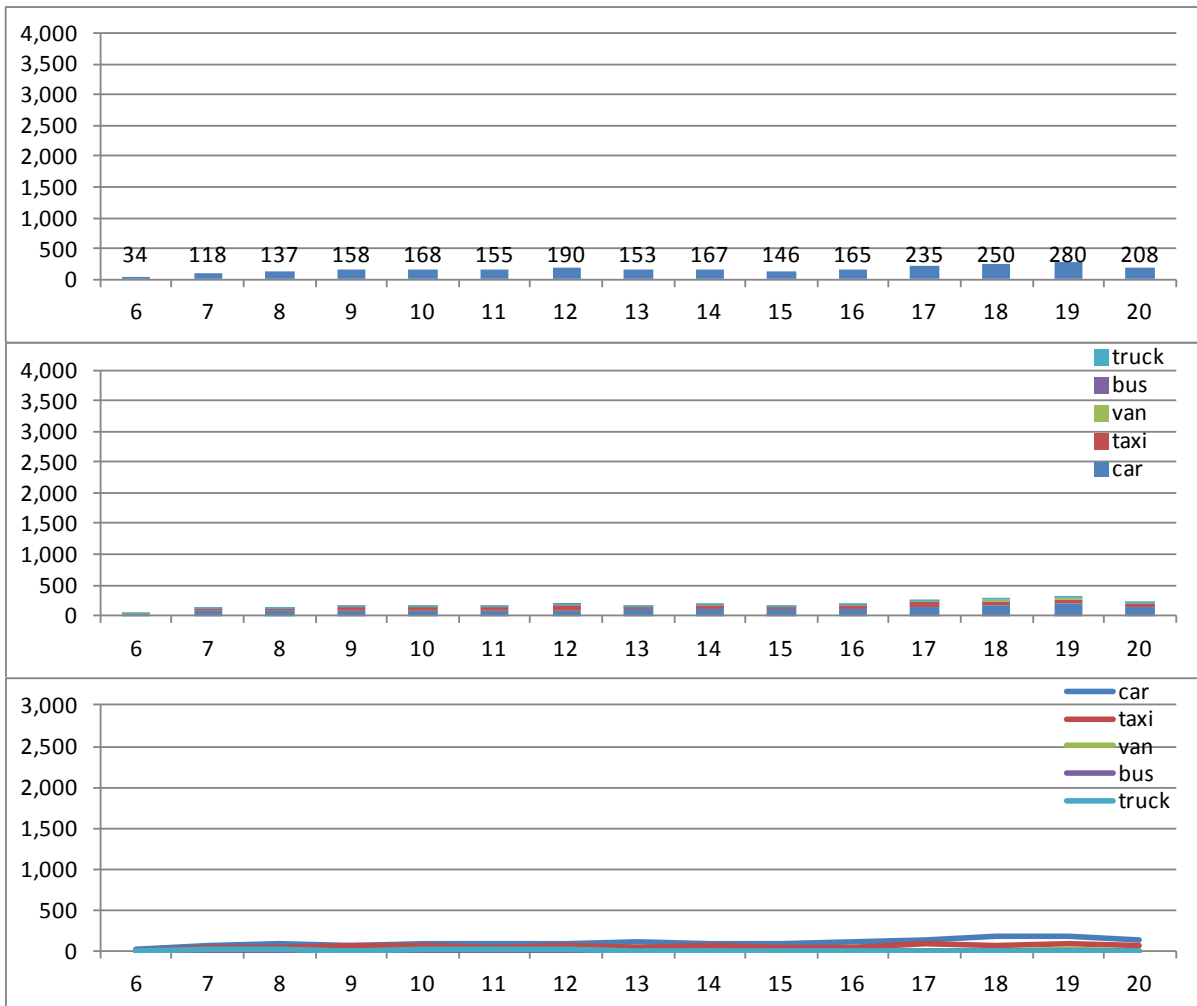


Flow 5.1_2





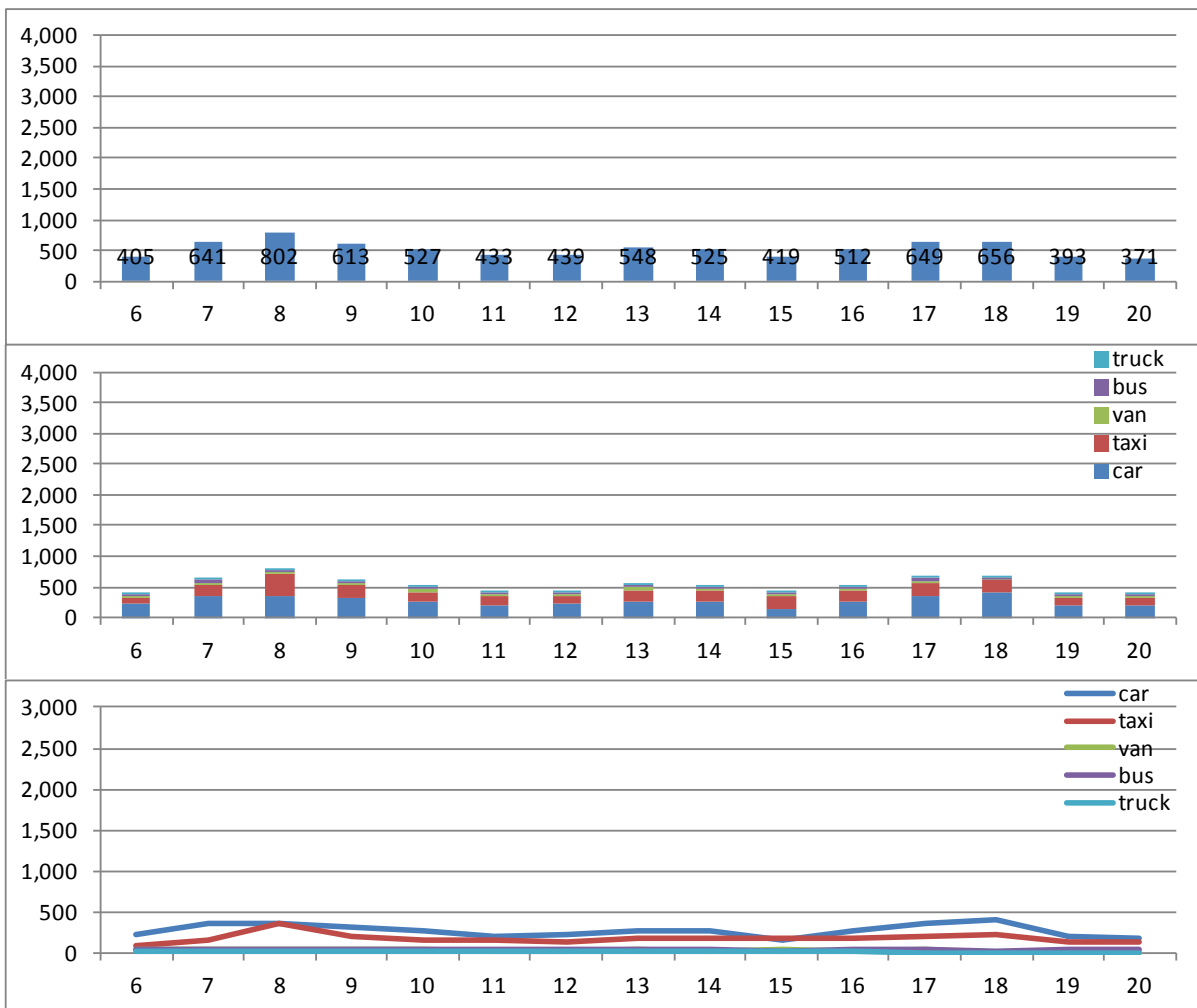
Flow 5.4_2



vi) Av. Barata Ribeiro - Av. Princesa Isabel

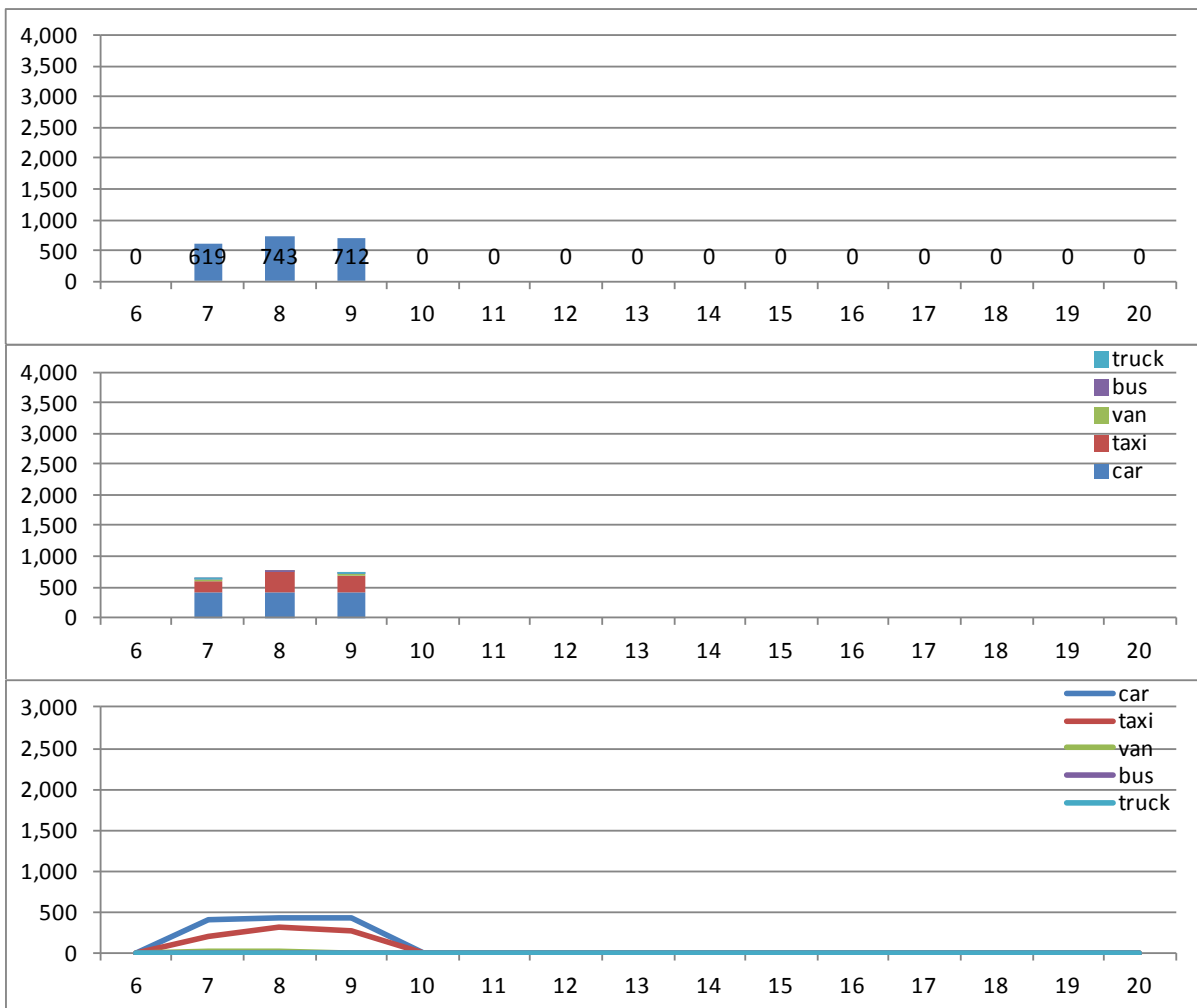


Flow 6.1



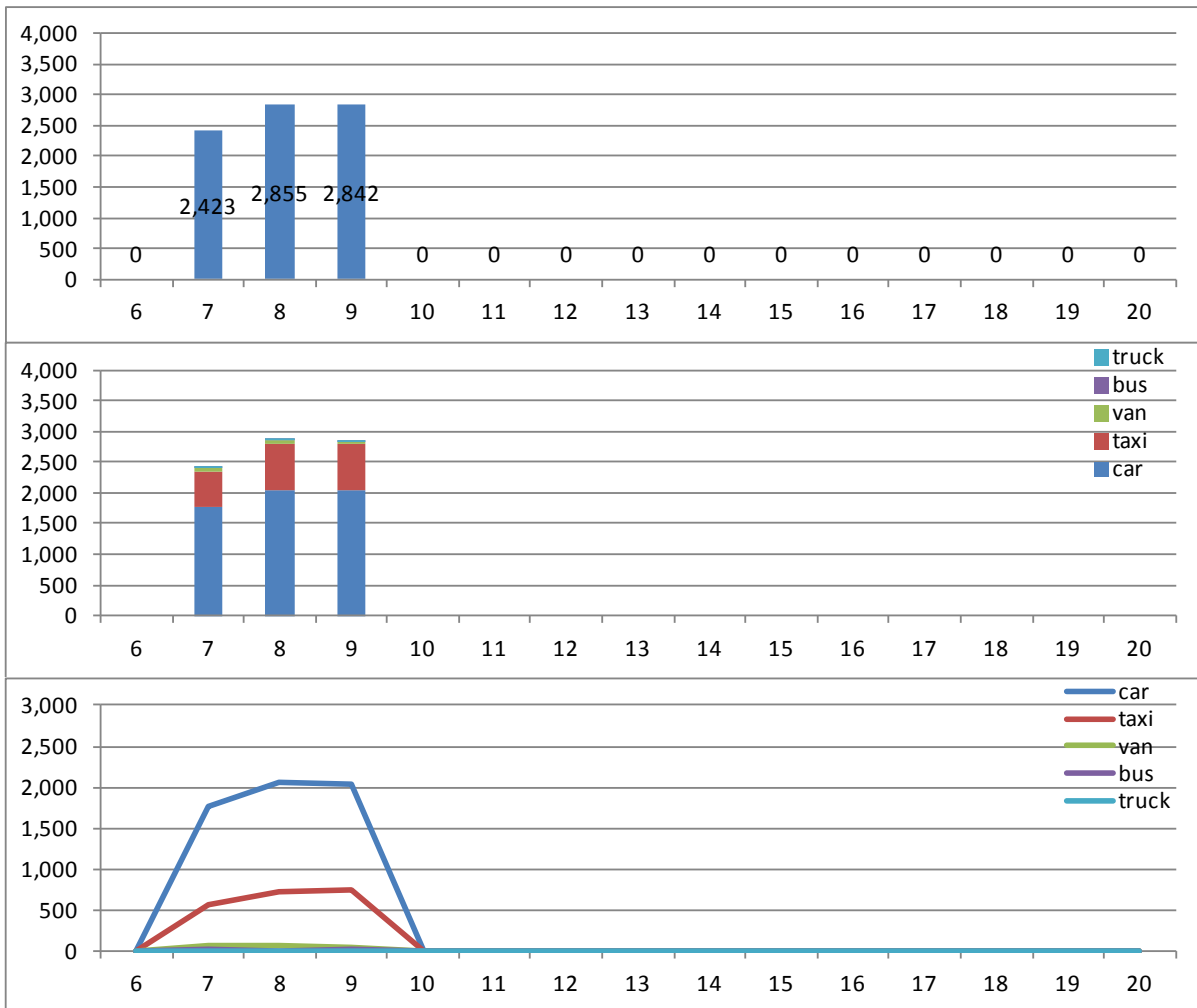


Flow 6.2



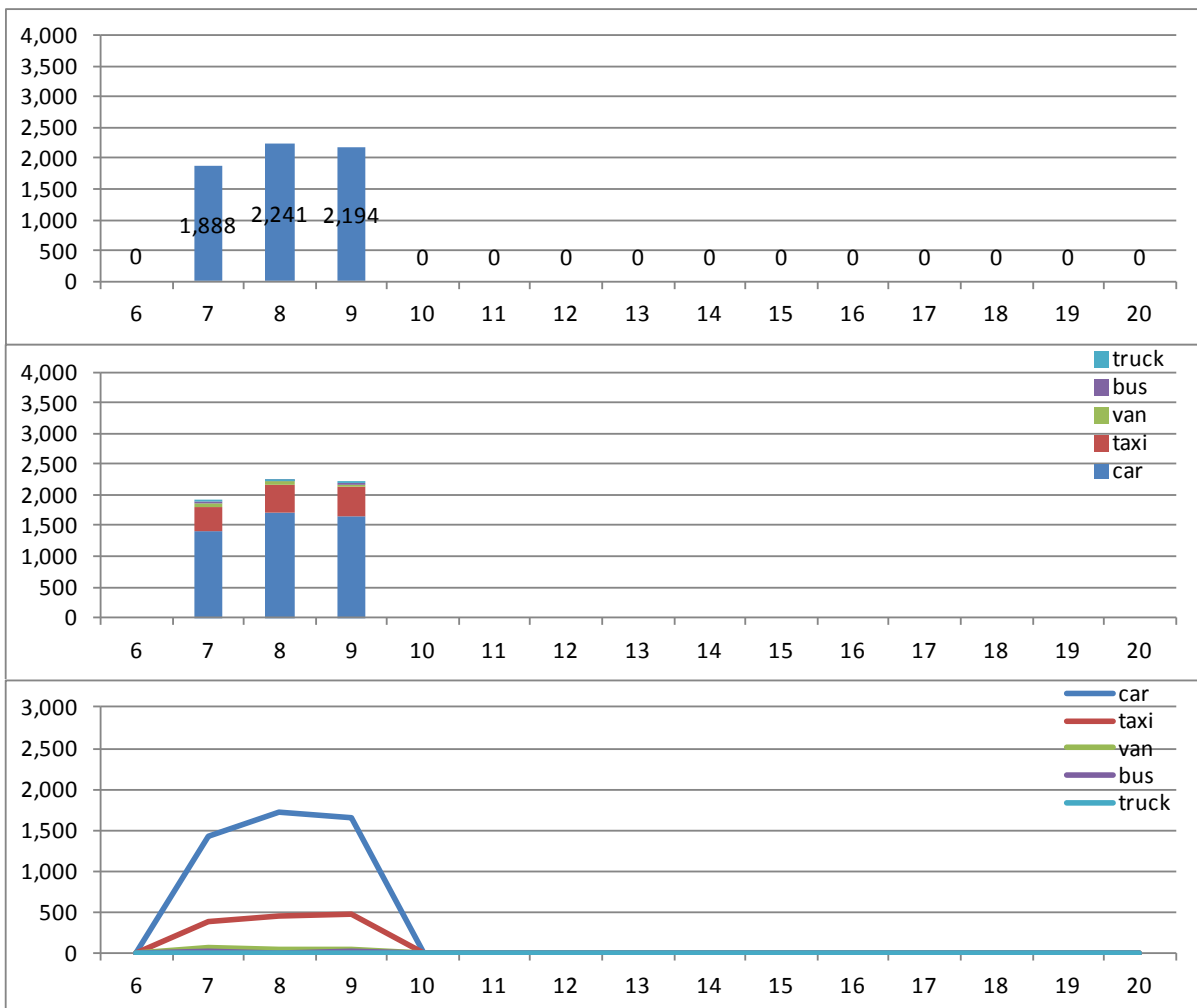


Flow 6.3





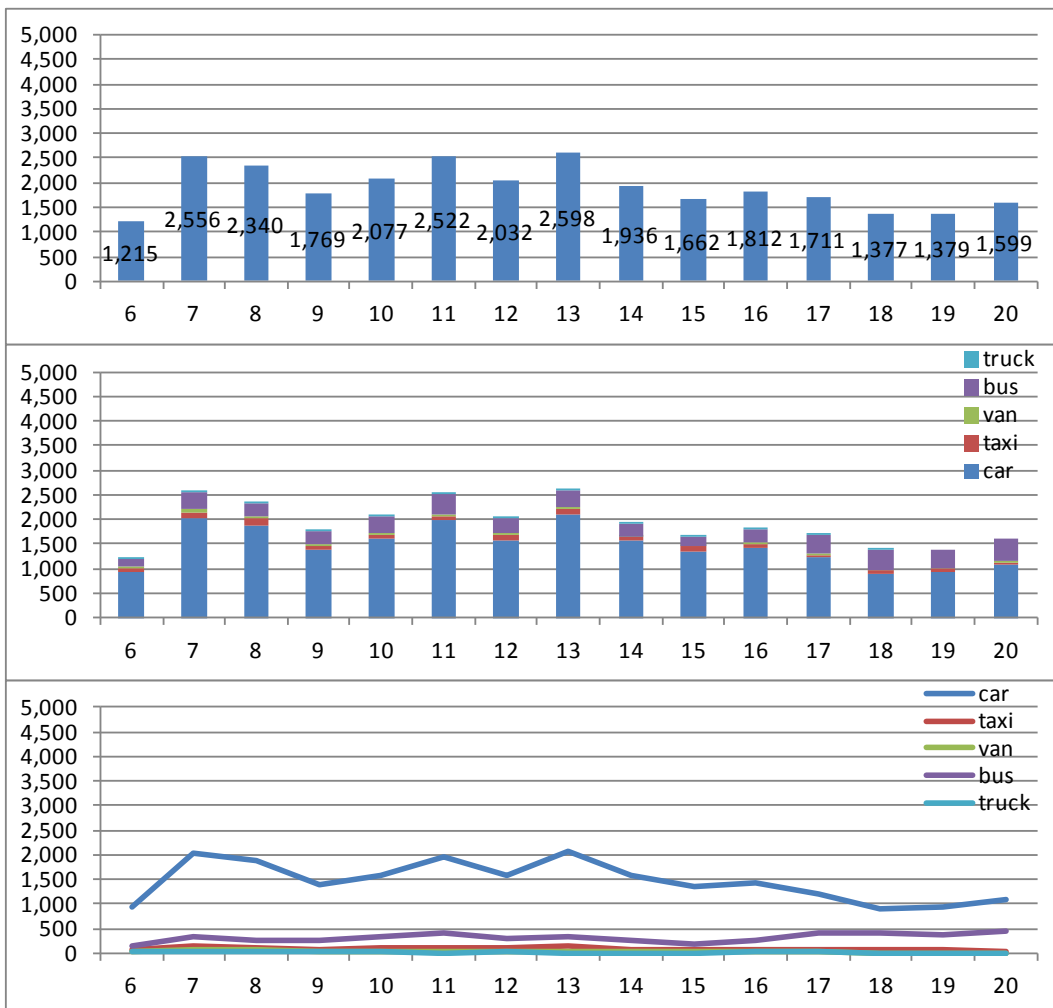
Flow 6.1_2



vii) Av. Presidente Vargas – Av. Francisco Bicalho (North, South, East, West)

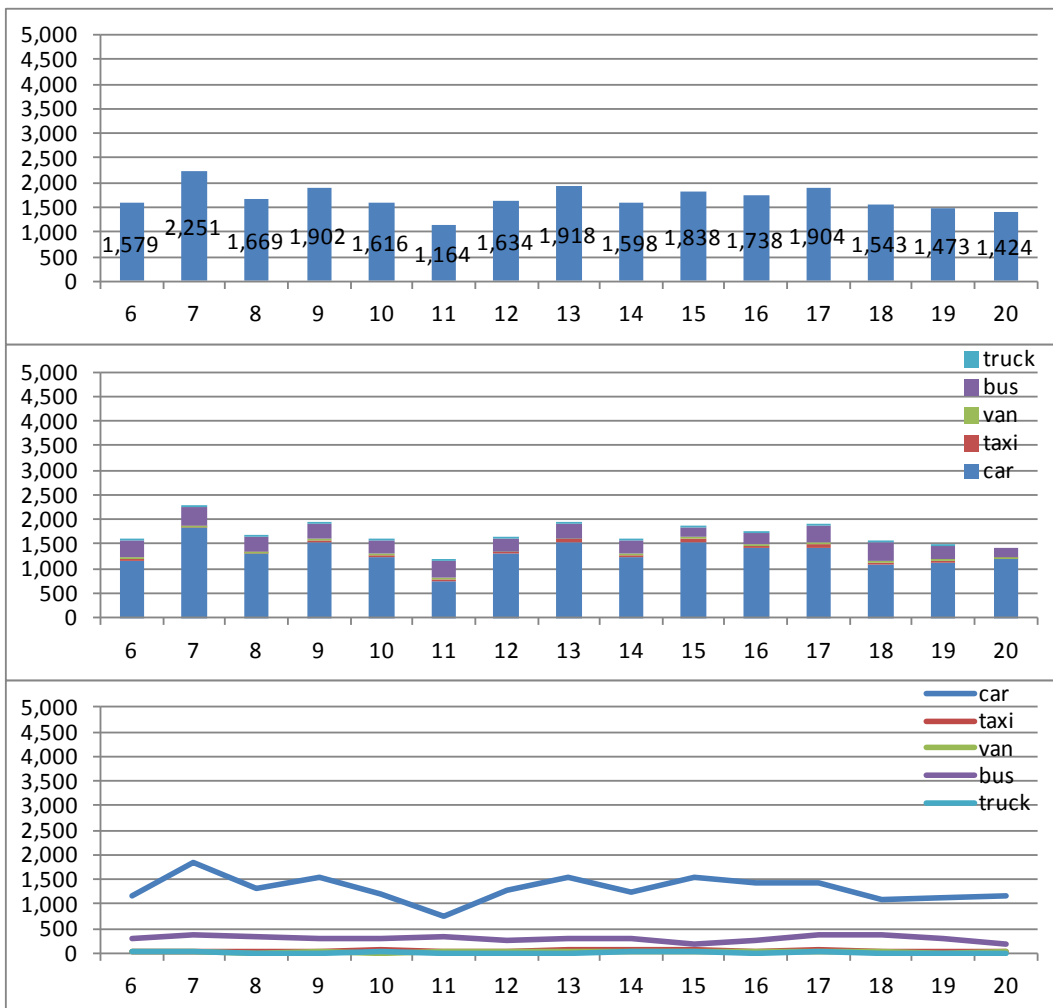


Flow 7.1



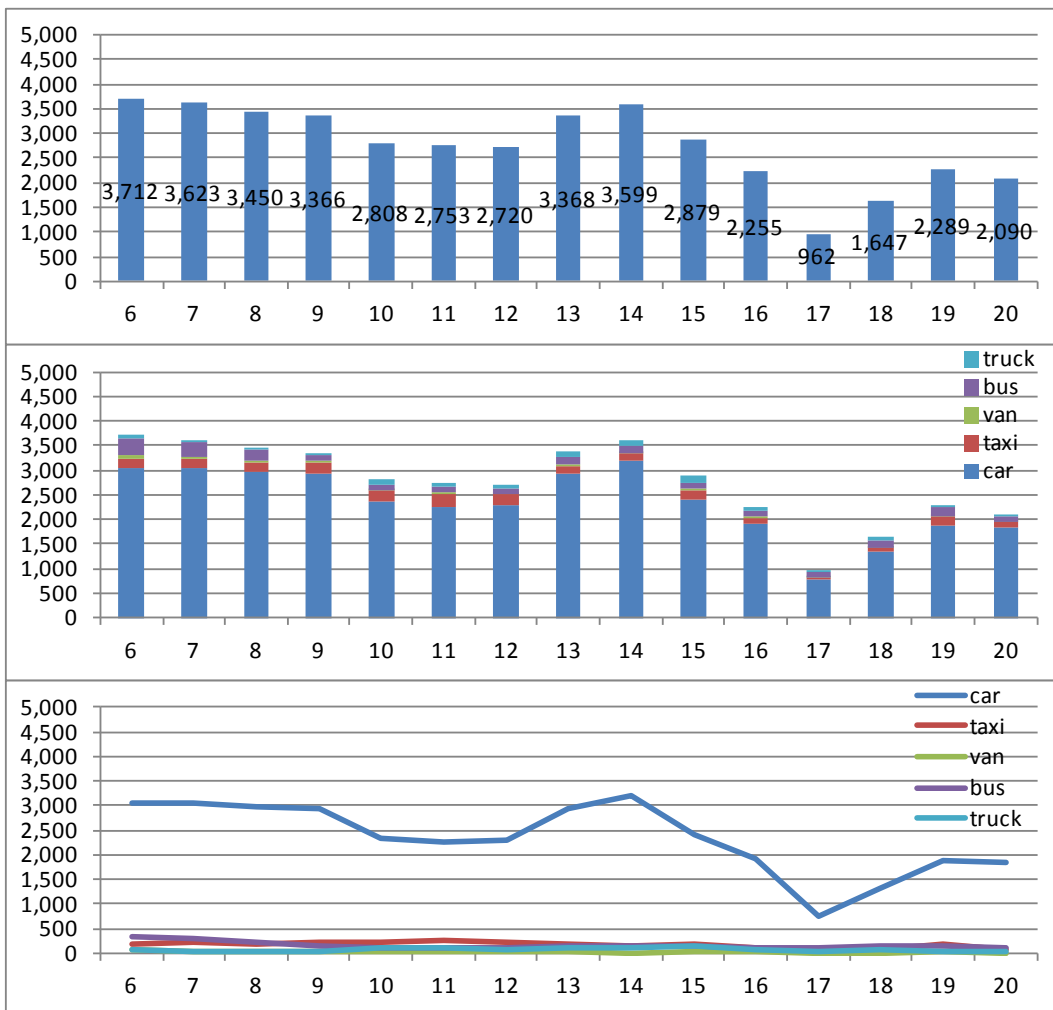


Flow 7.2



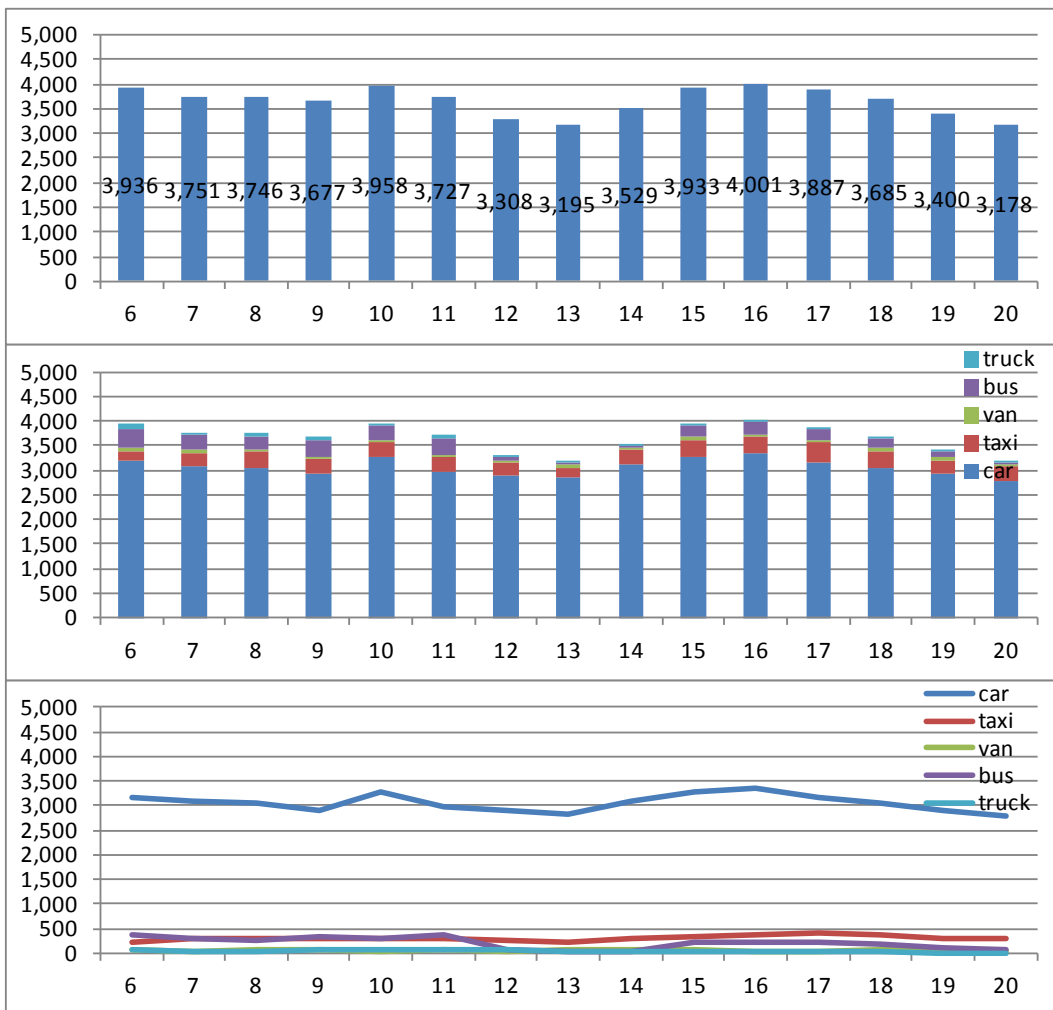


Flow 7.3



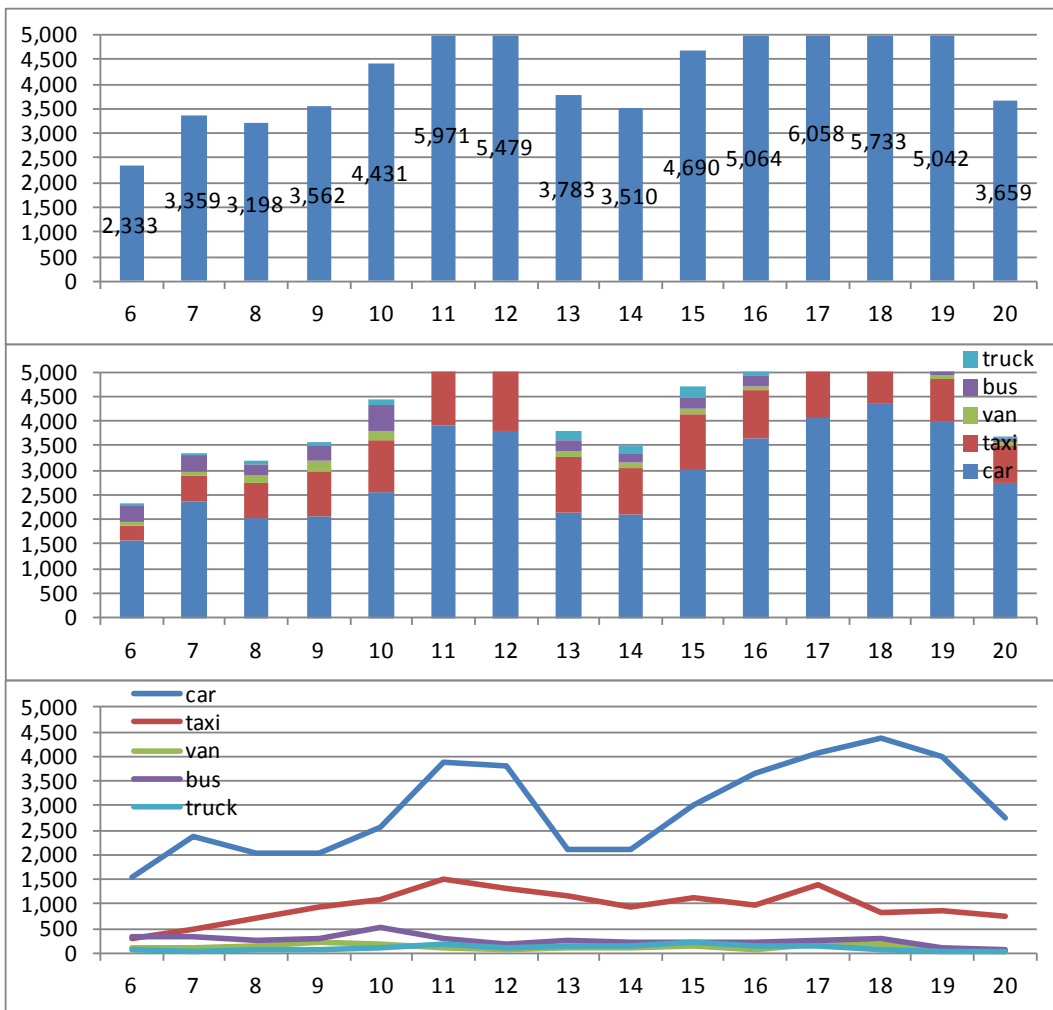


Flow 7.4



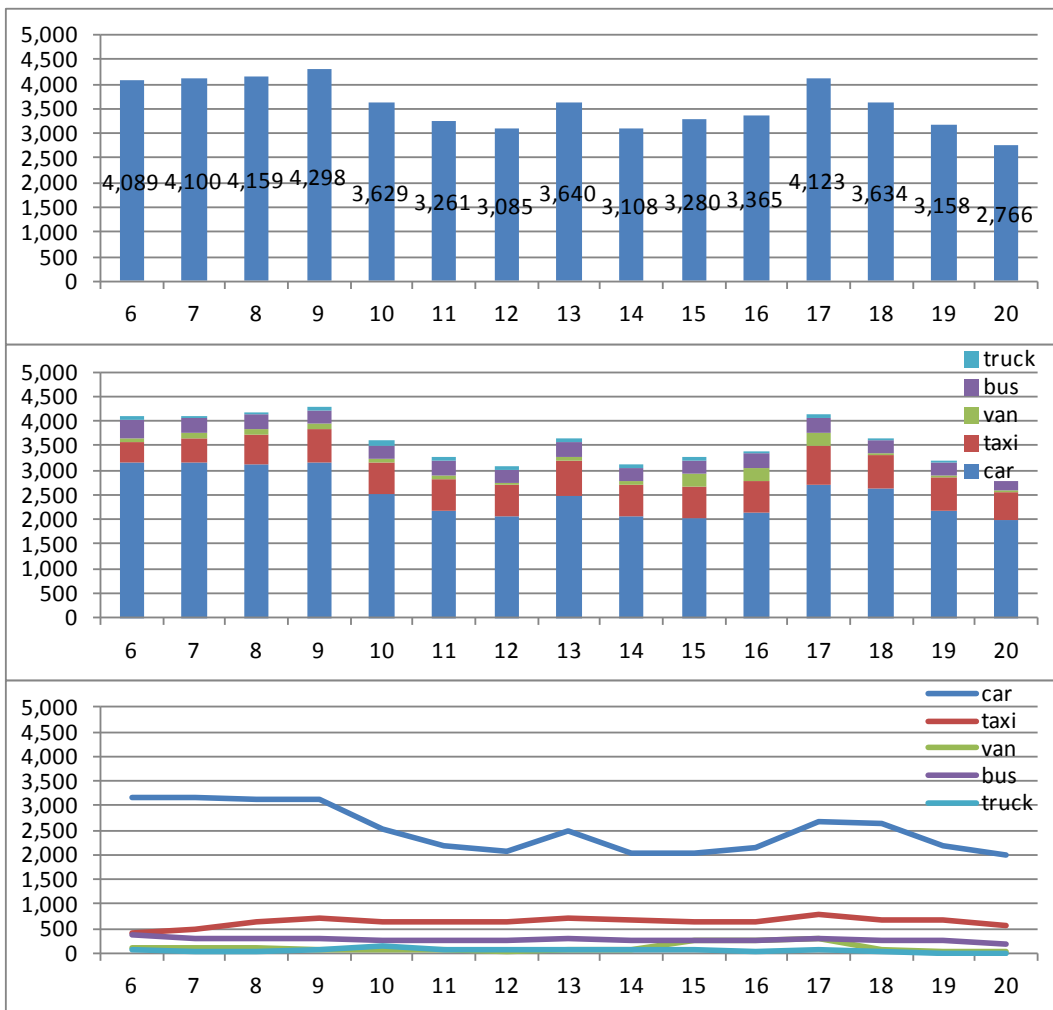


Flow 7.5



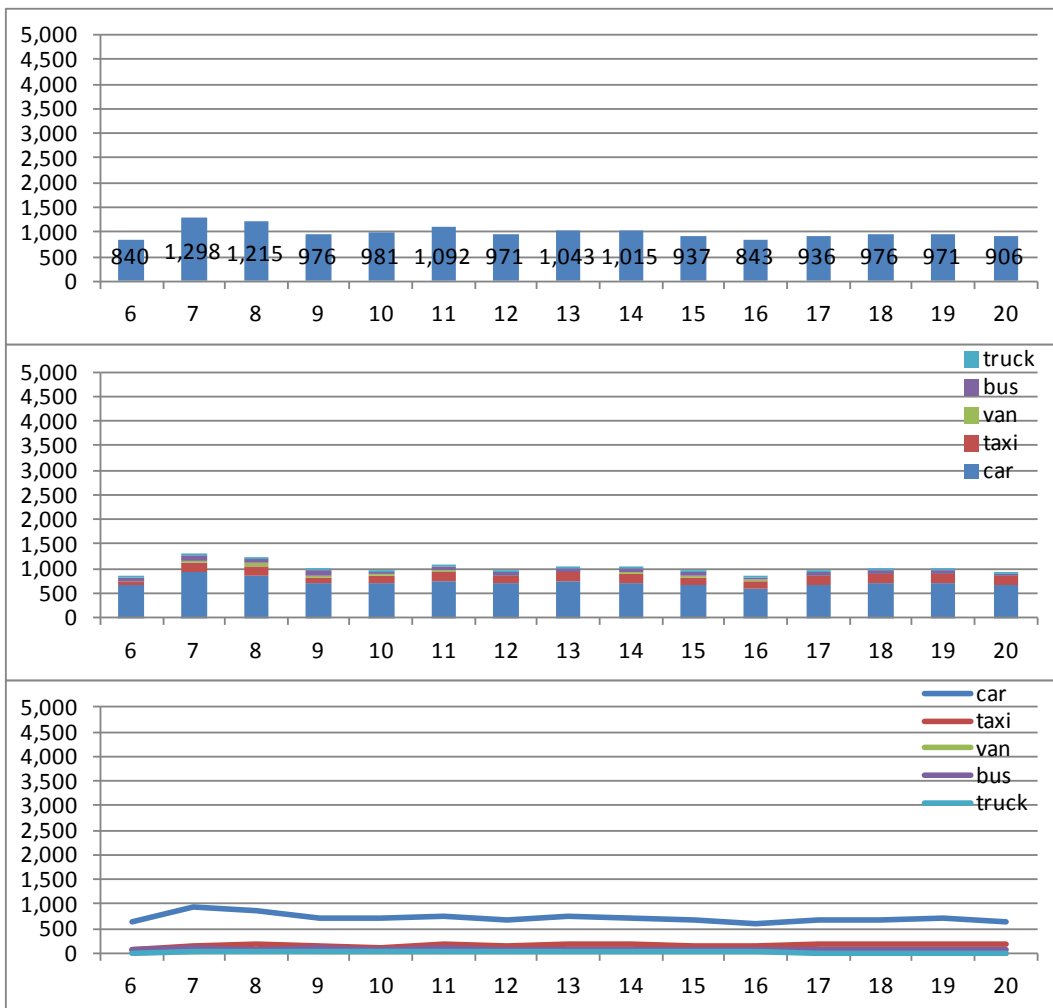


Flow 7.6



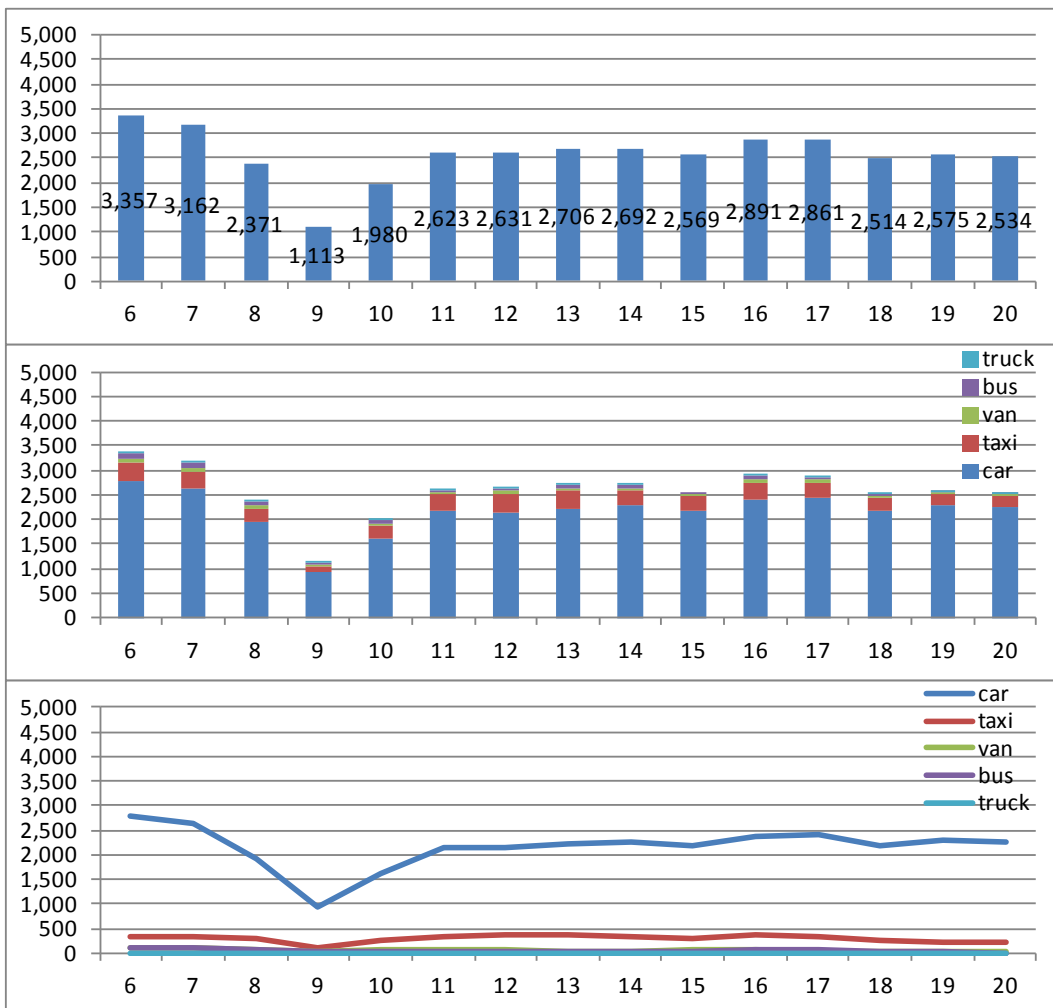


Flow 7.7



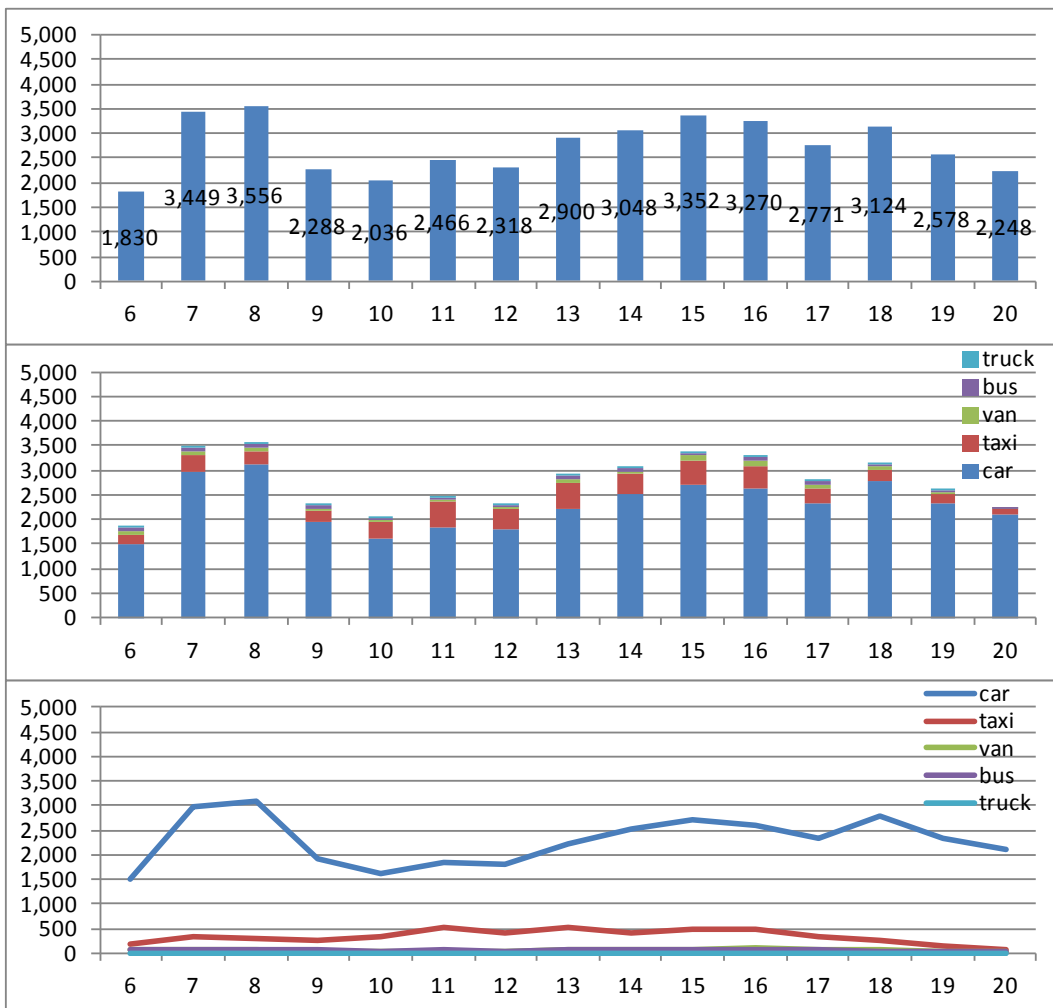


Flow 7.8



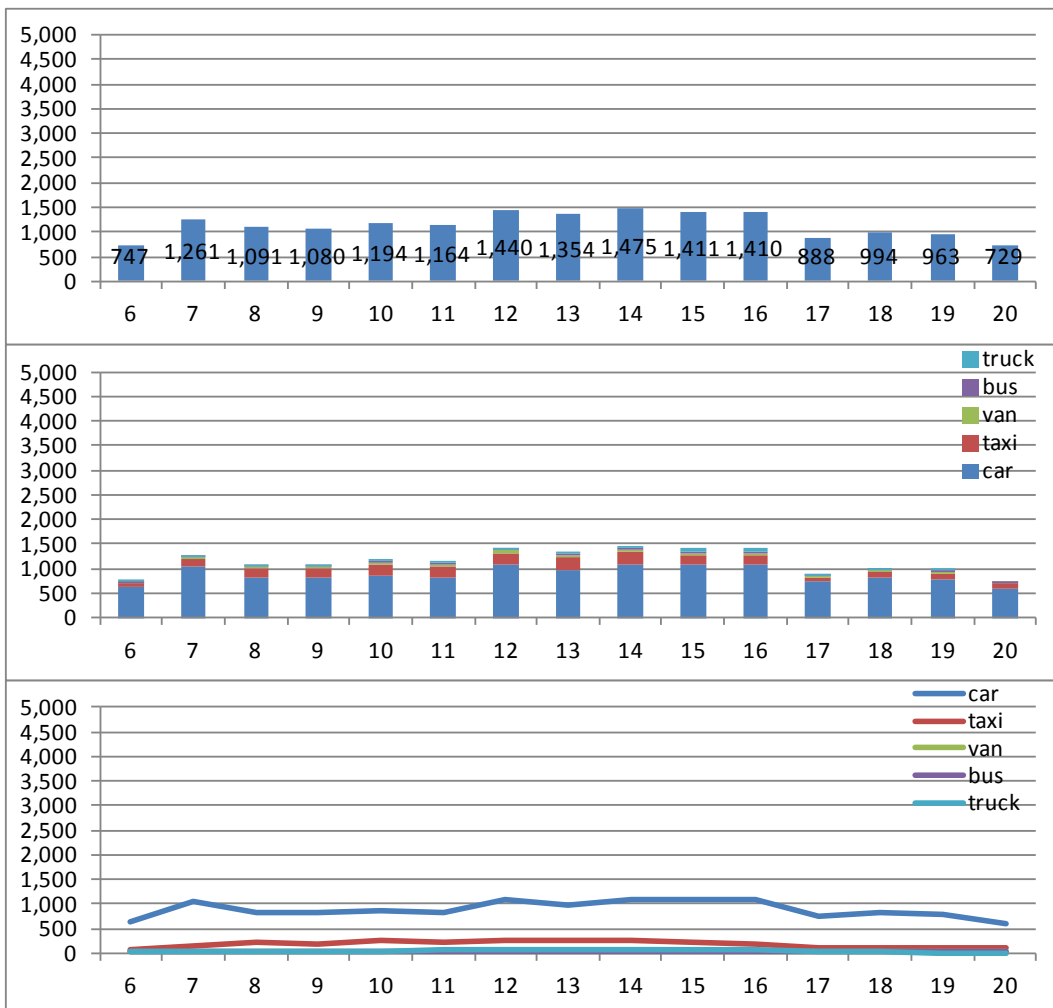


Flow 7.9



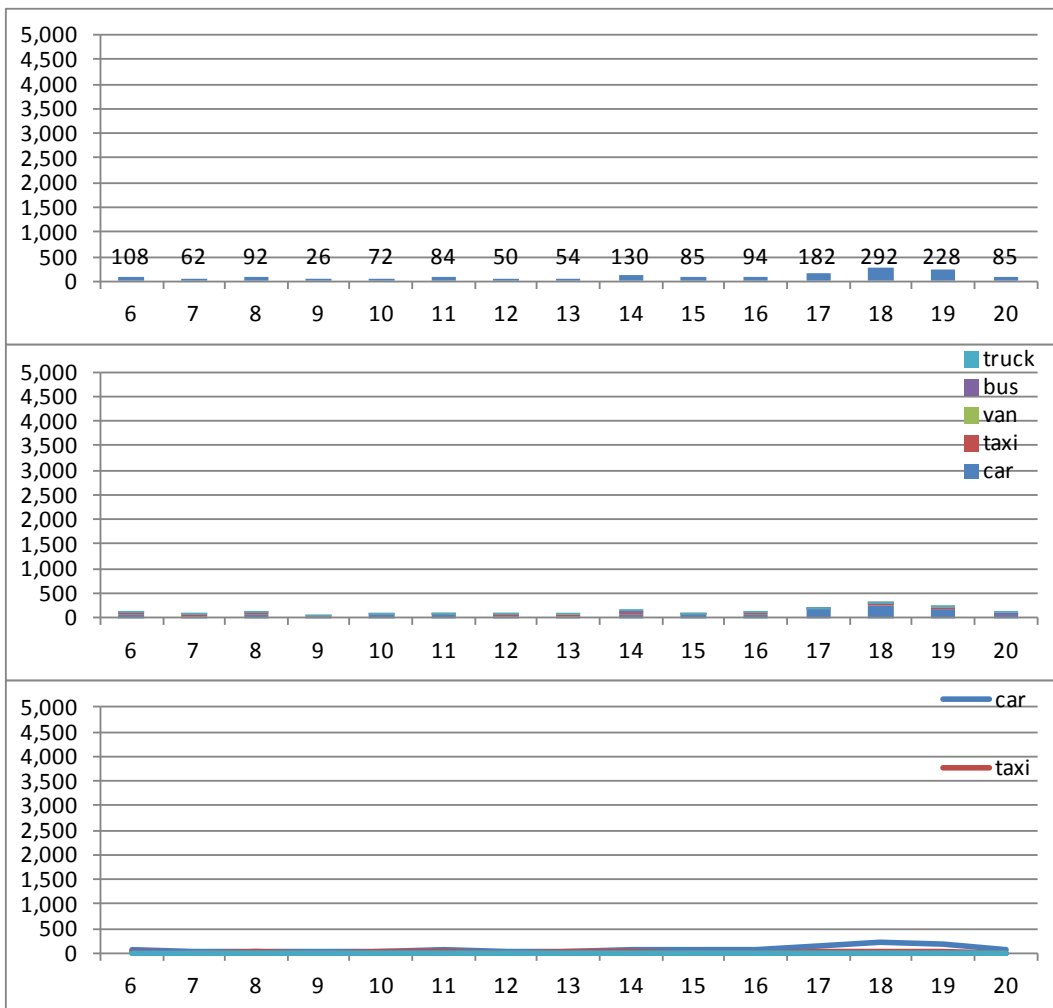


Flow 7.10



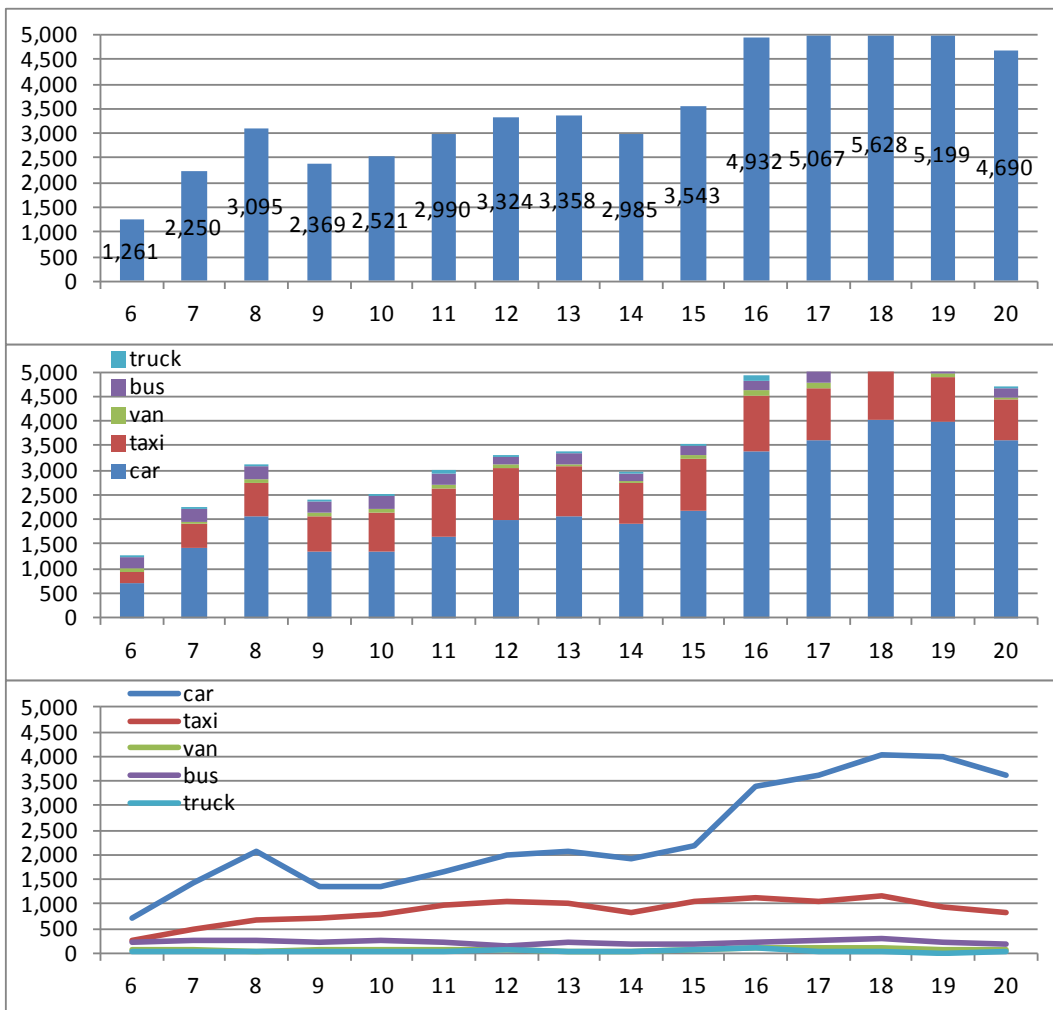


Flow 7.11



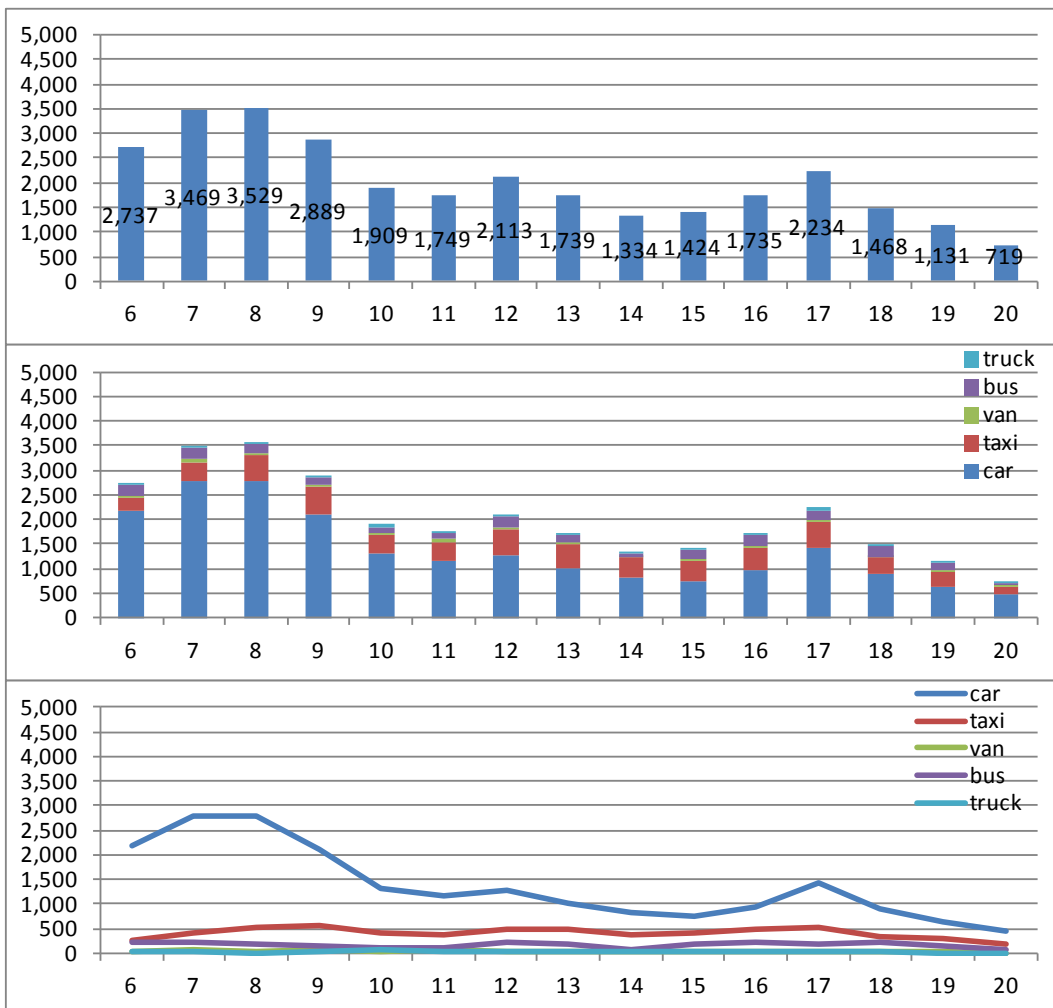


Flow 7.12



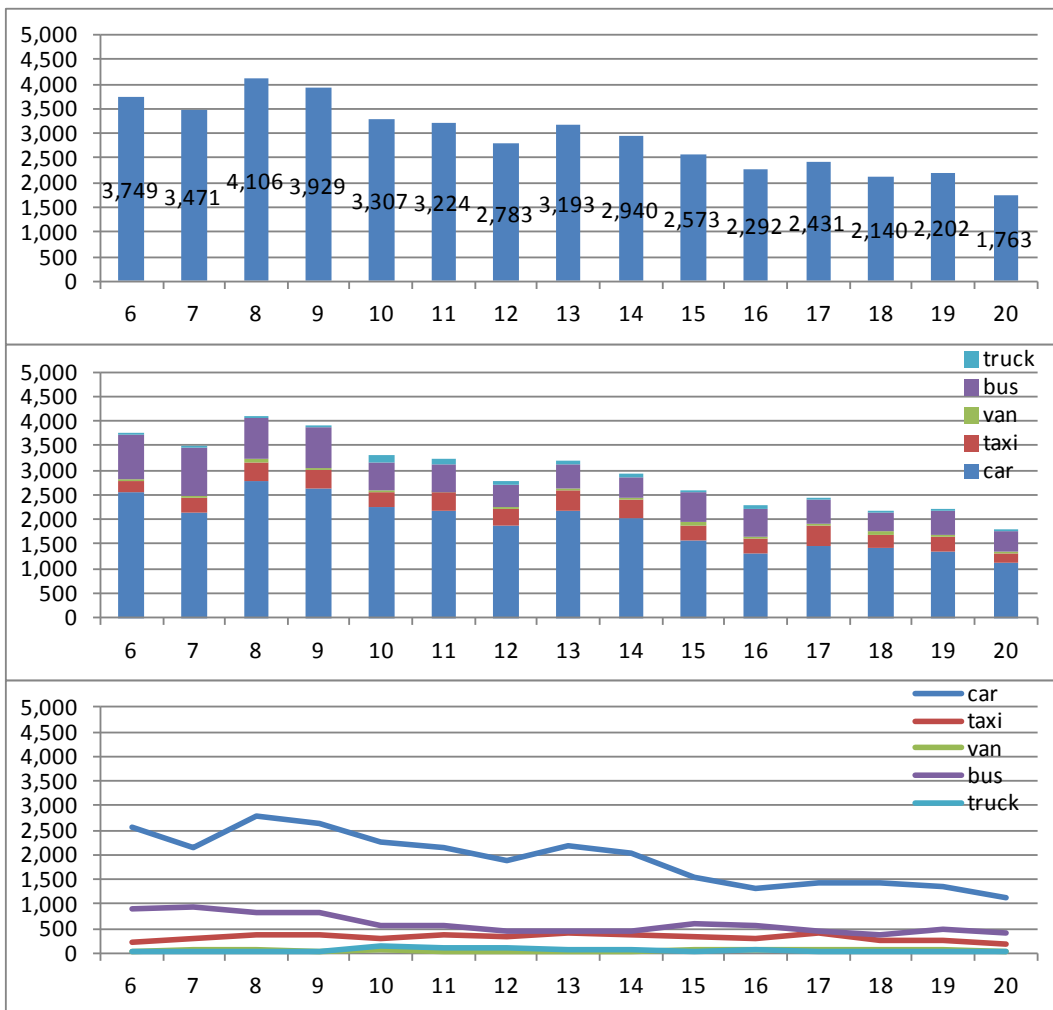


Flow 7.13



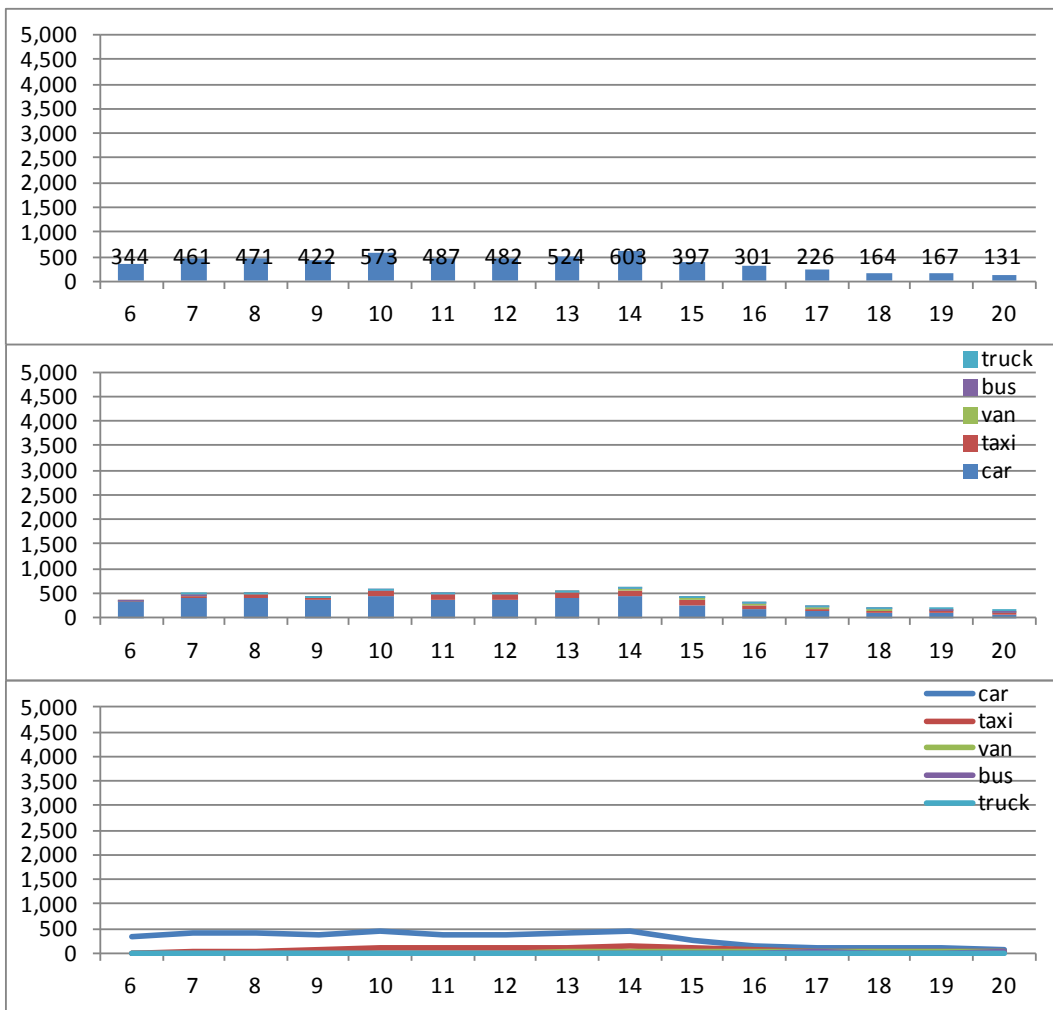


Flow 7.14



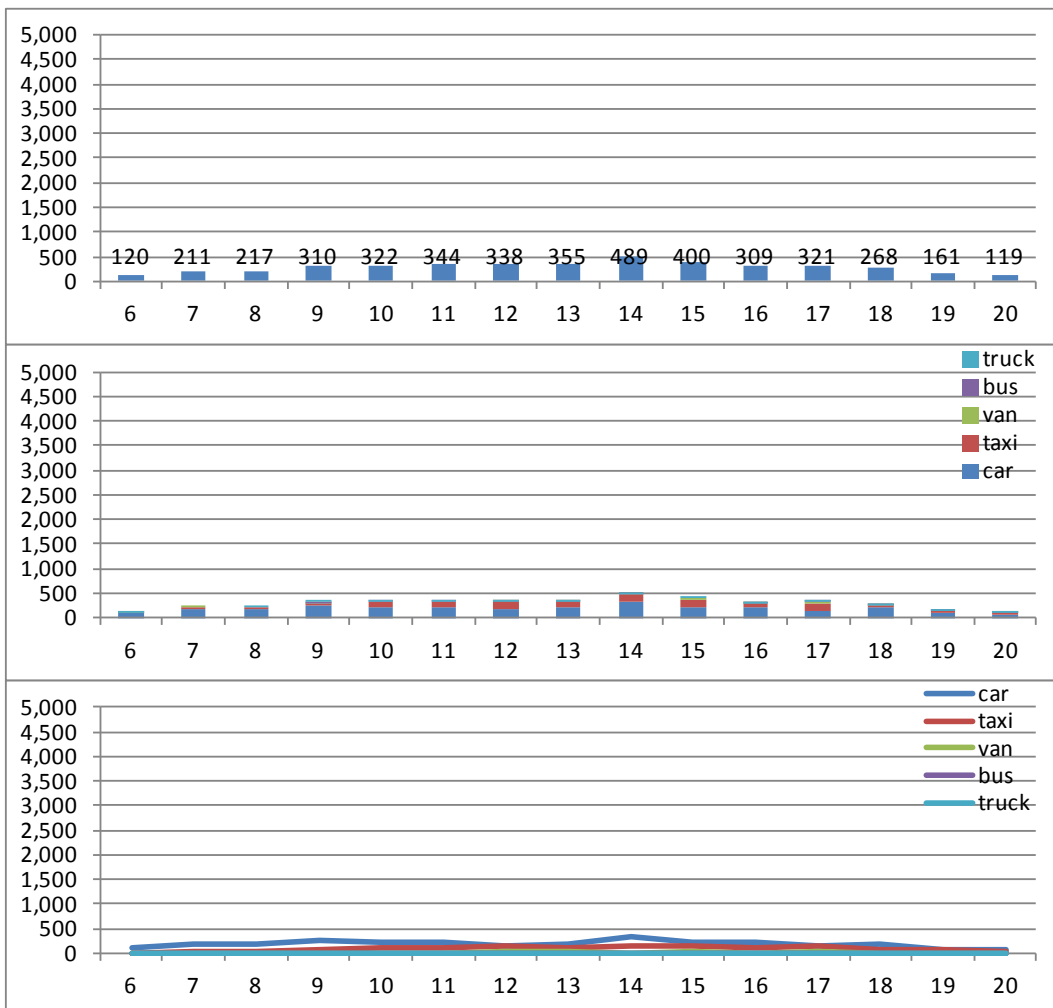


Flow 7.15





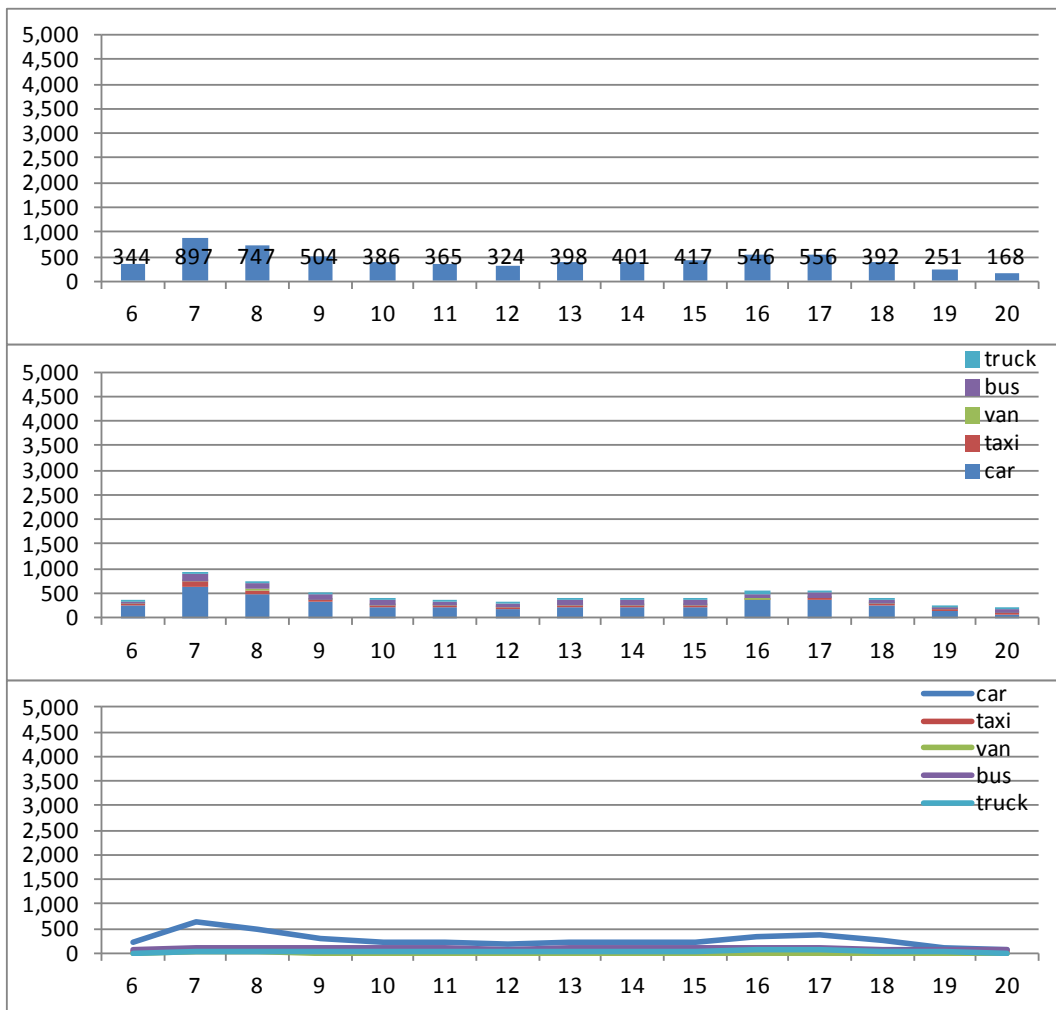
Flow 7.16



viii) Est. do Galeao – Linha Vermelha (North, South, East)

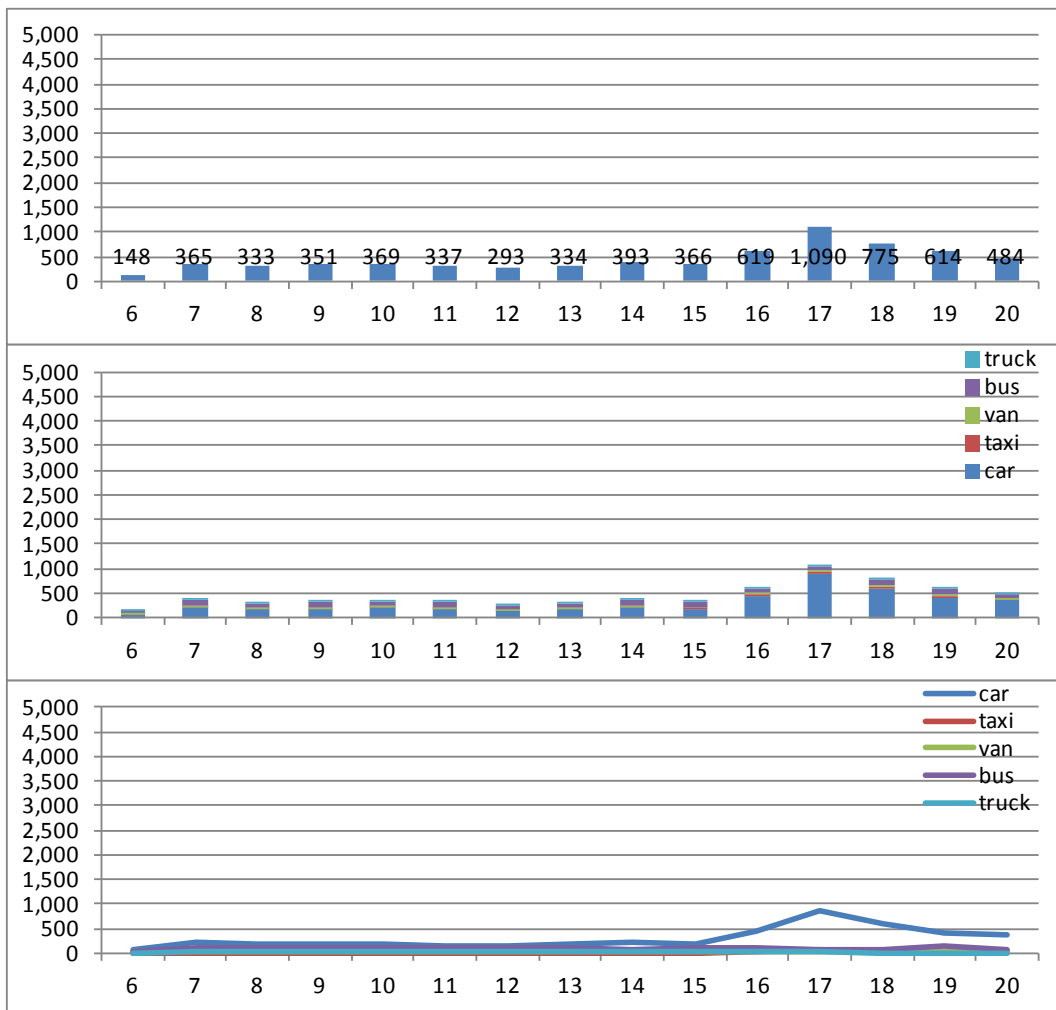


Flow 8.1



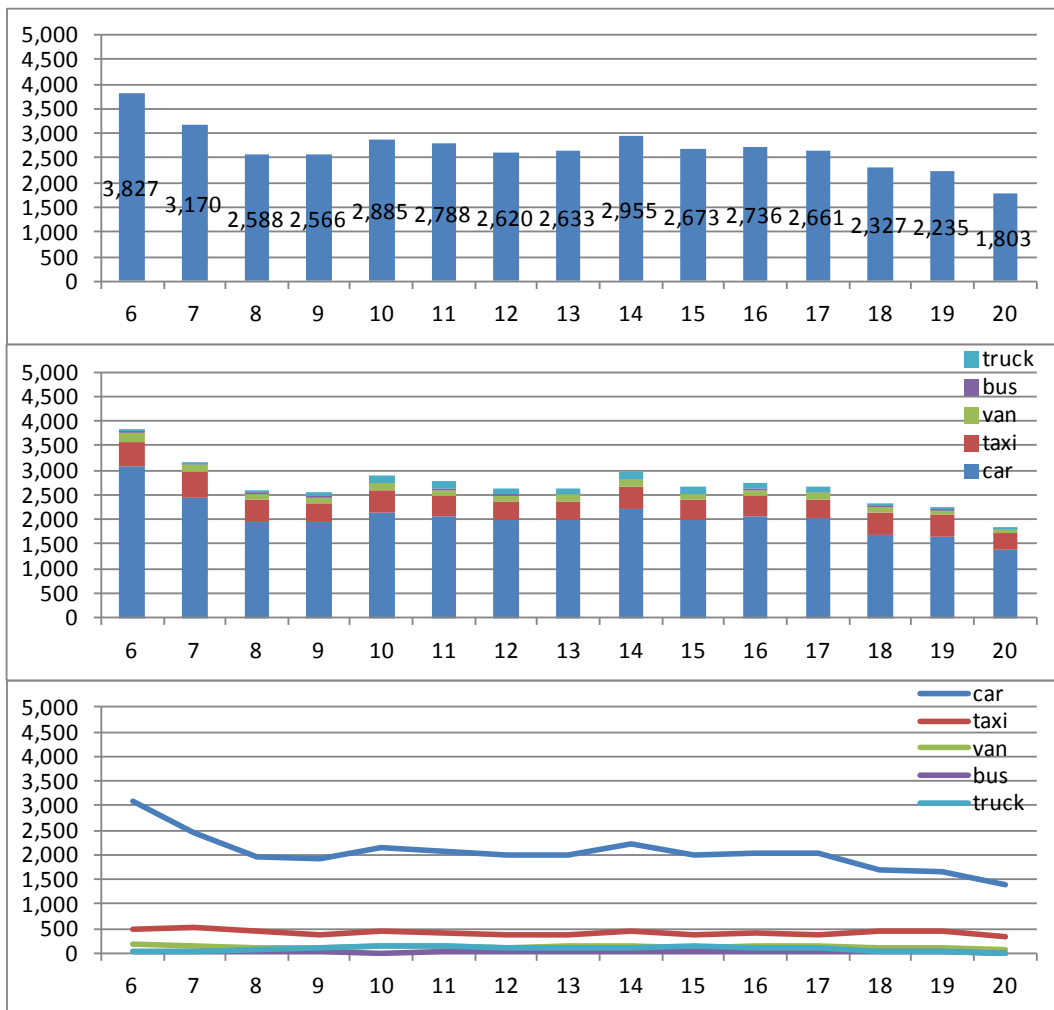


Flow 8.2



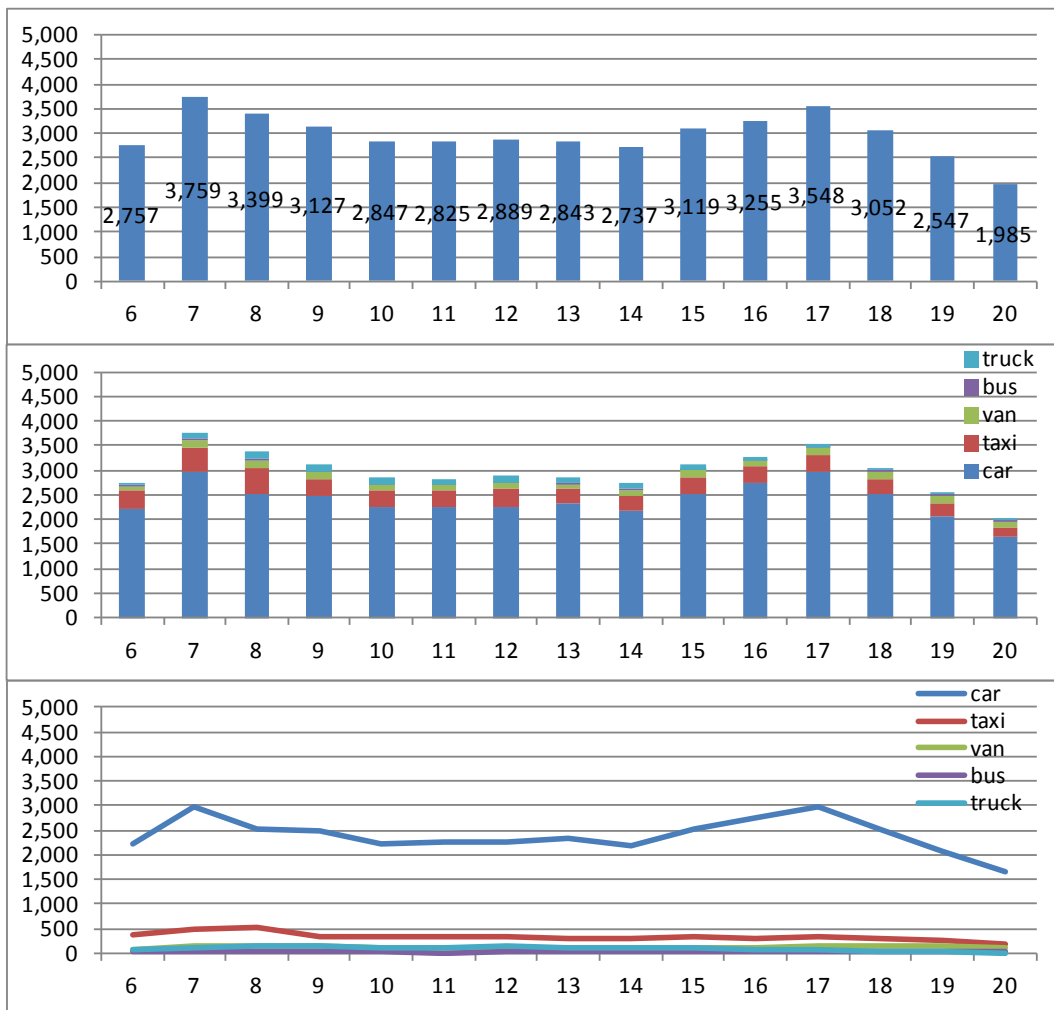


Flow 8.3



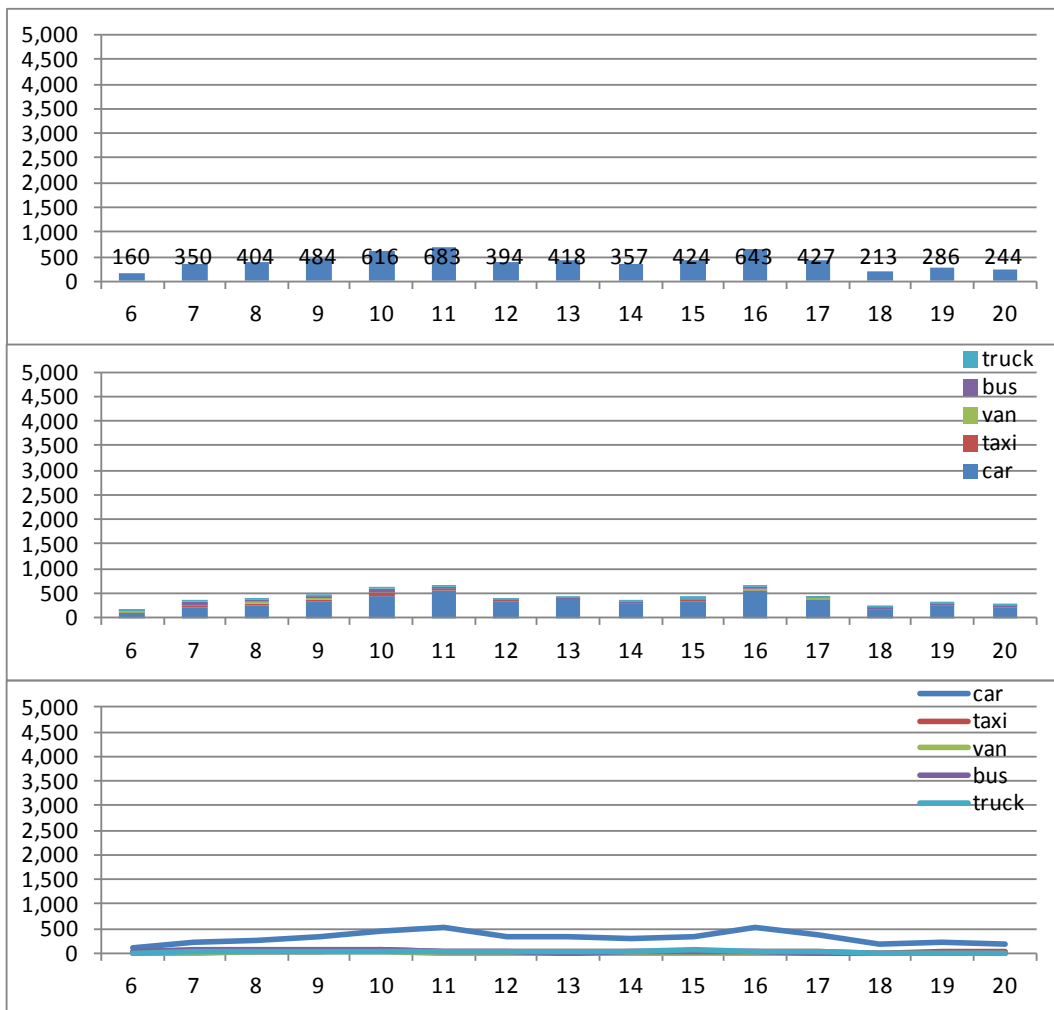


Flow 8.4



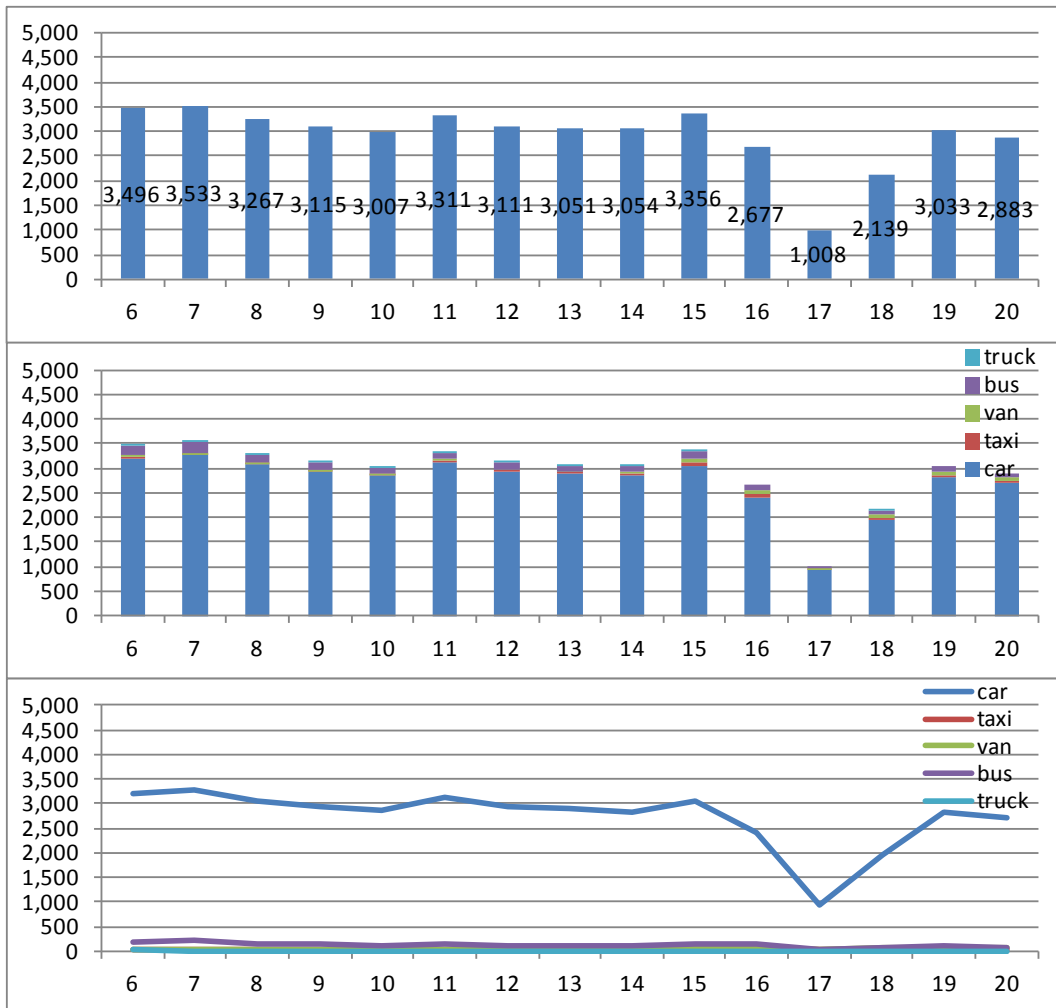


Flow 8.5





Flow 8.6





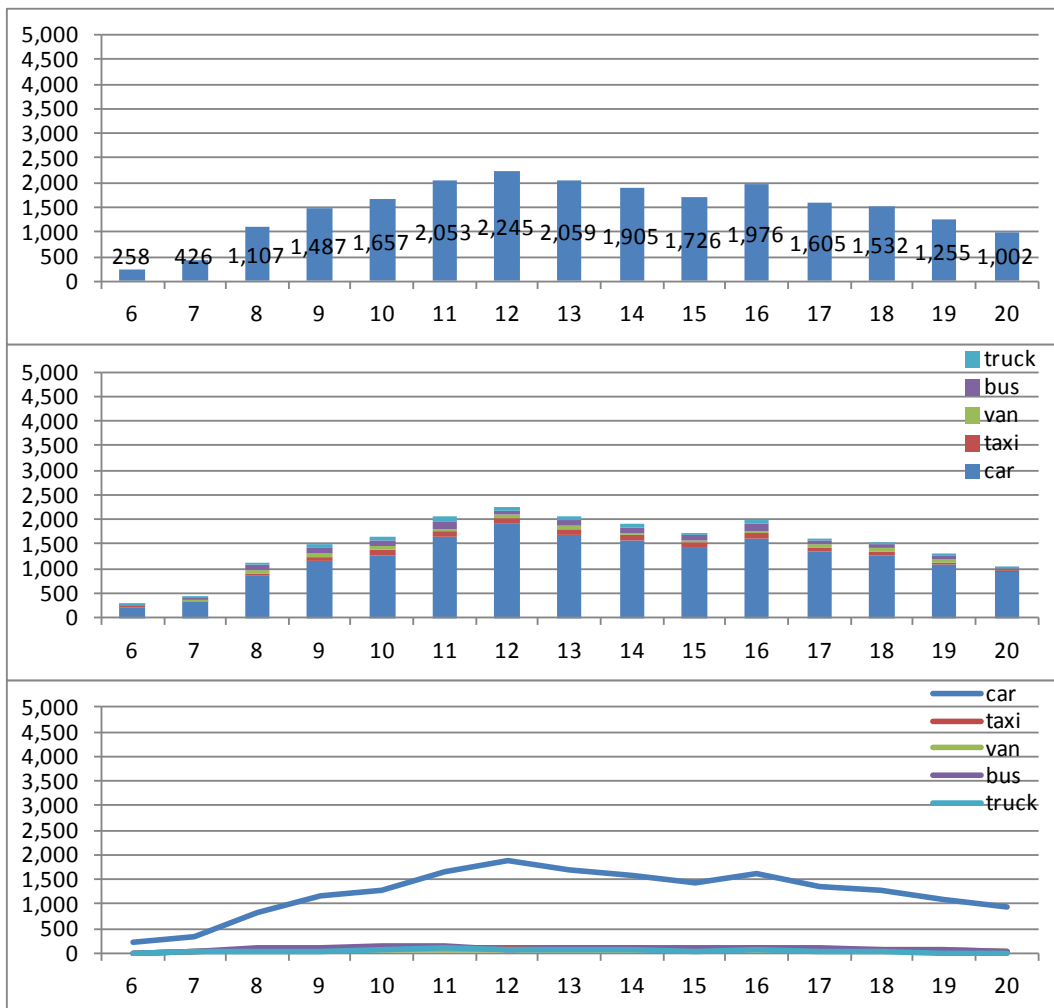
Flow 8.7



ix) Av. das Americas - Av. Ayrton Senna (North, East, West)

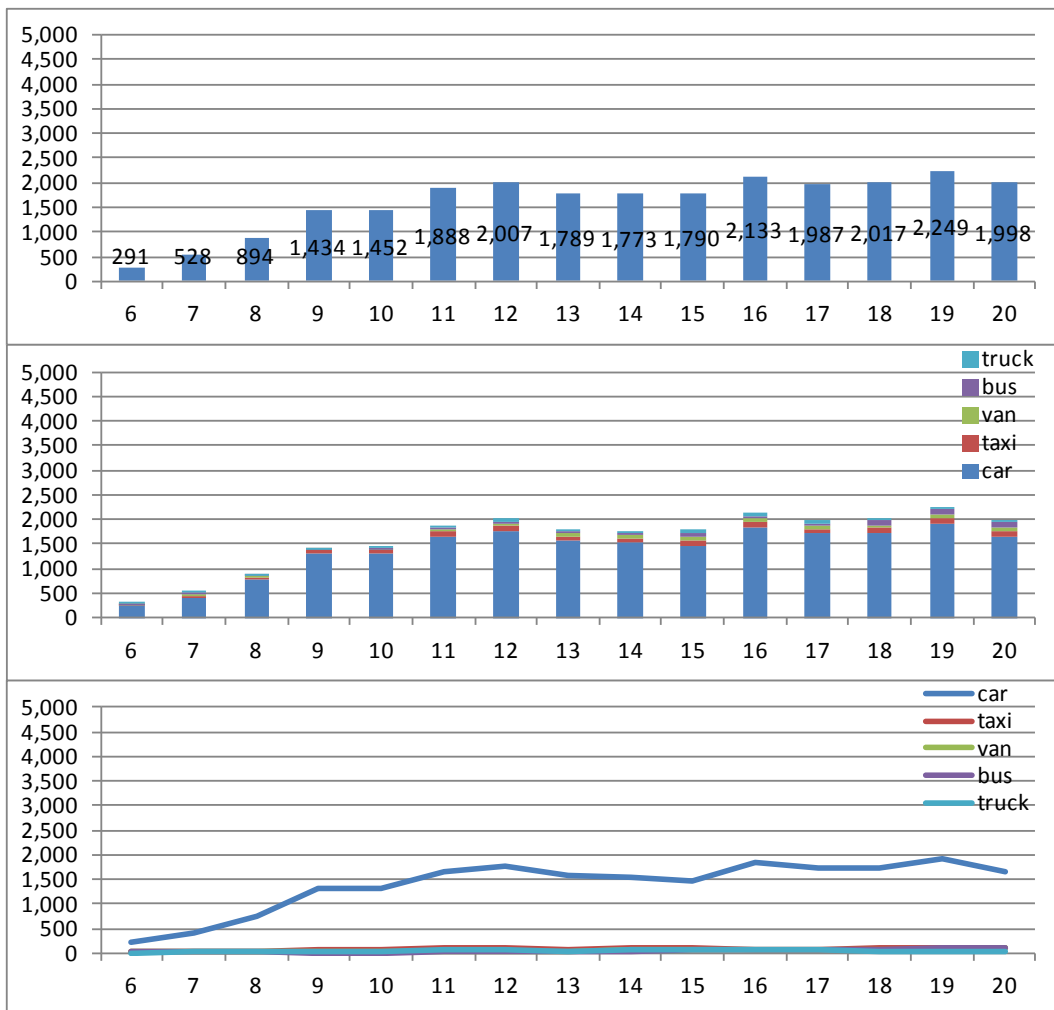


Flow 9.1



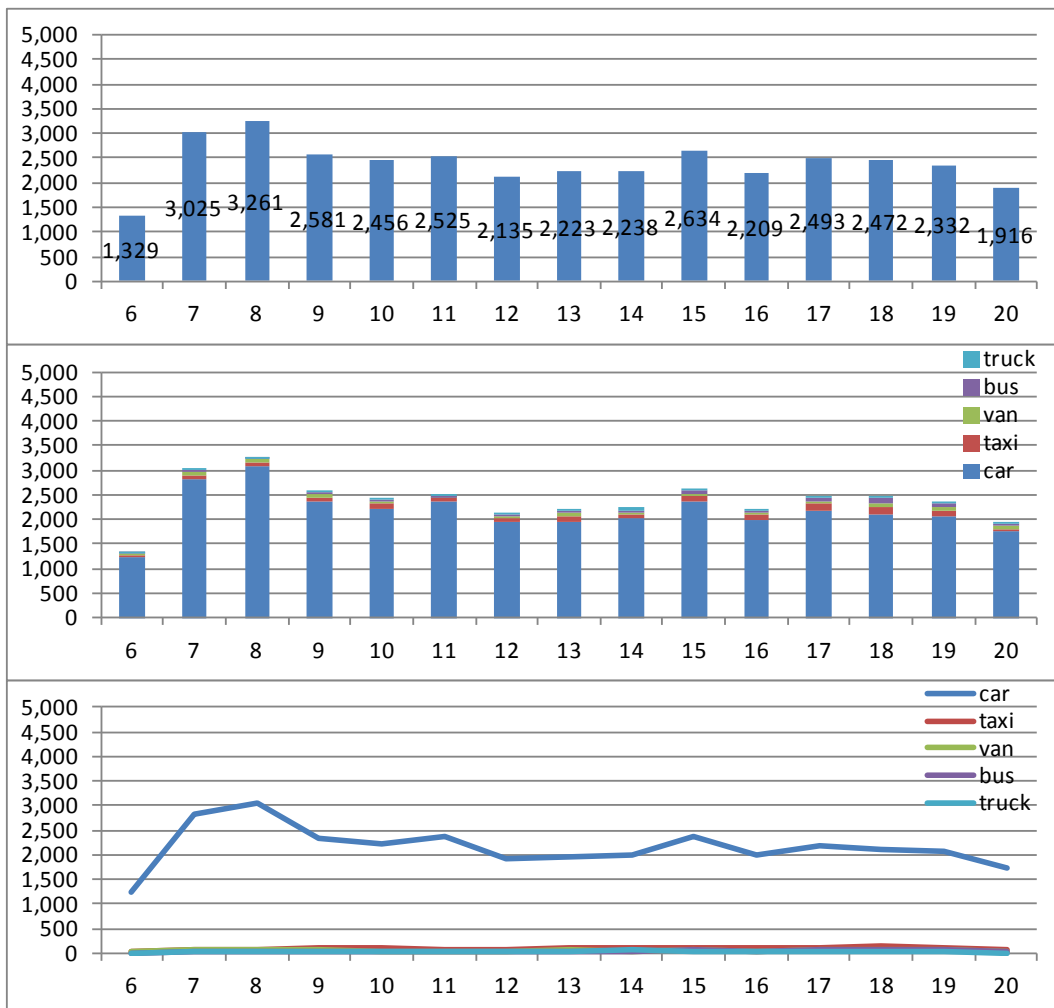


Flow 9.2



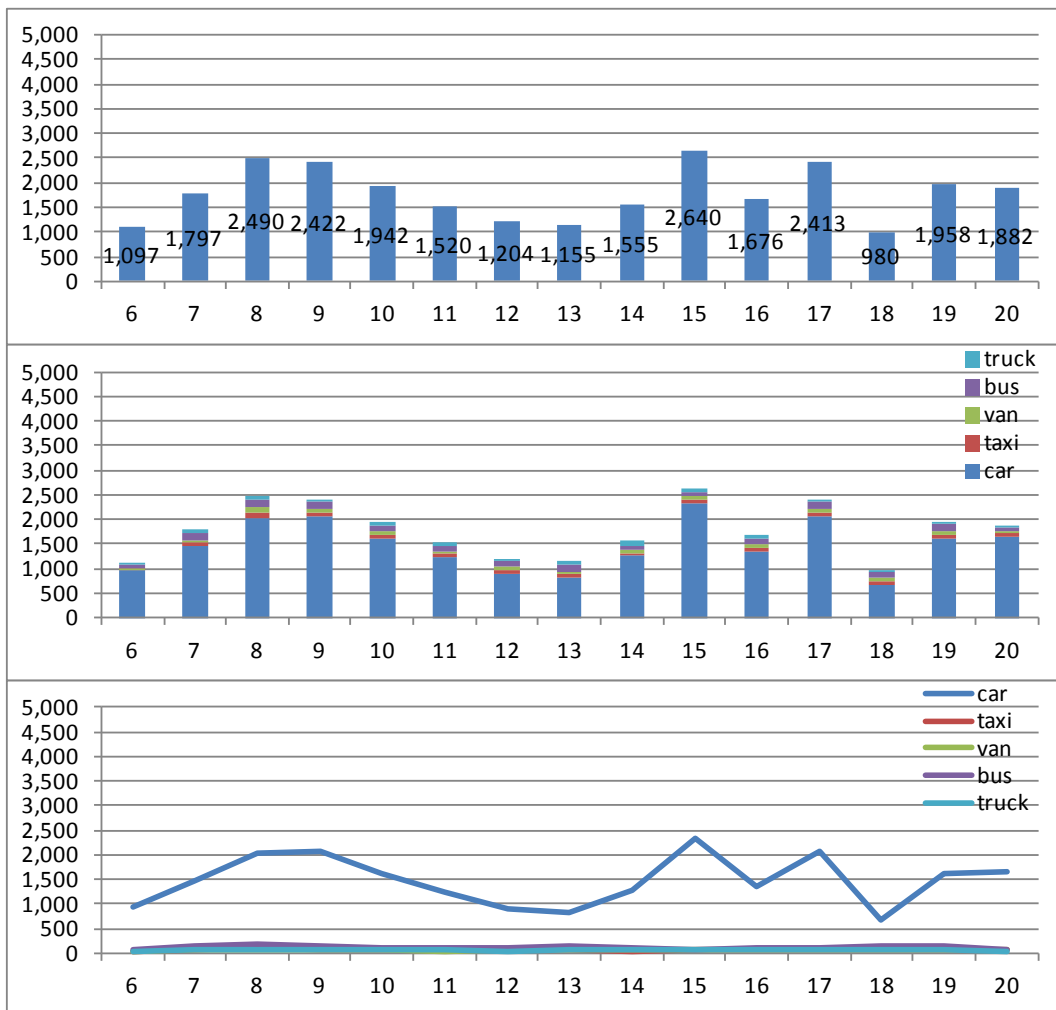


Flow 9.3



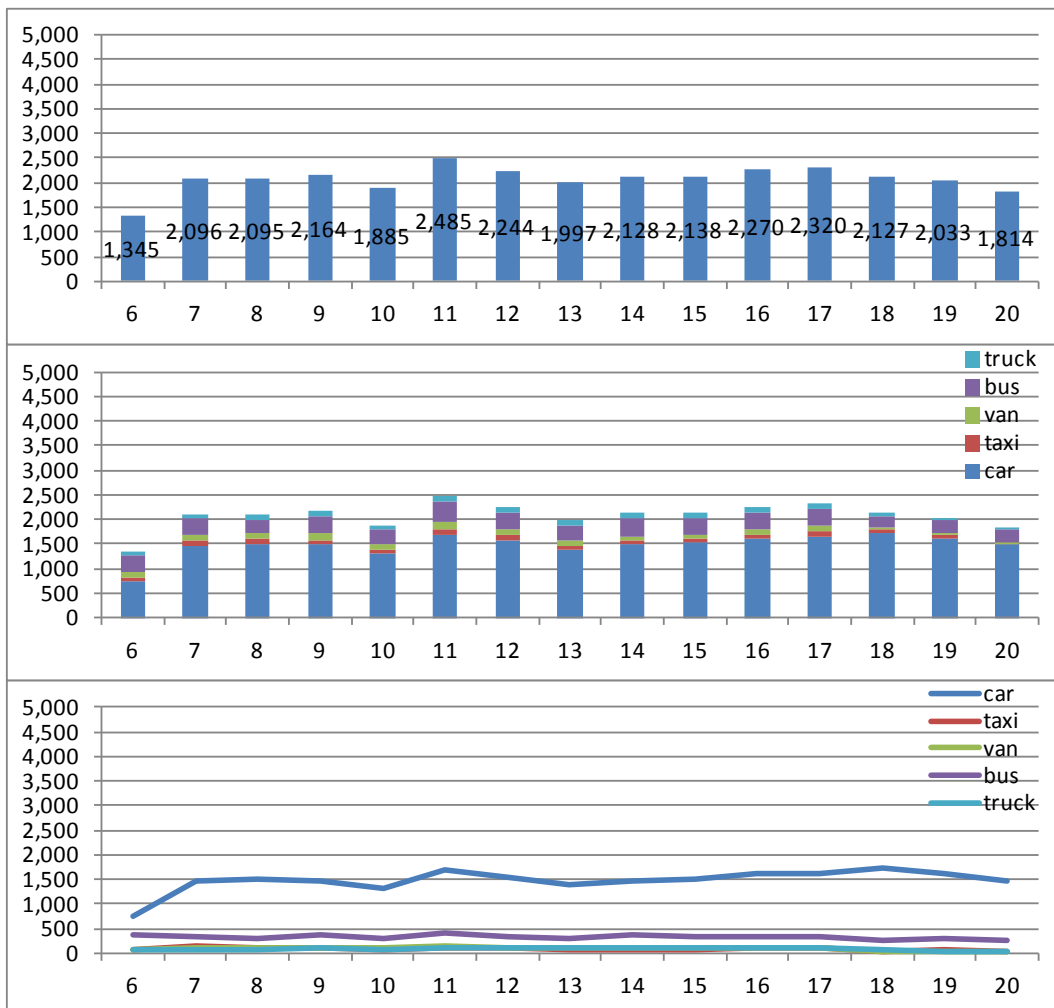


Flow 9.4



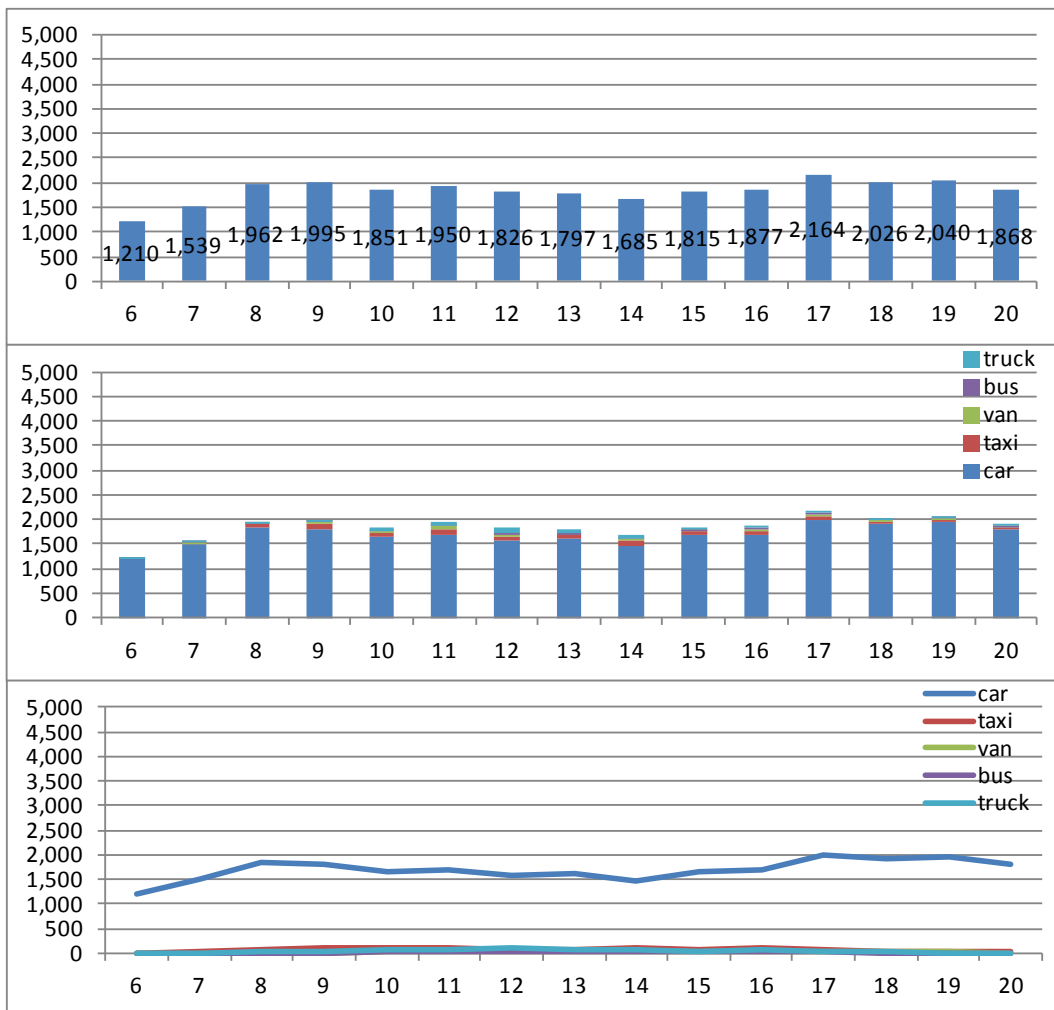


Flow 9.5



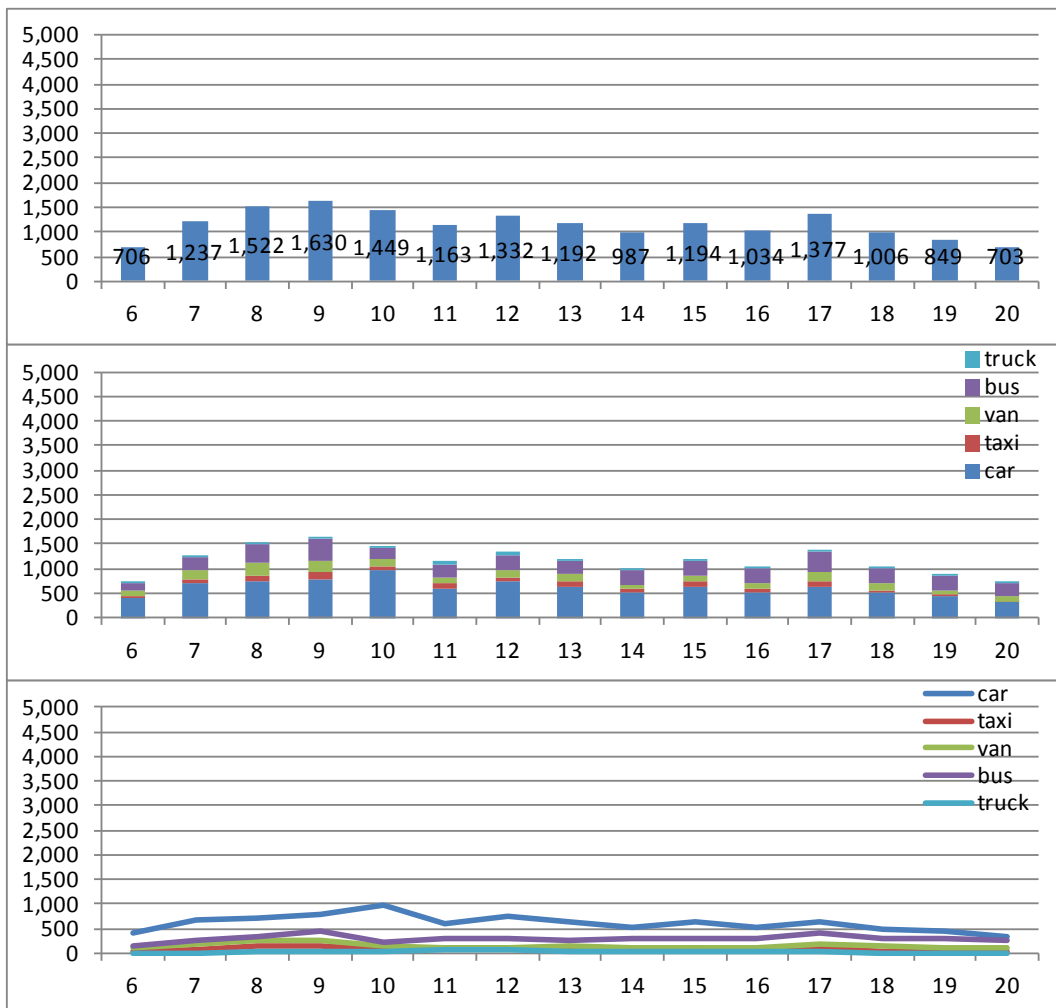


Flow 9.6



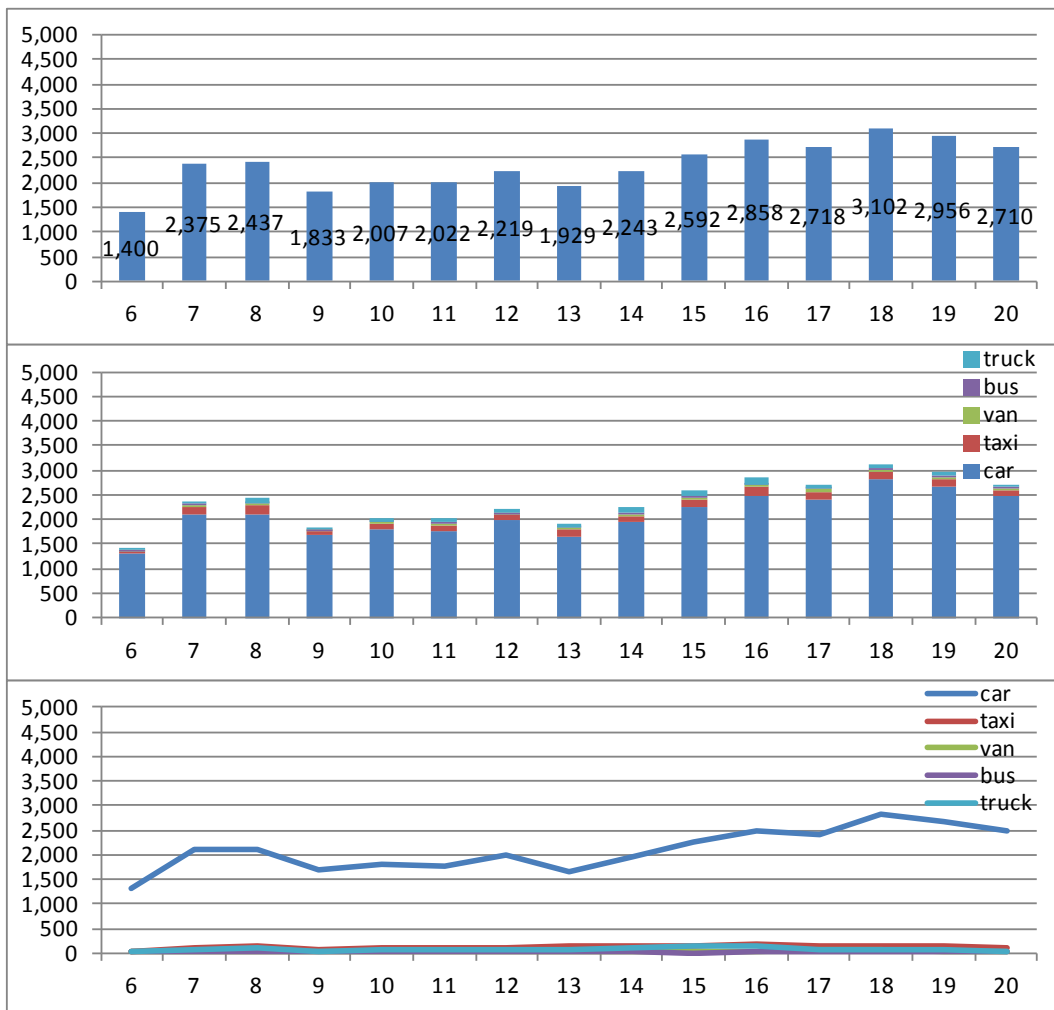


Flow 9.7



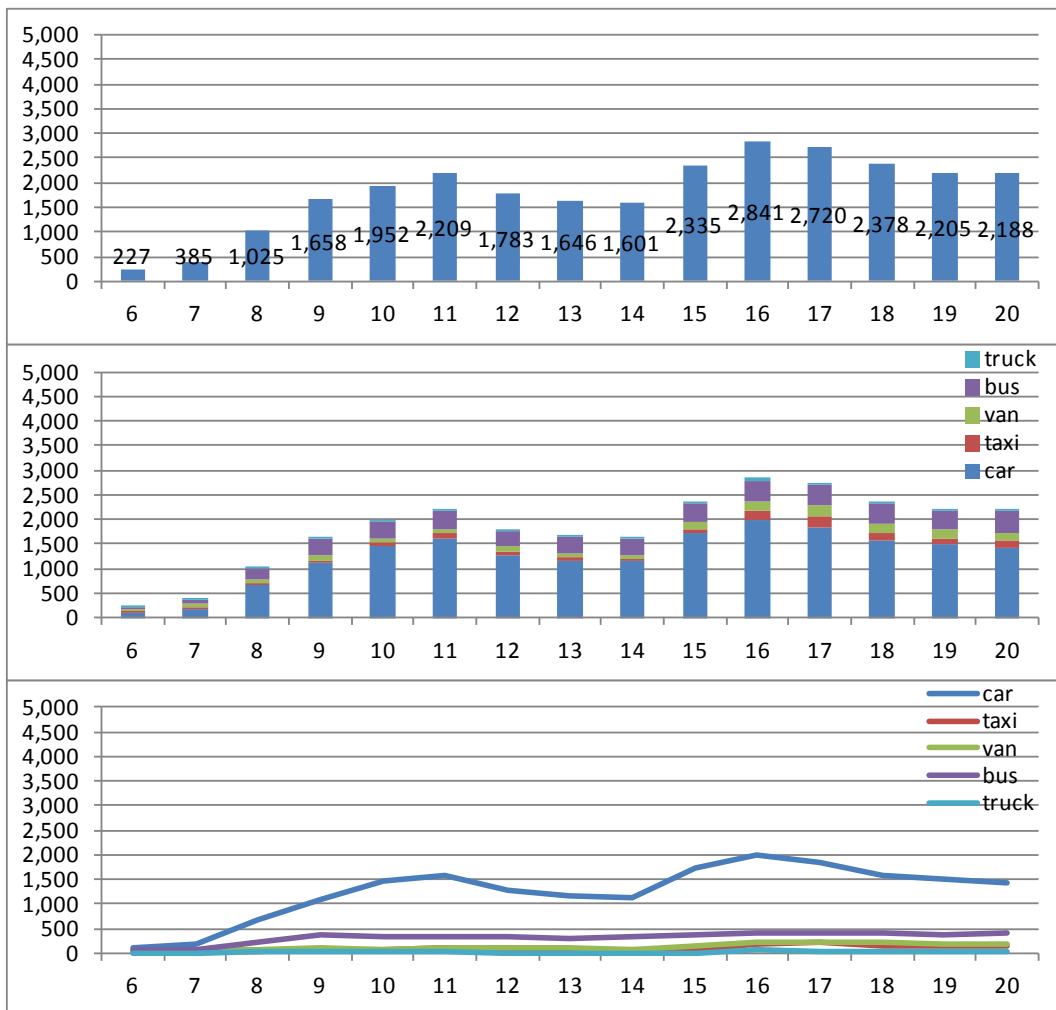


Flow 9.8



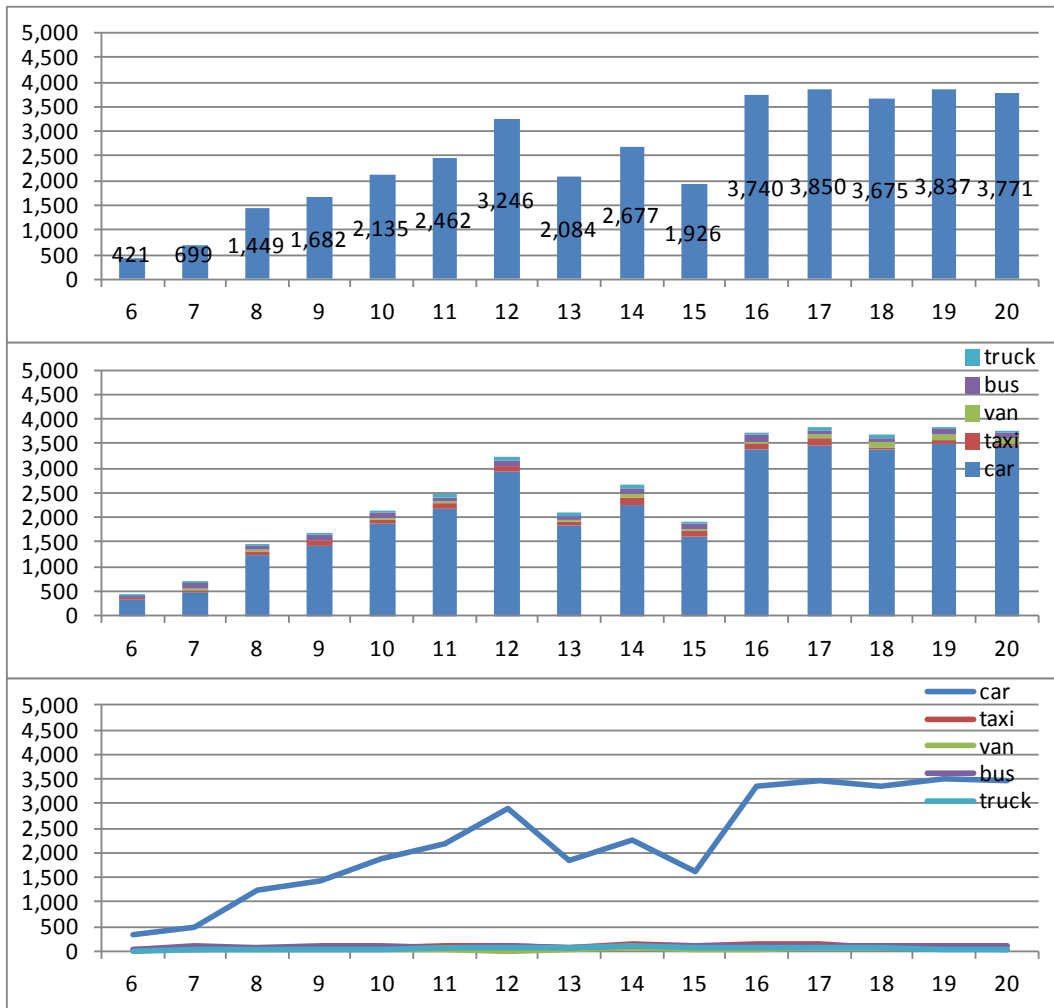


Flow 9.9



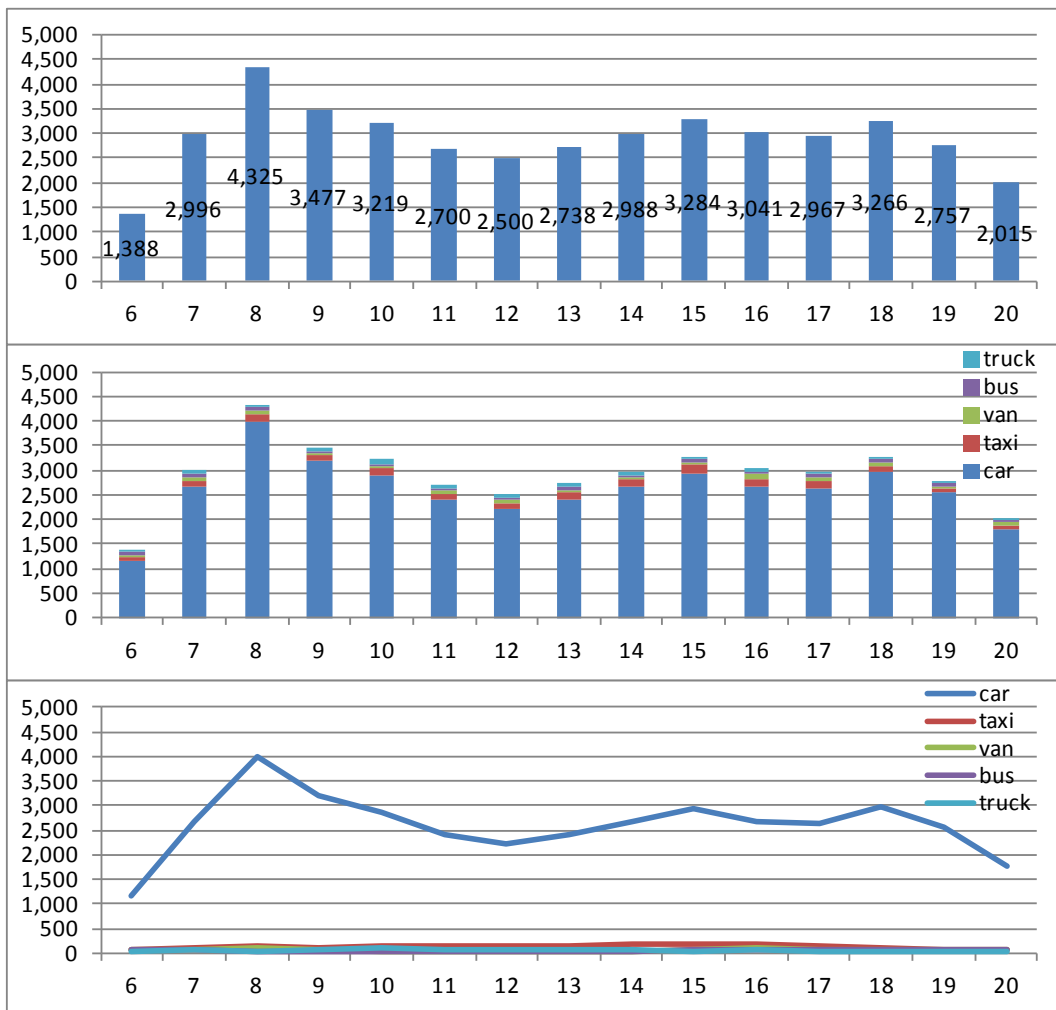


Flow 9.10



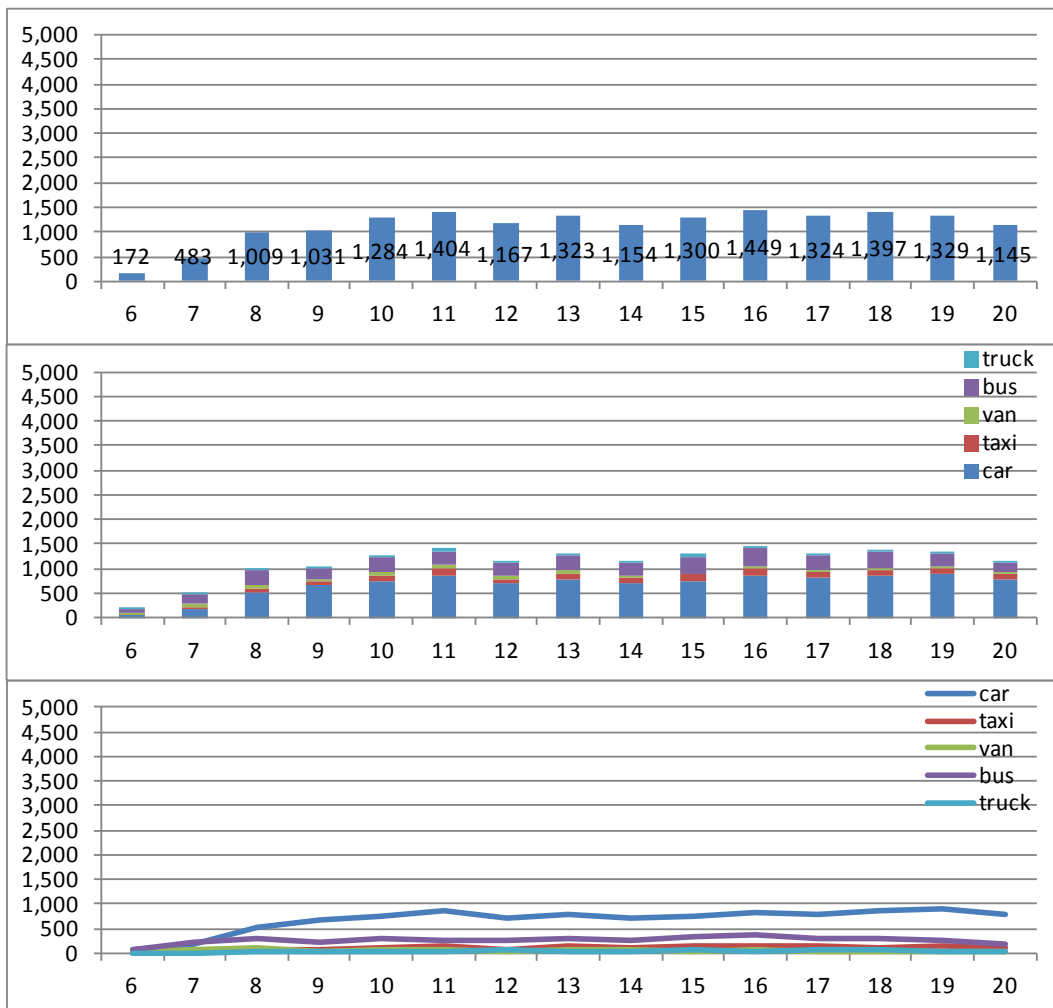


Flow 9.11

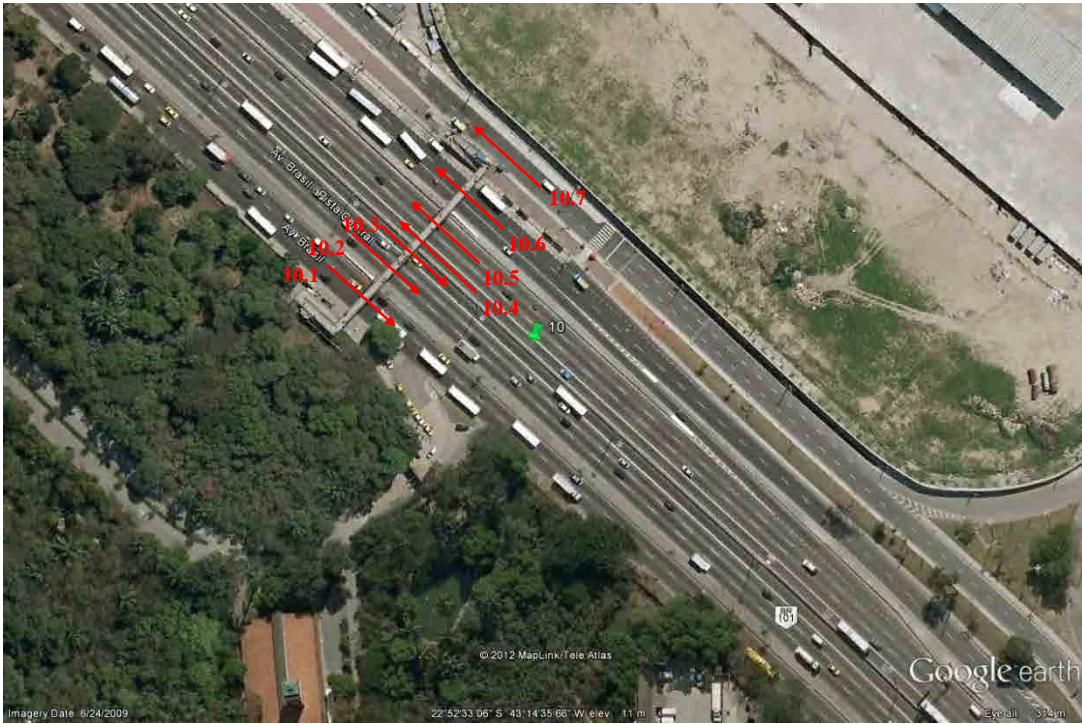




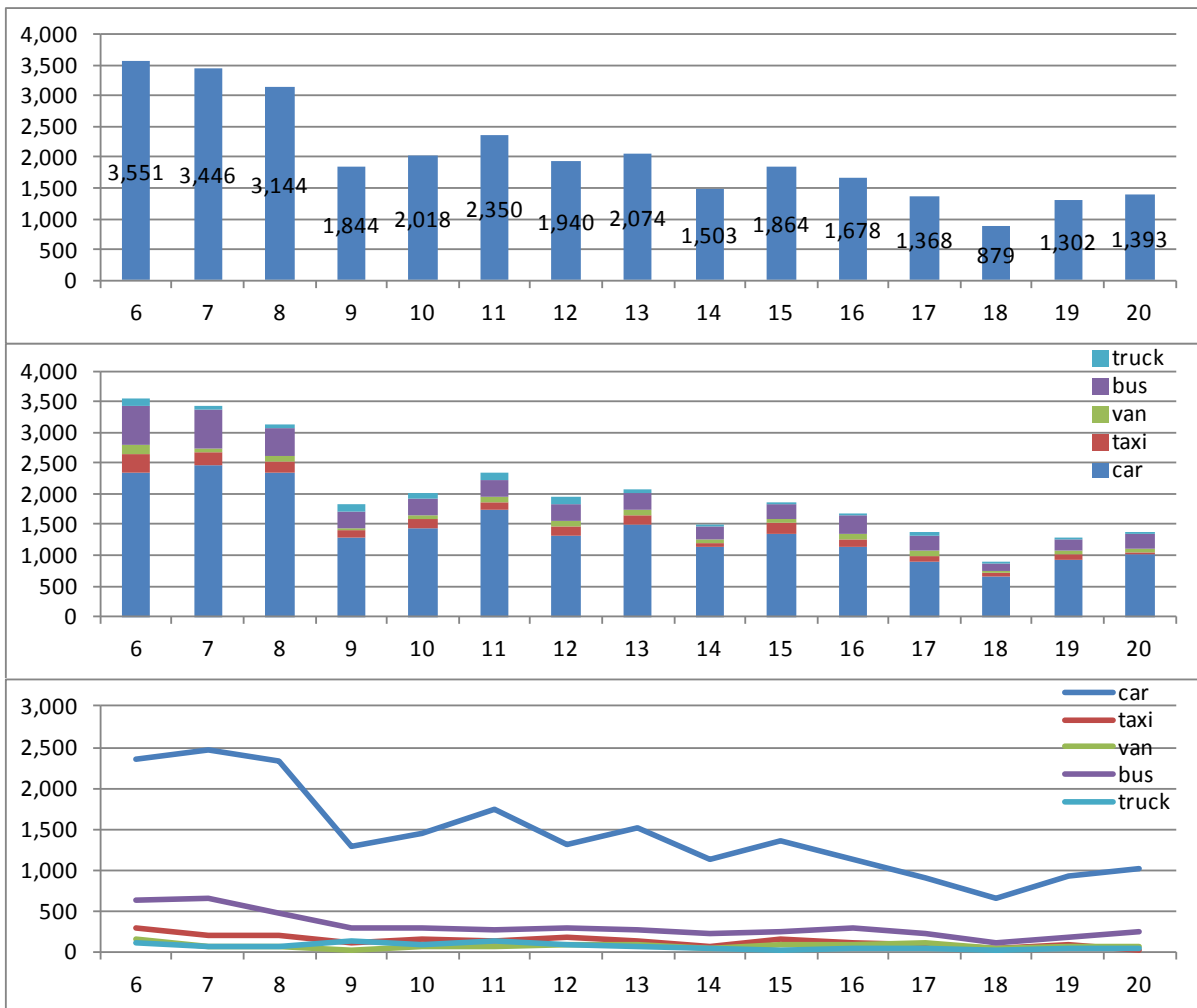
Flow 9.12



x) Av. Brasil

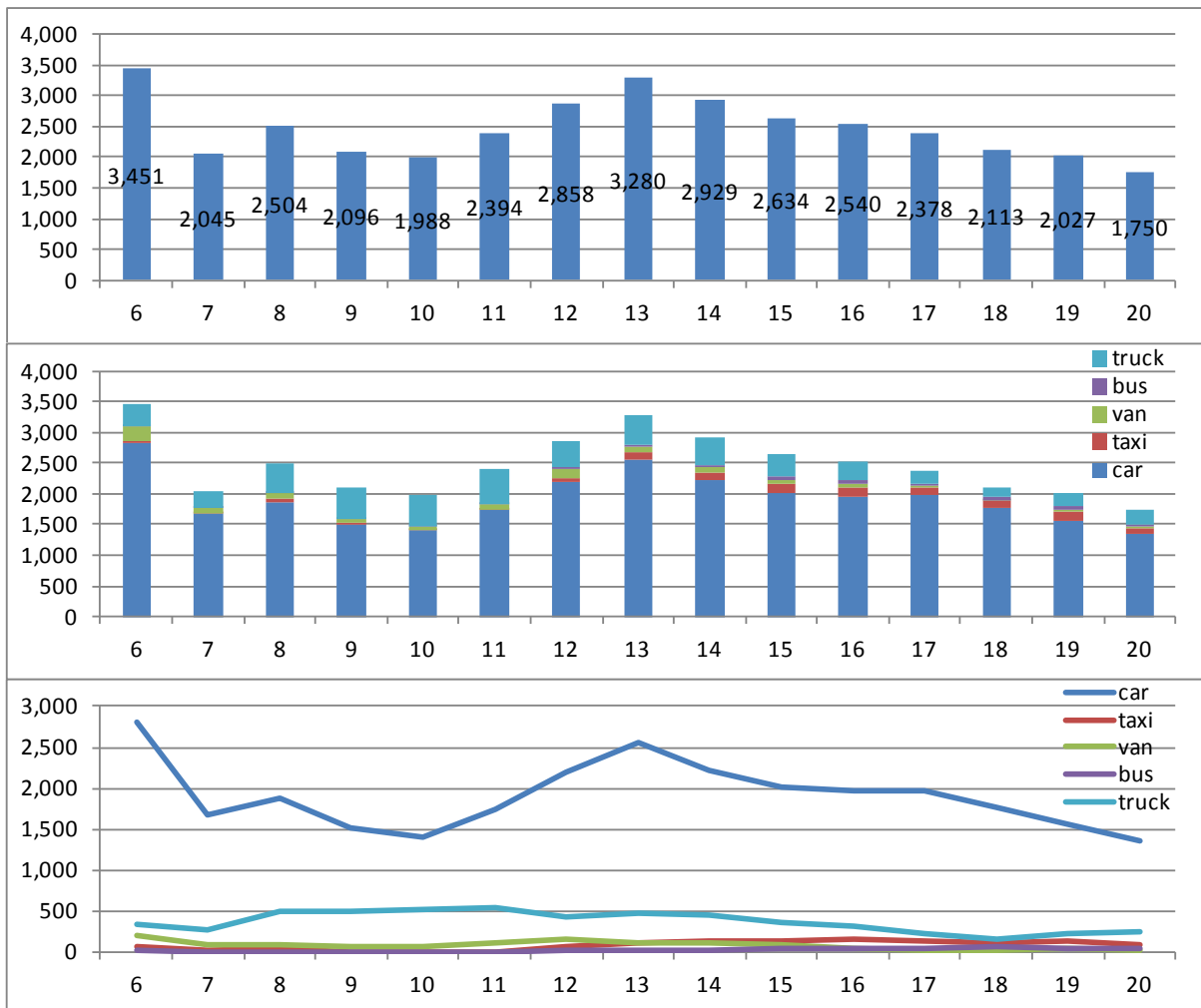


Flow 10.1



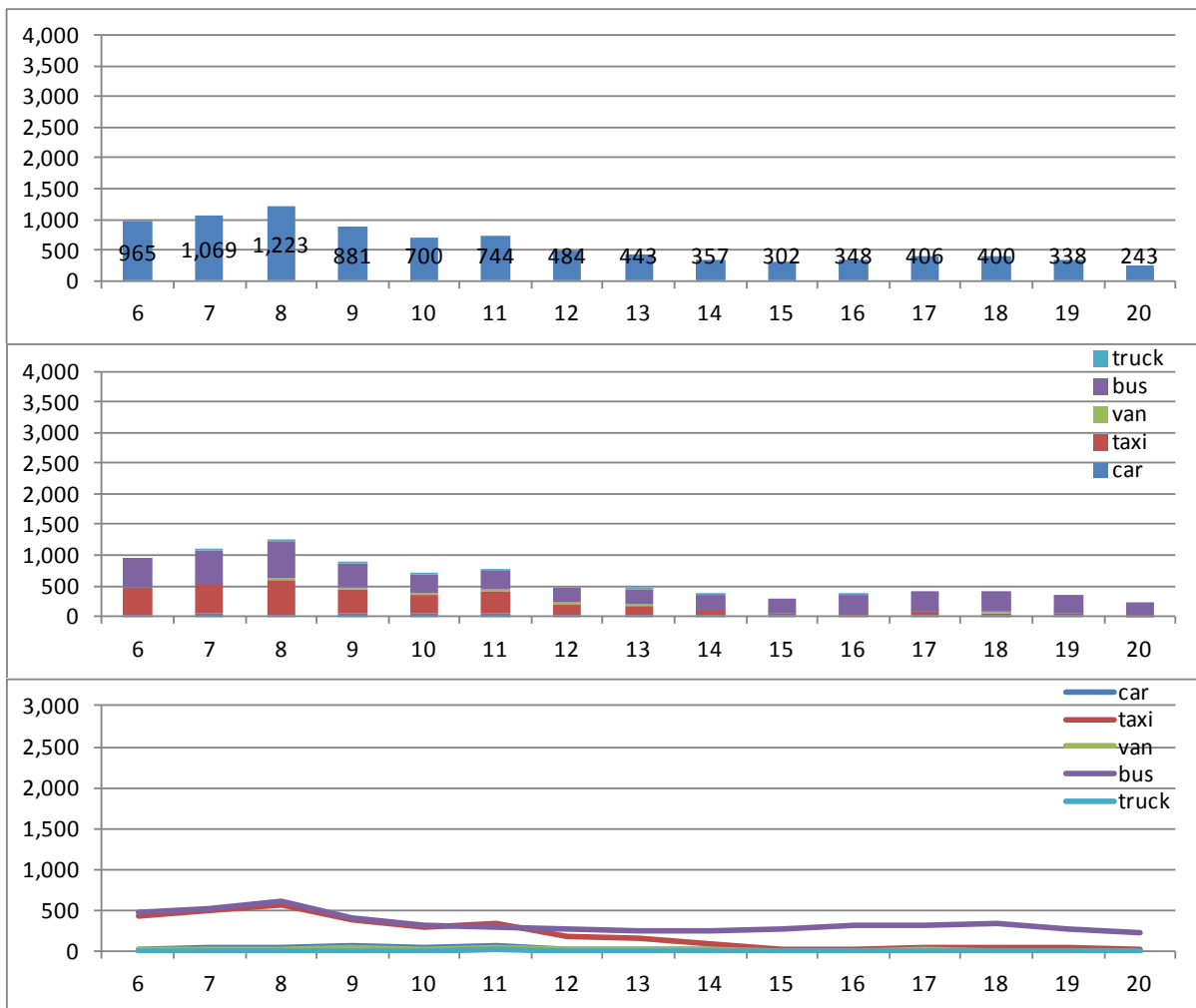


Flow 10.2



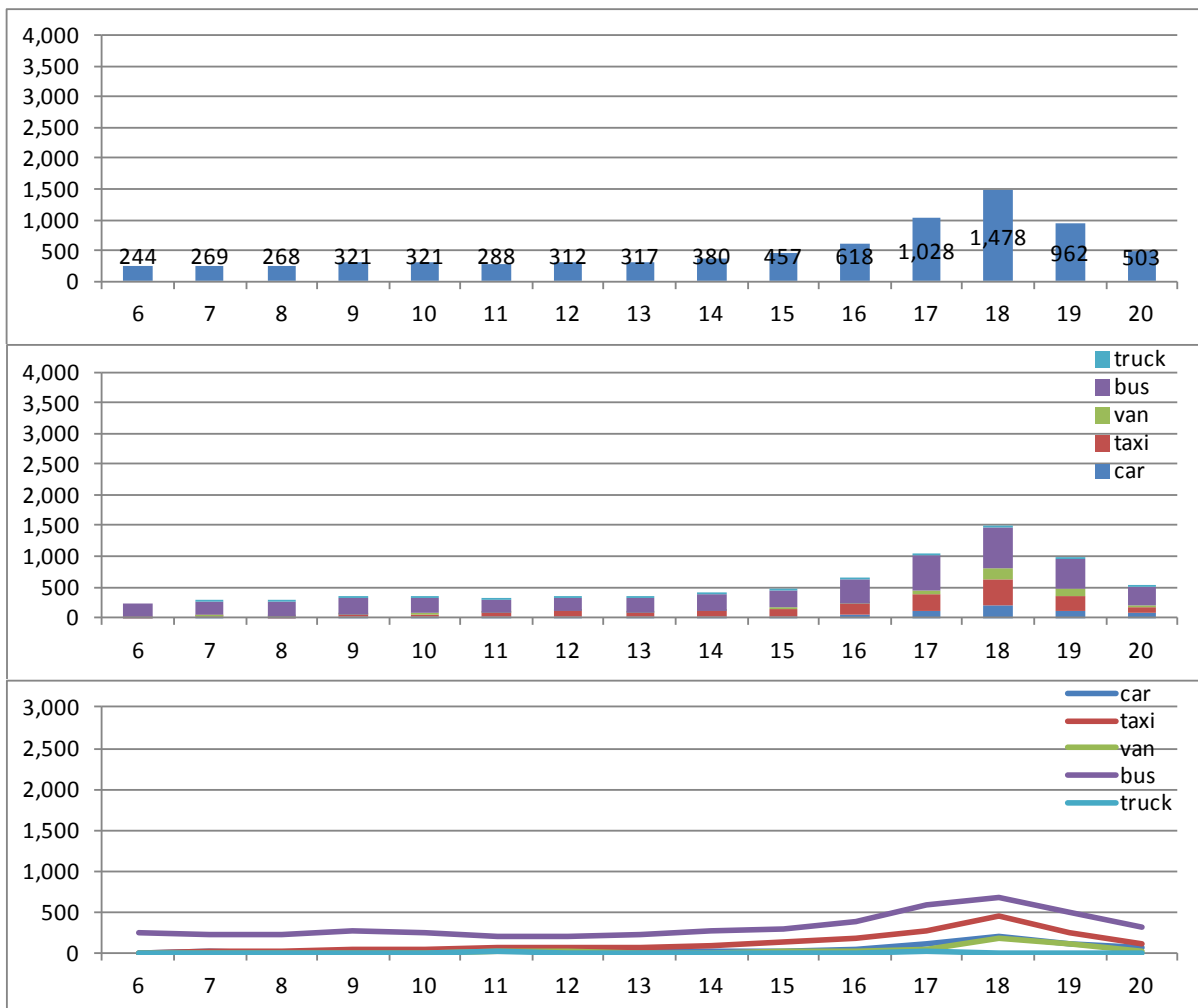


Flow 10.3



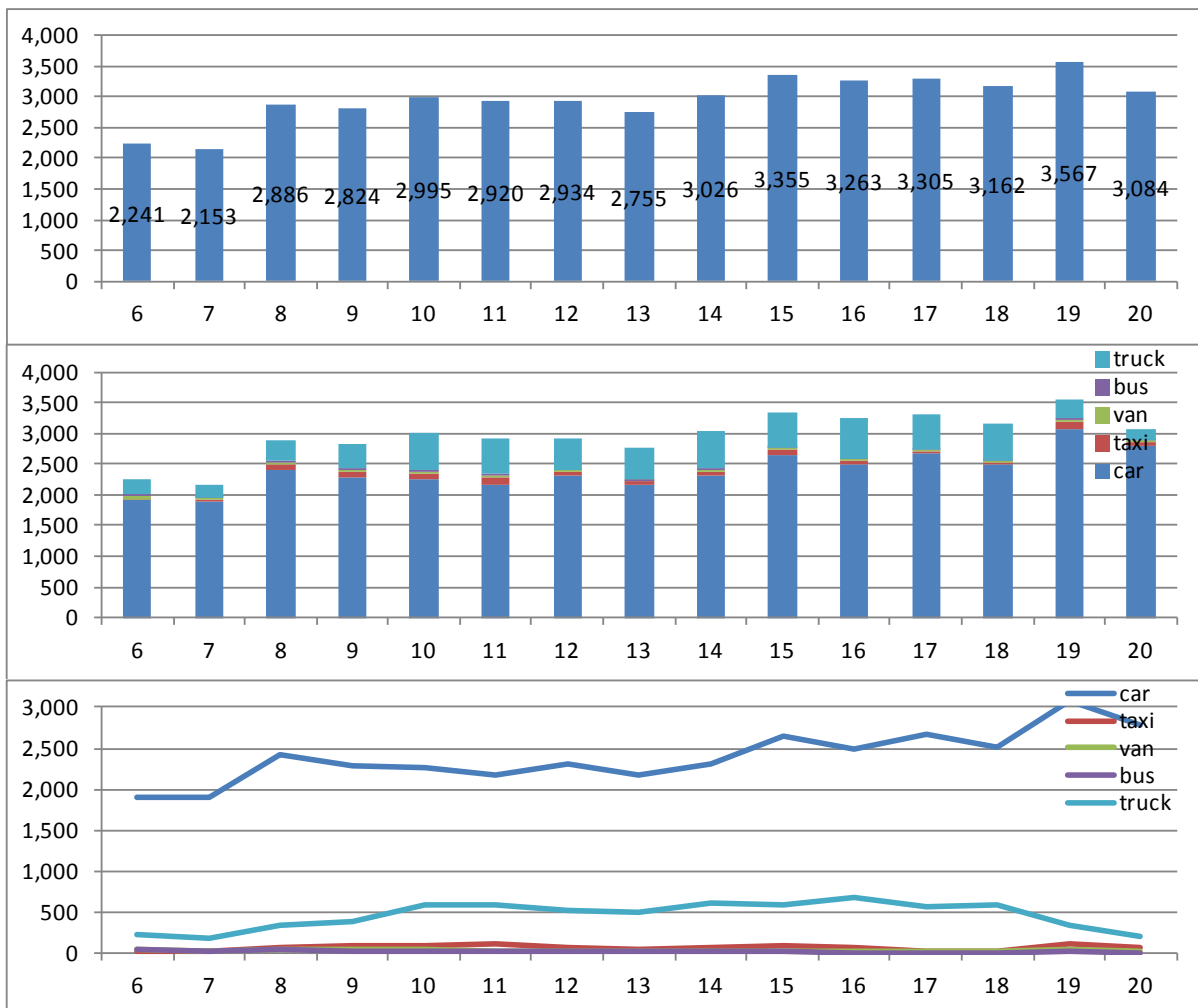


Flow 10.4



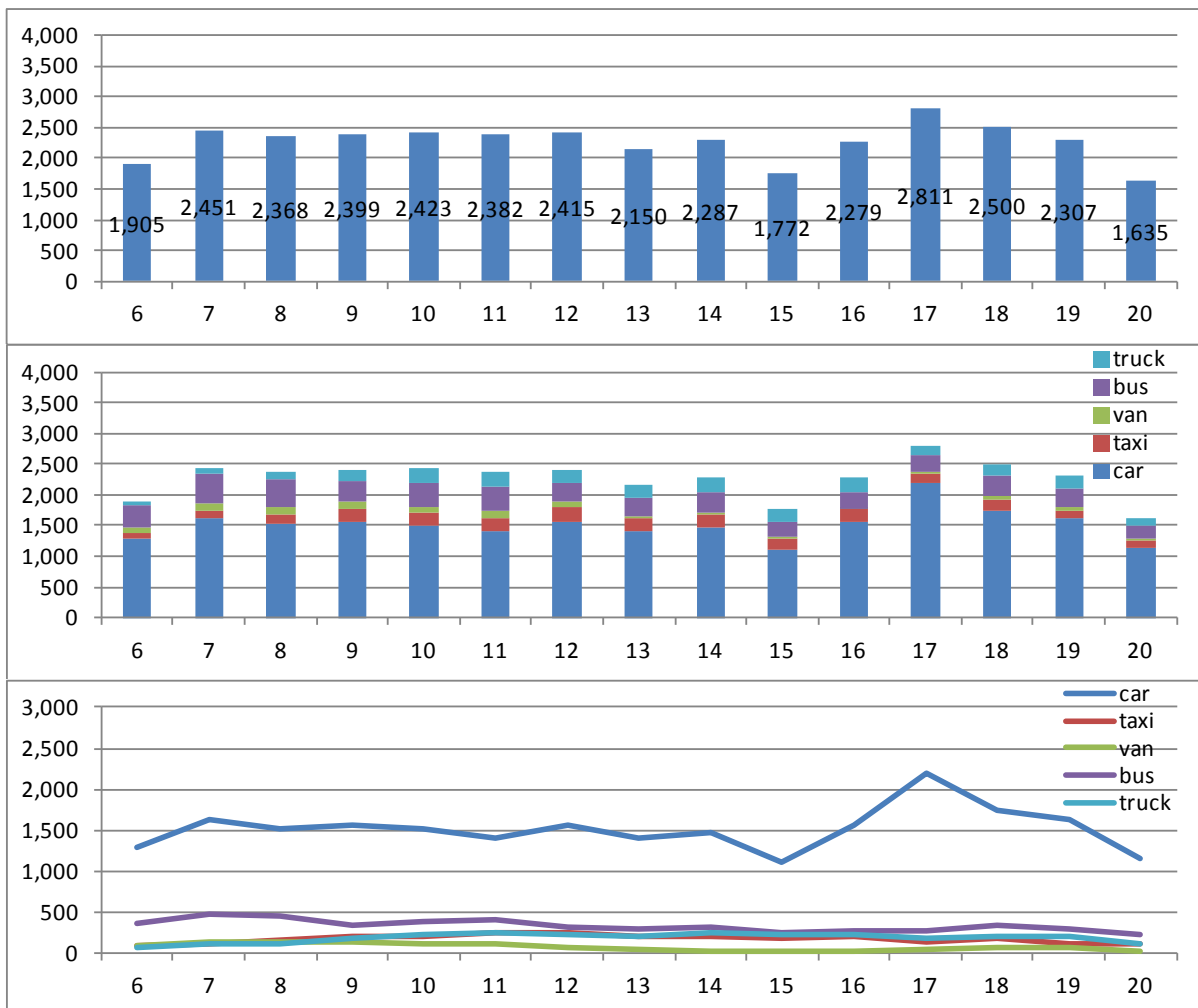


Flow 10.5



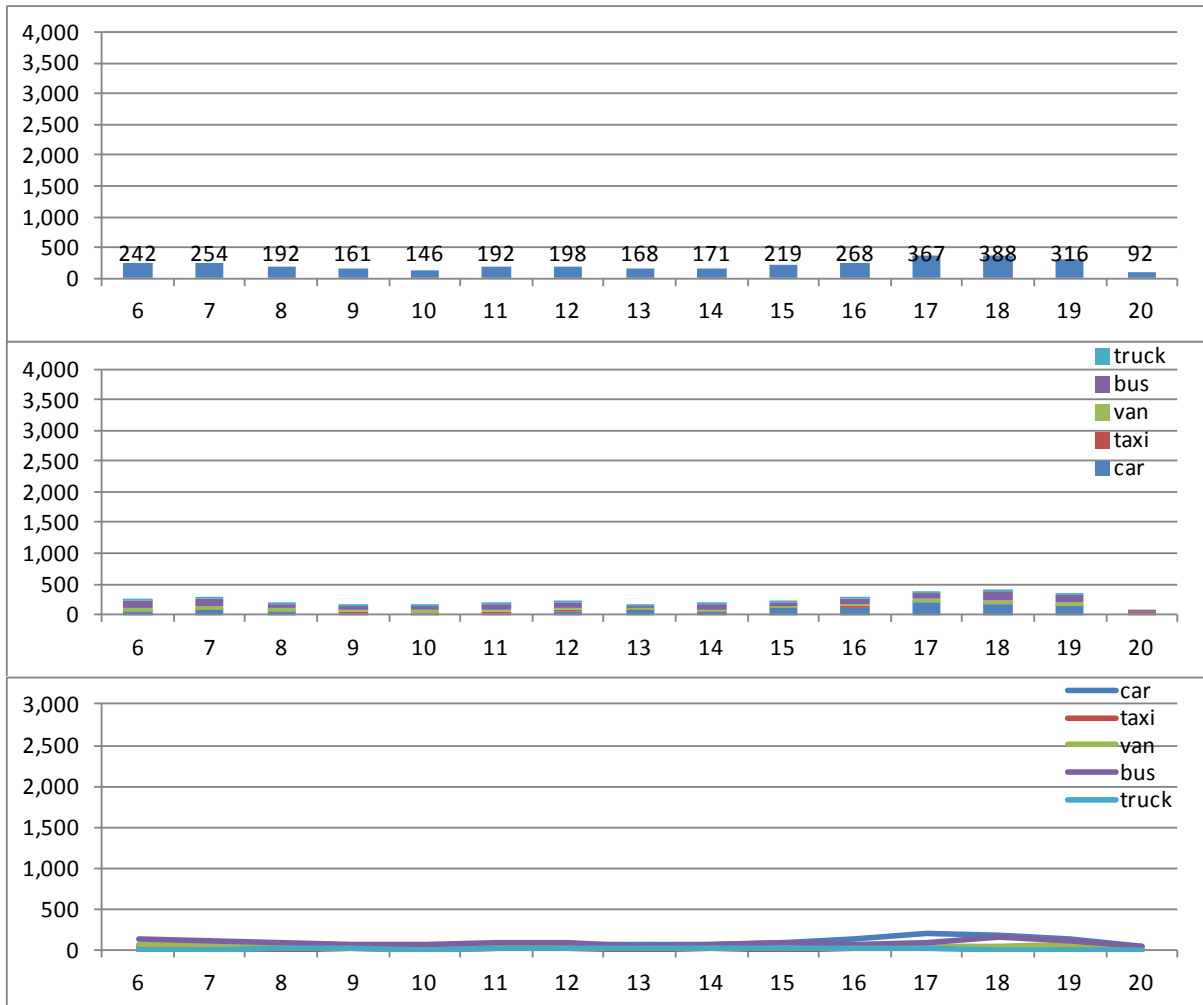


Flow 10.6





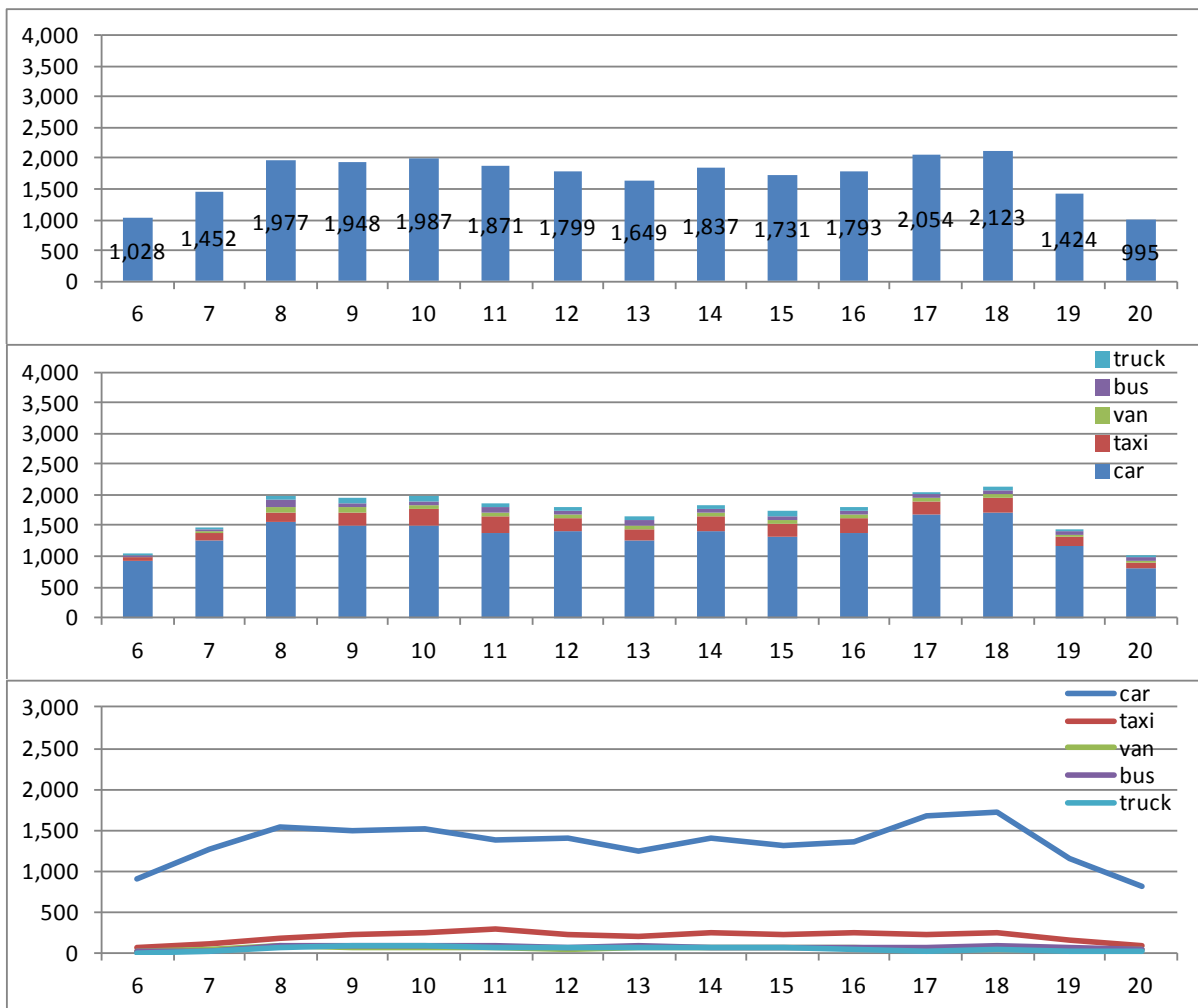
Flow 10.7



xi) R. Goiás and Av. Amaro Cavalcanti

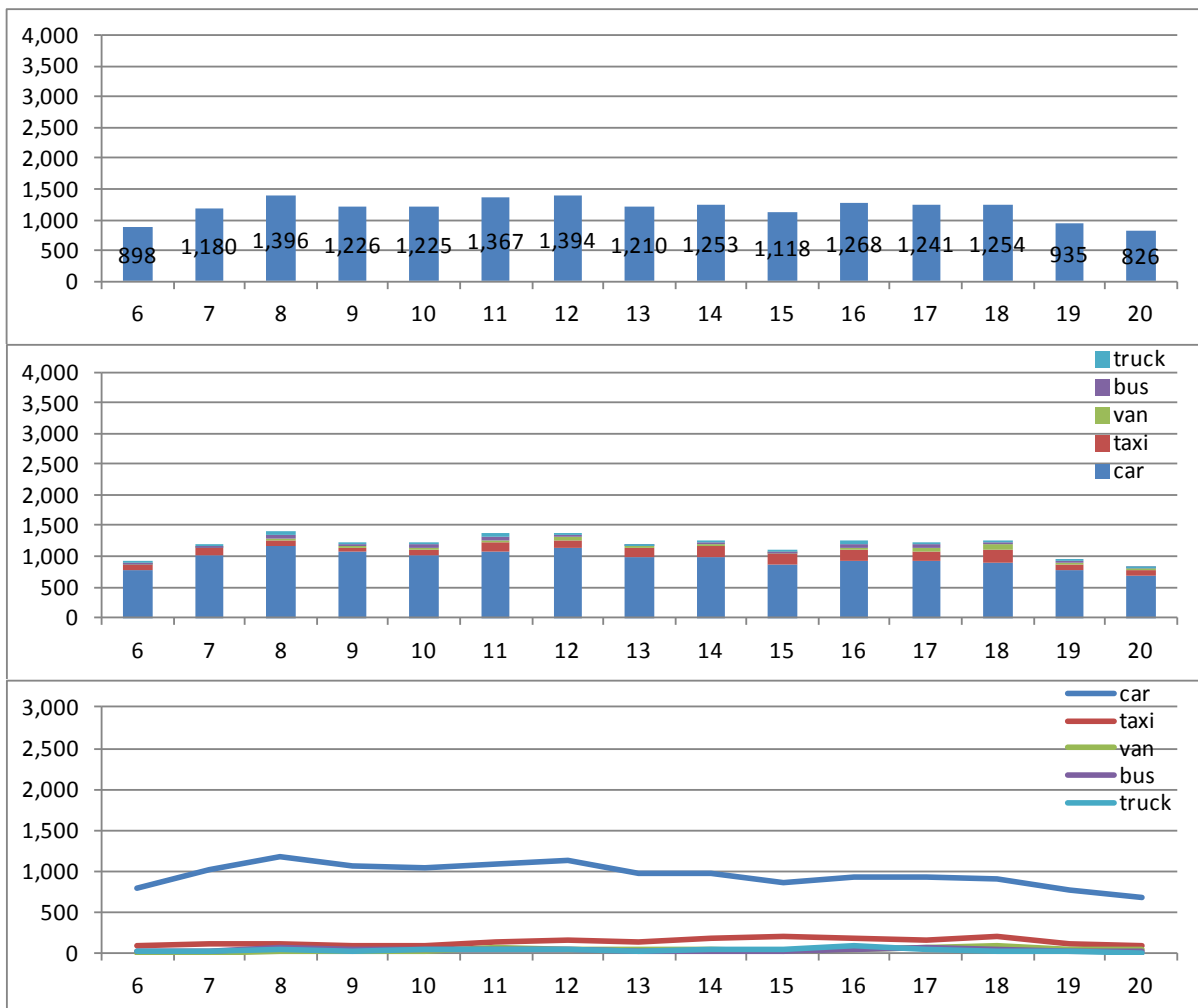


Flow 11.1





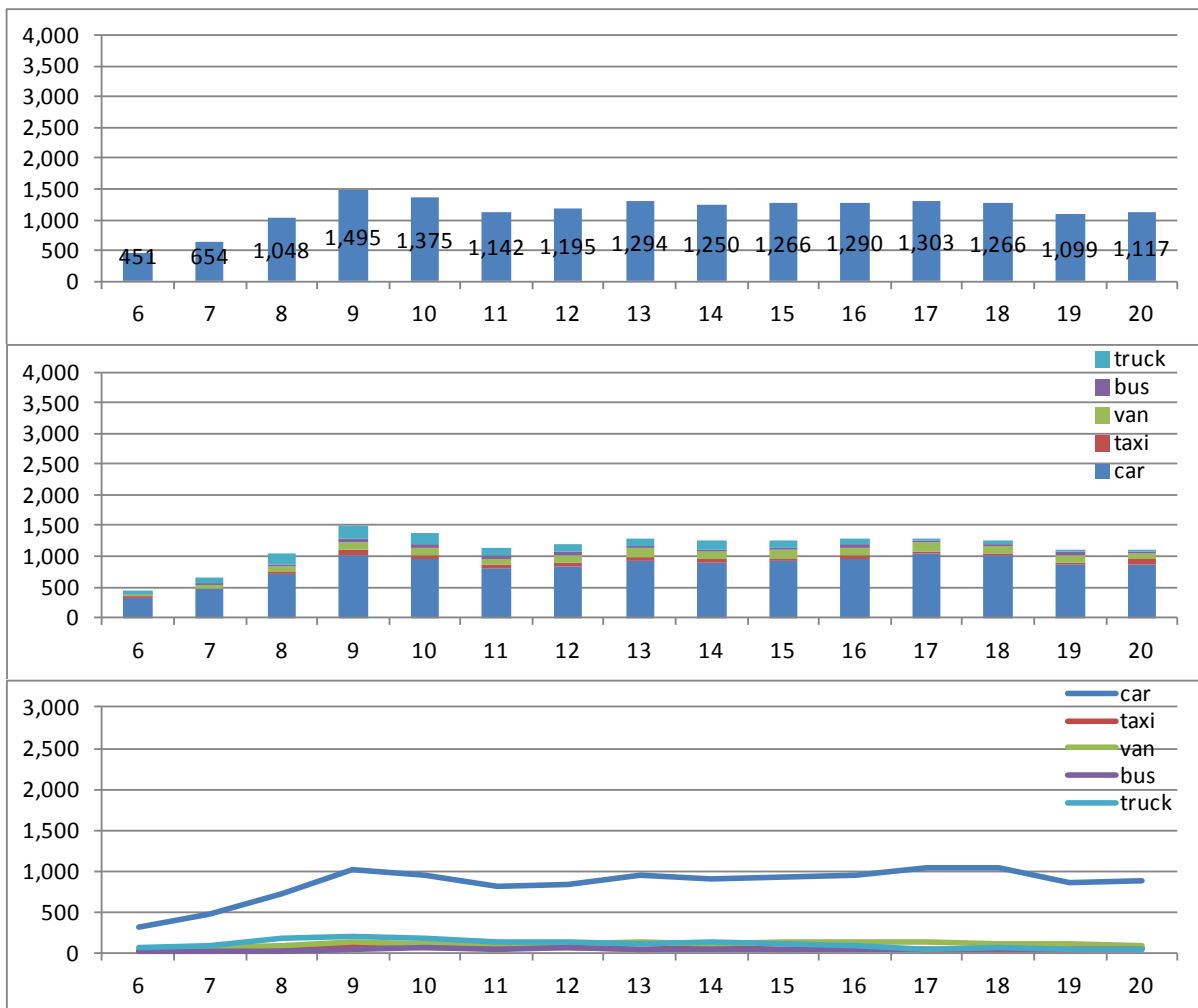
Flow 11.2



xii) Estr. dos Bandeirantes

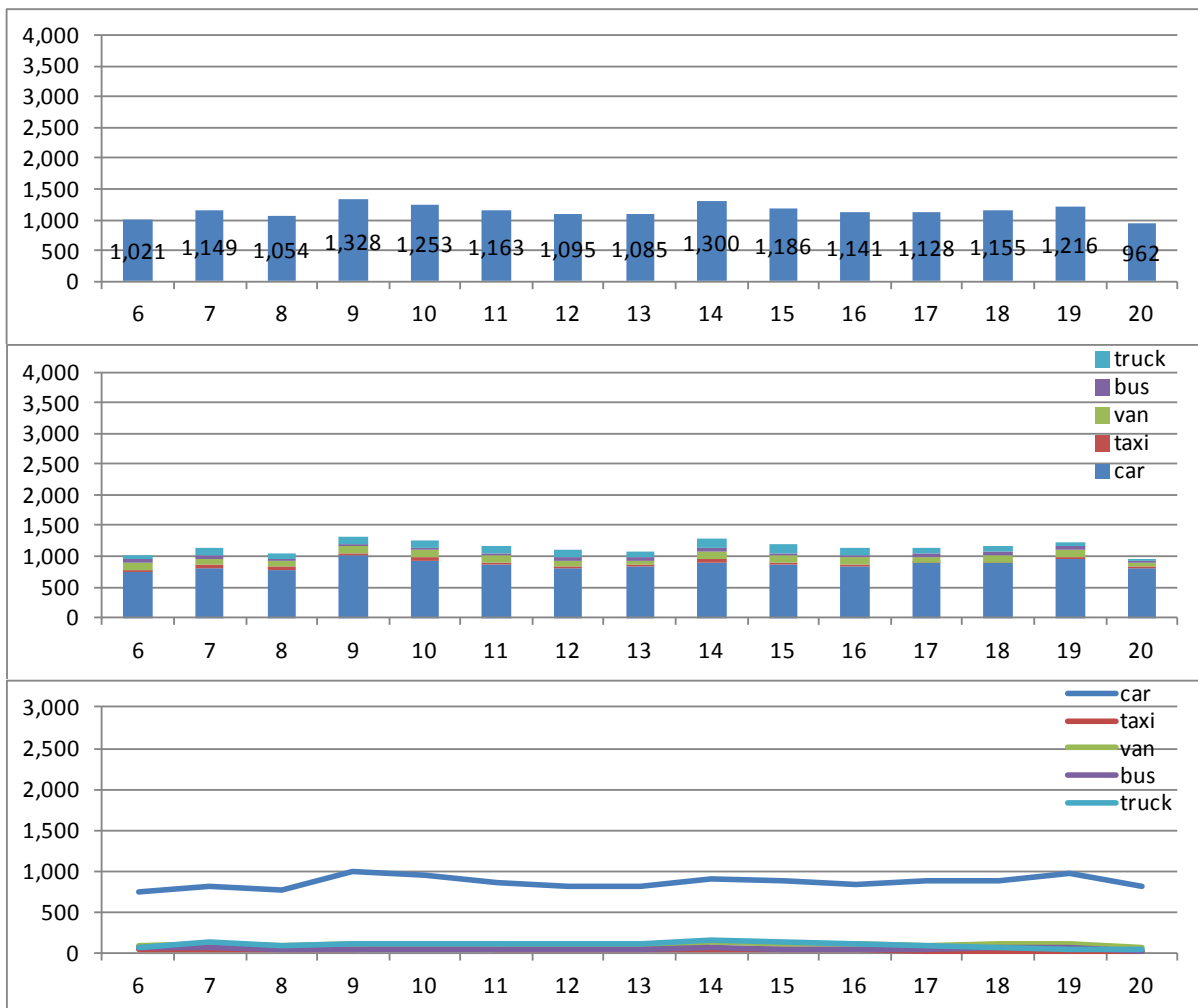


Flow 12.1





Flow 12.2

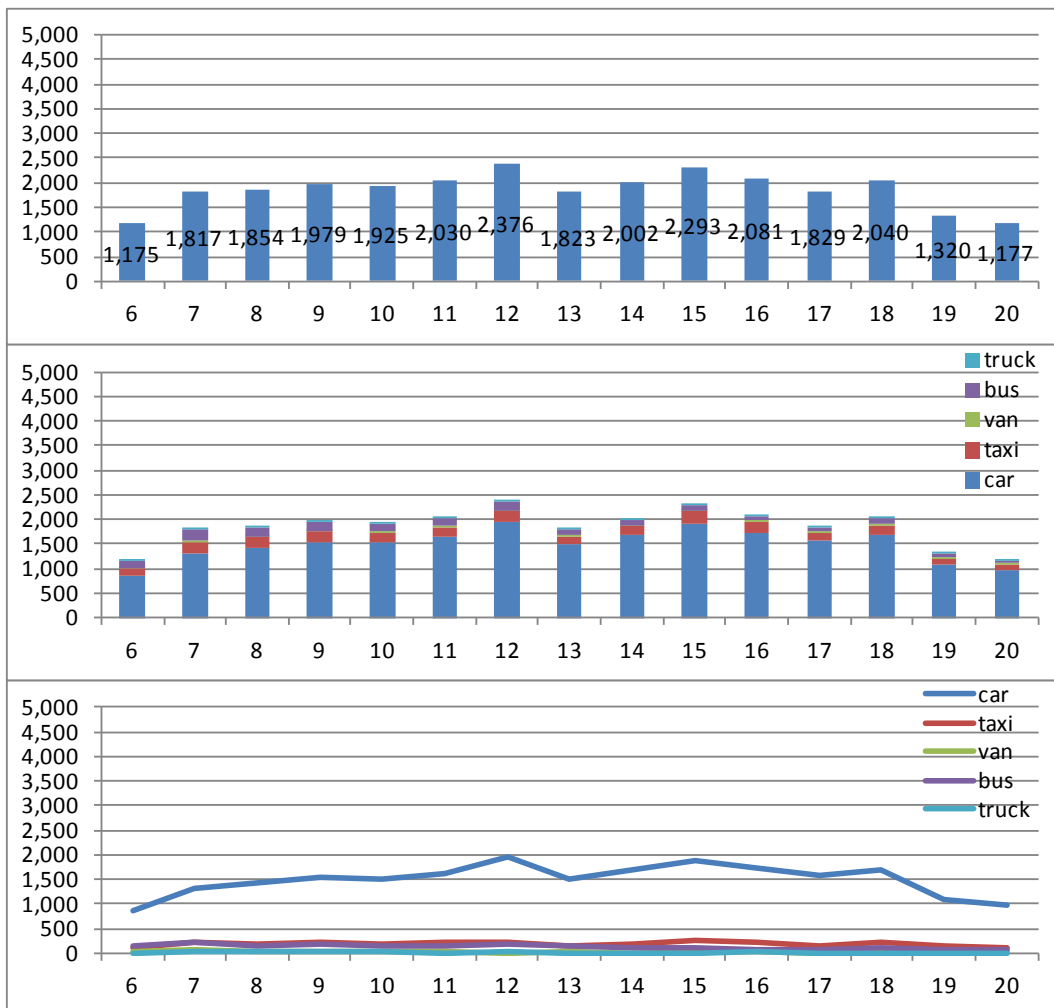


2) Weekend (5th of August)

i) Av. Presidente Vargas – Av. Francisco Bicalho (North, South, East, West)

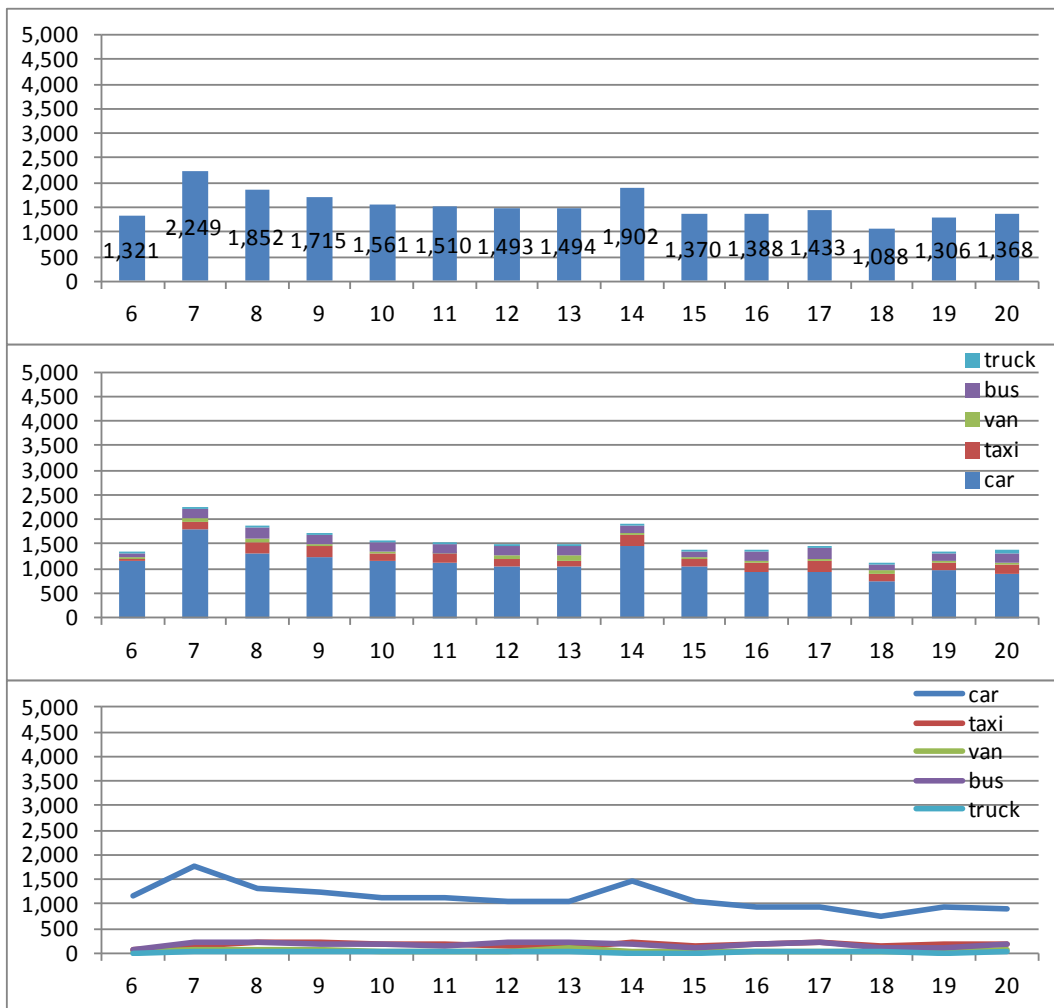


Flow 7.1



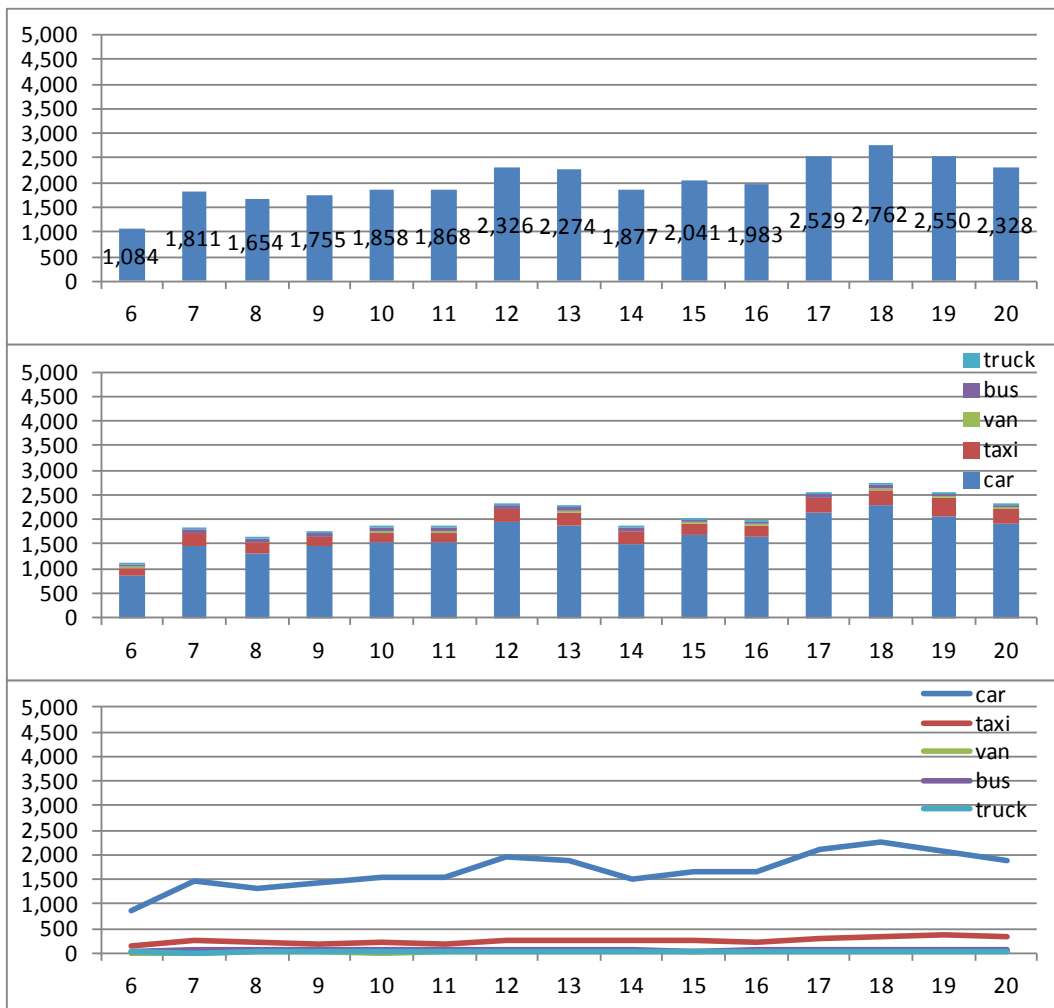


Flow 7.2



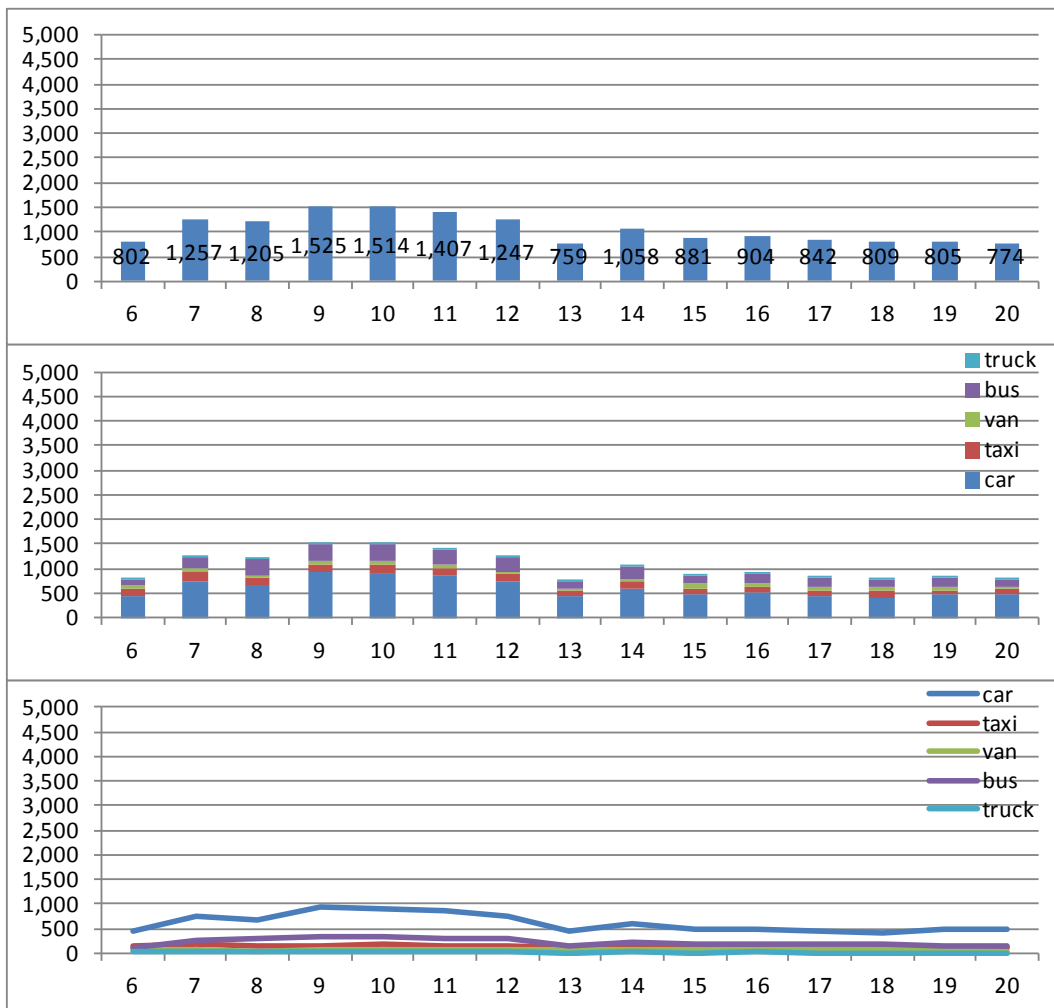


Flow 7.3



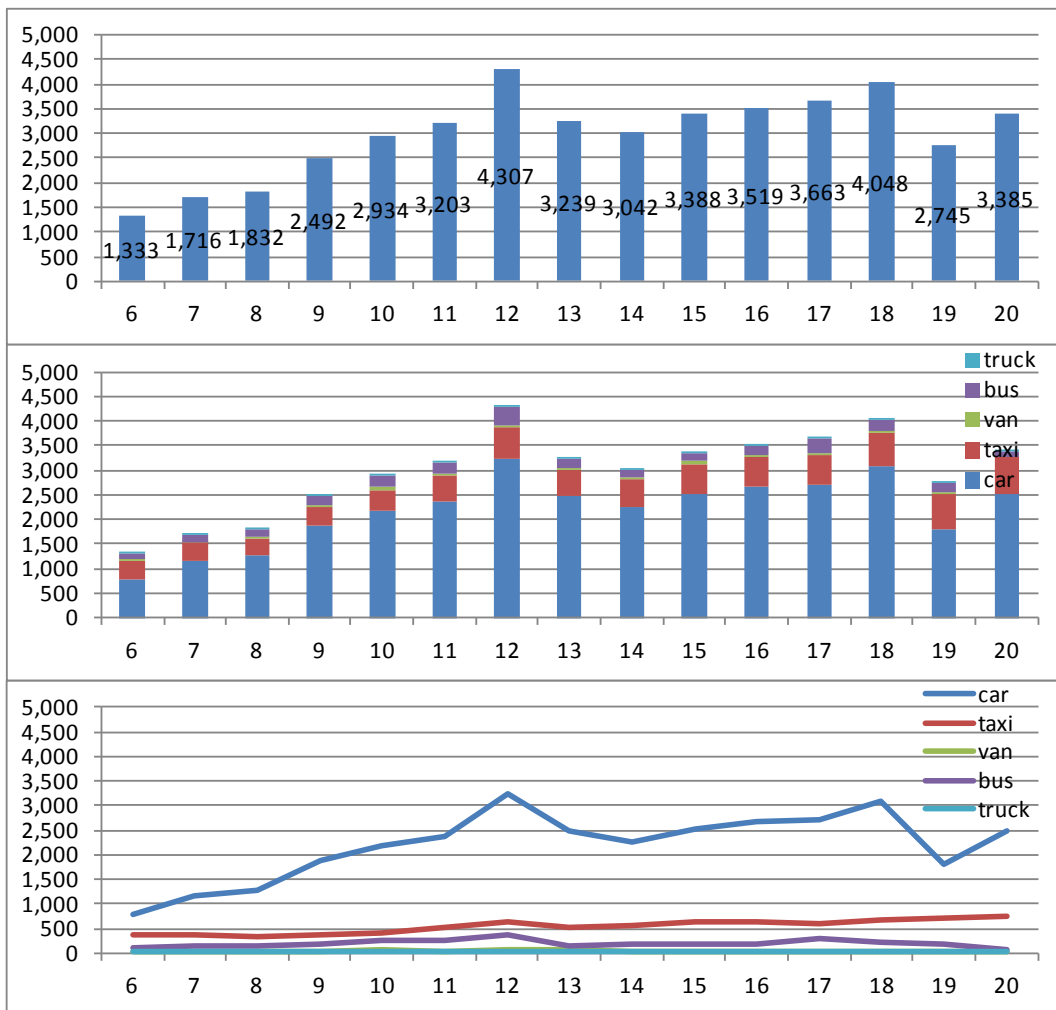


Flow 7.4



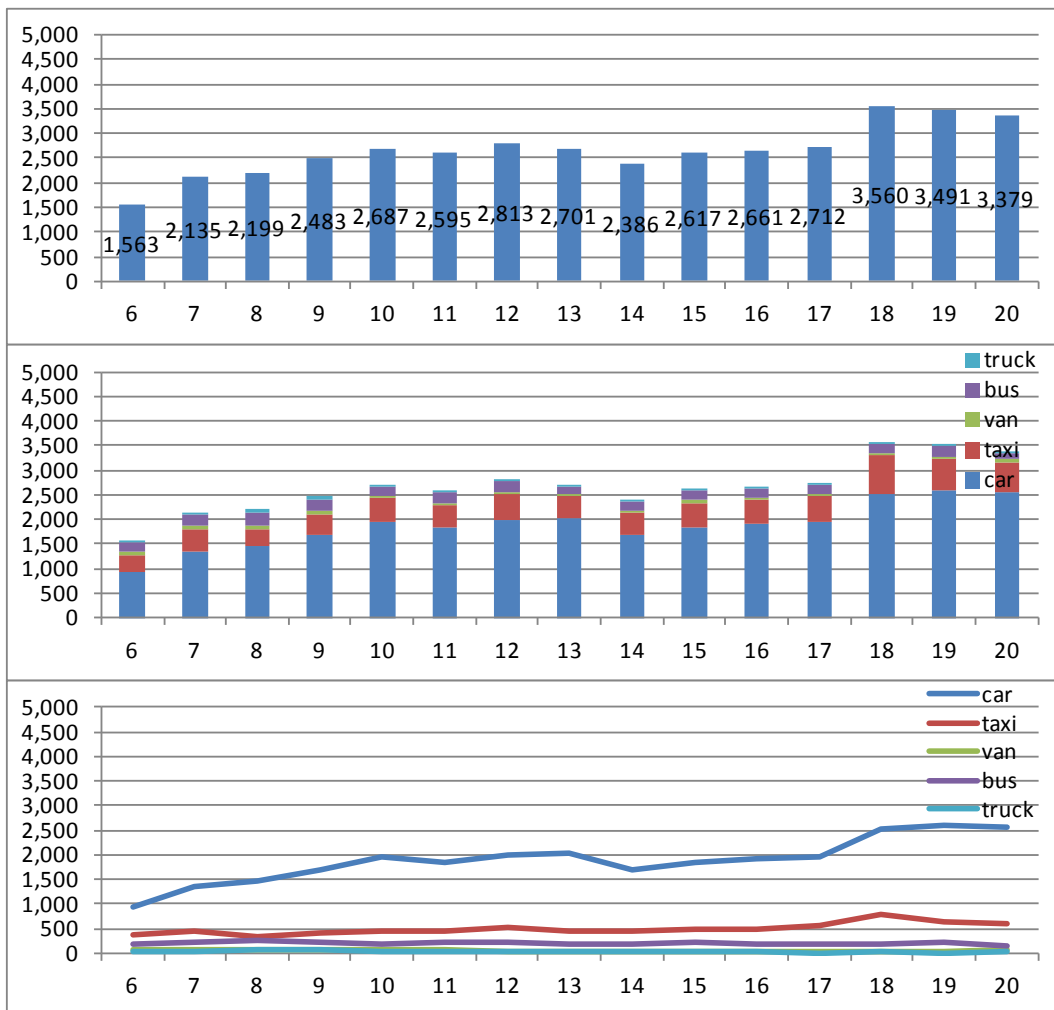


Flow 7.5



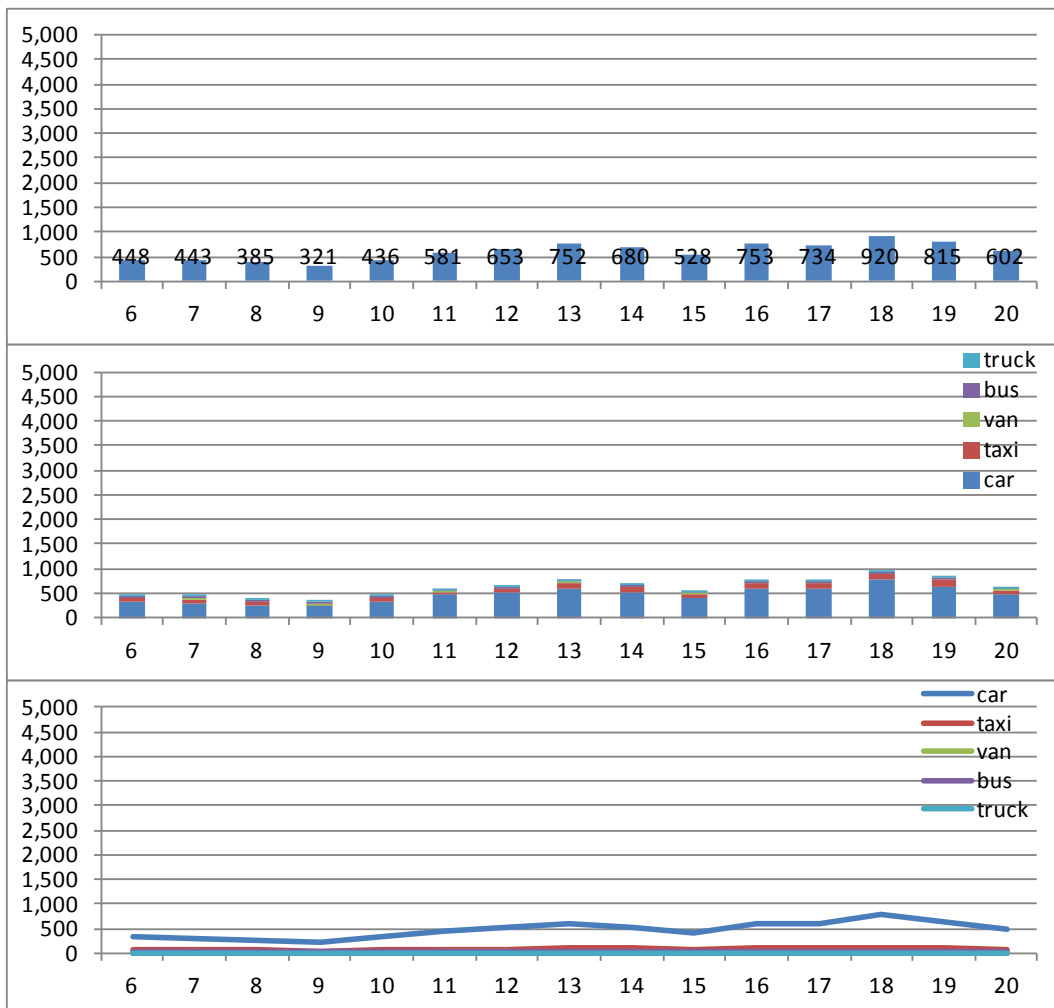


Flow 7.6



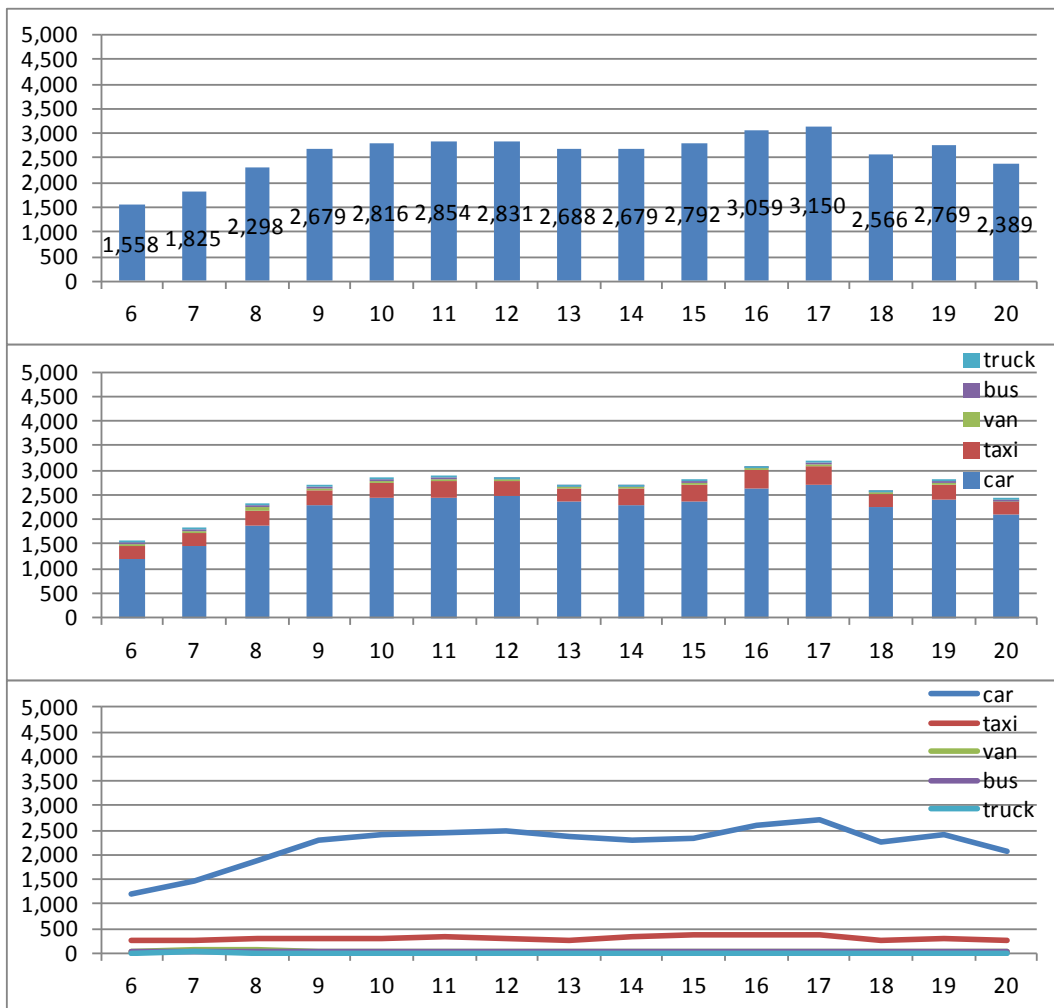


Flow 7.7



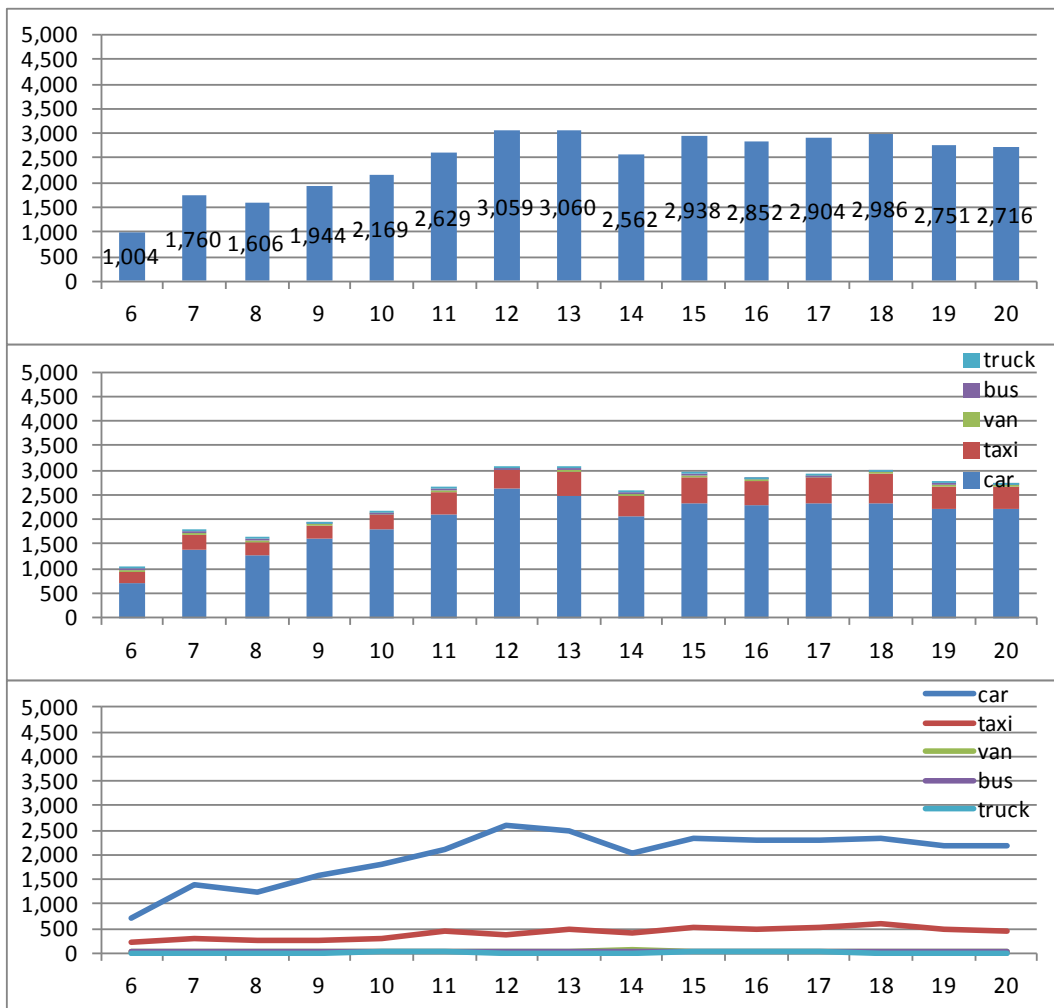


Flow 7.8



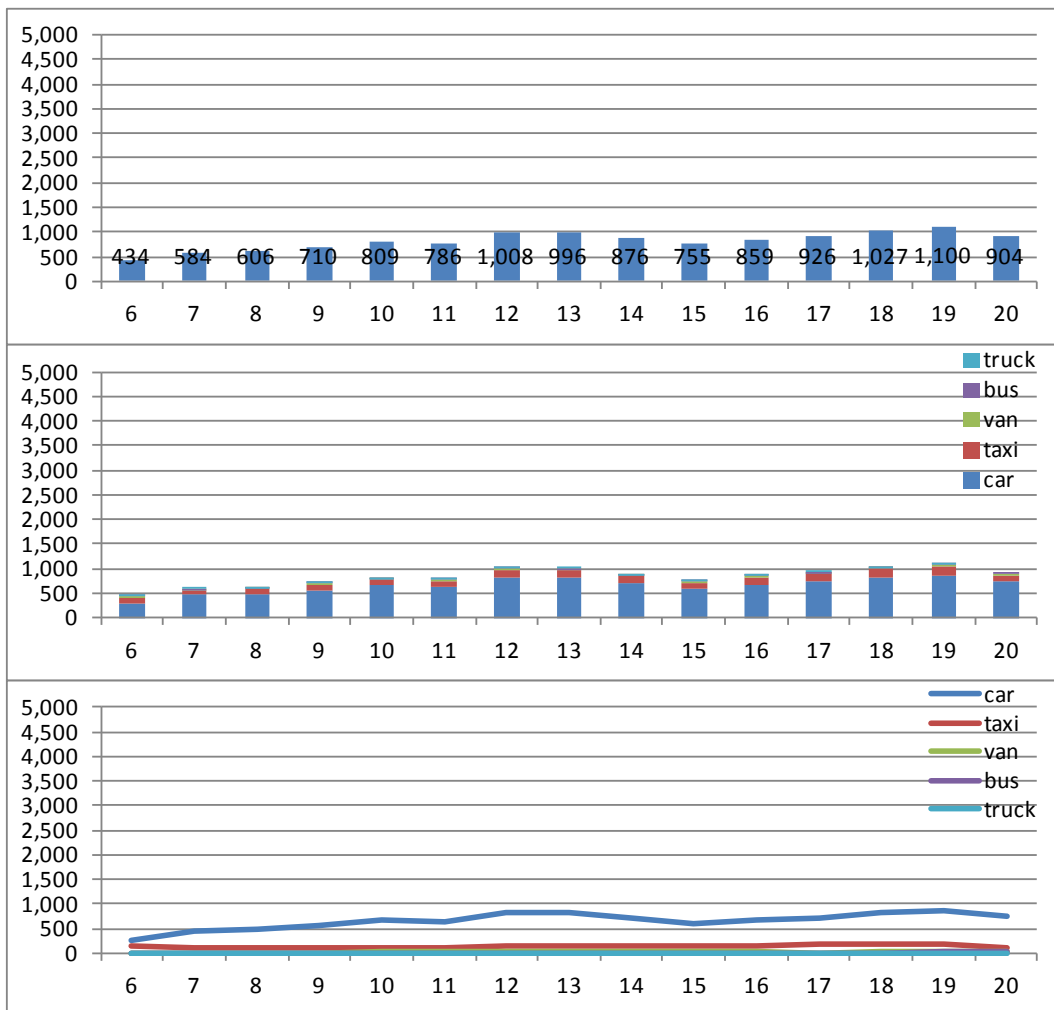


Flow 7.9



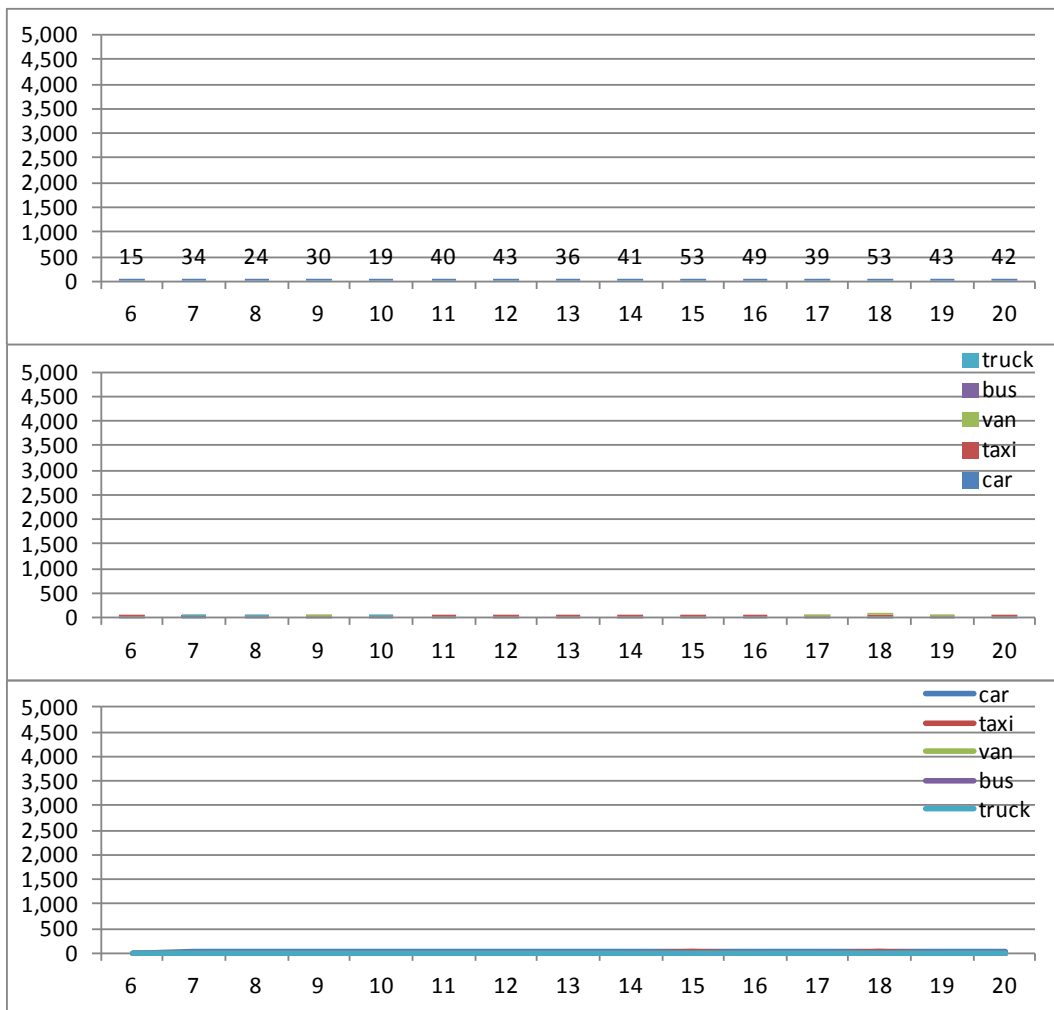


Flow 7.10



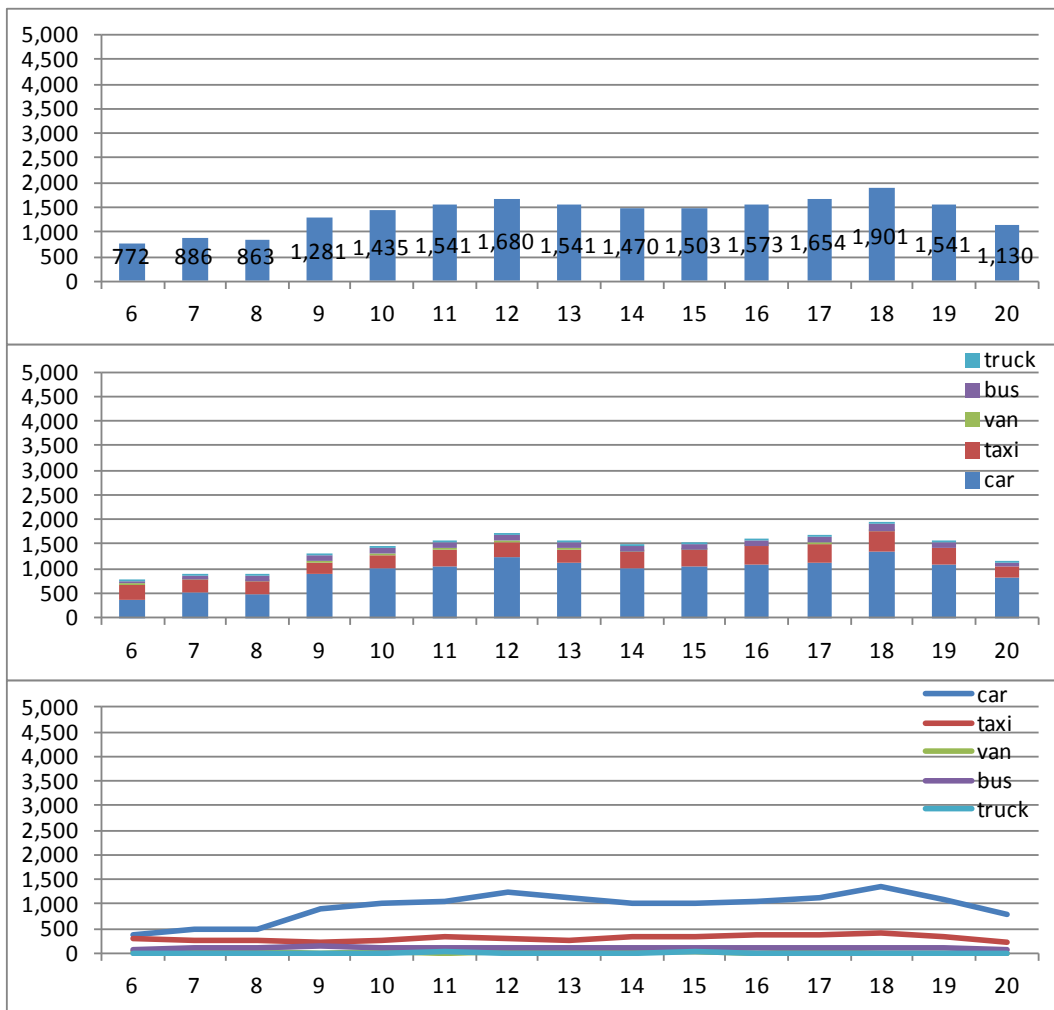


Flow 7.11



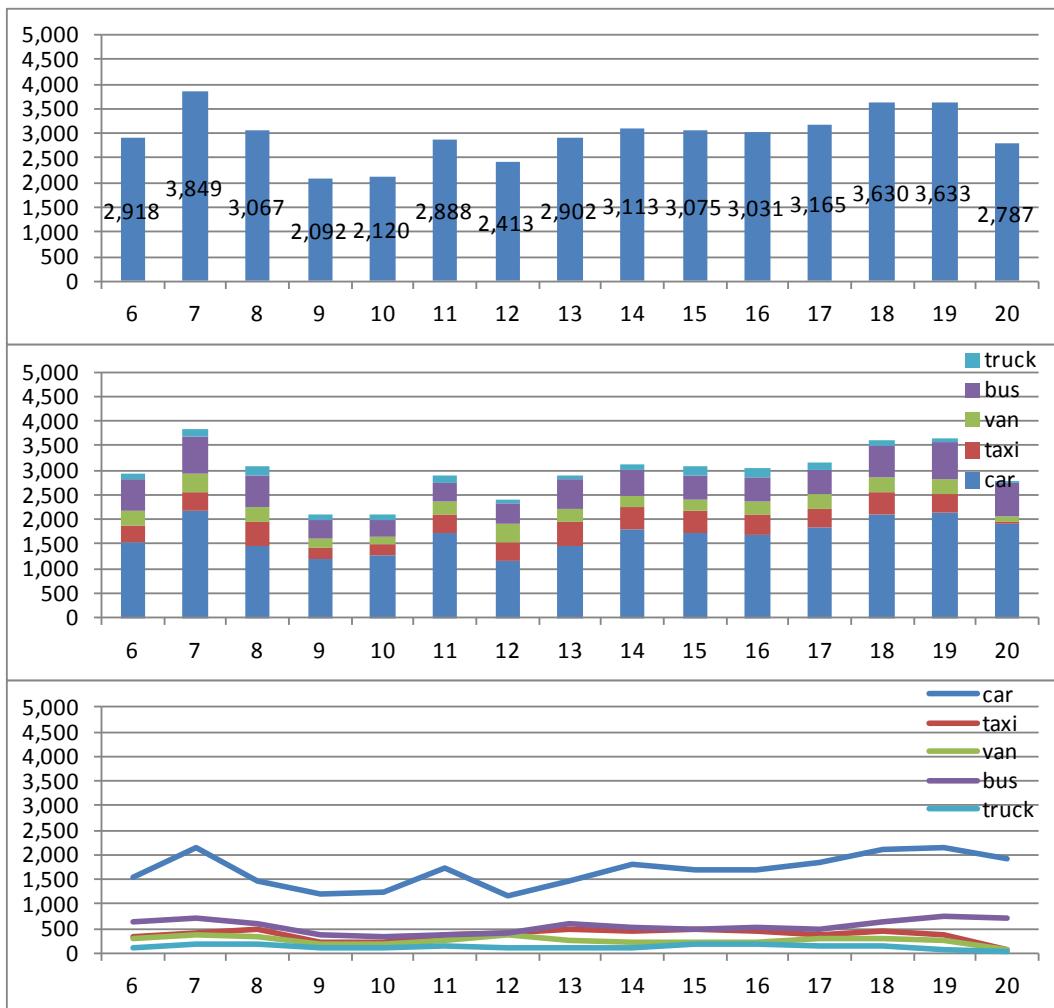


Flow 7.12



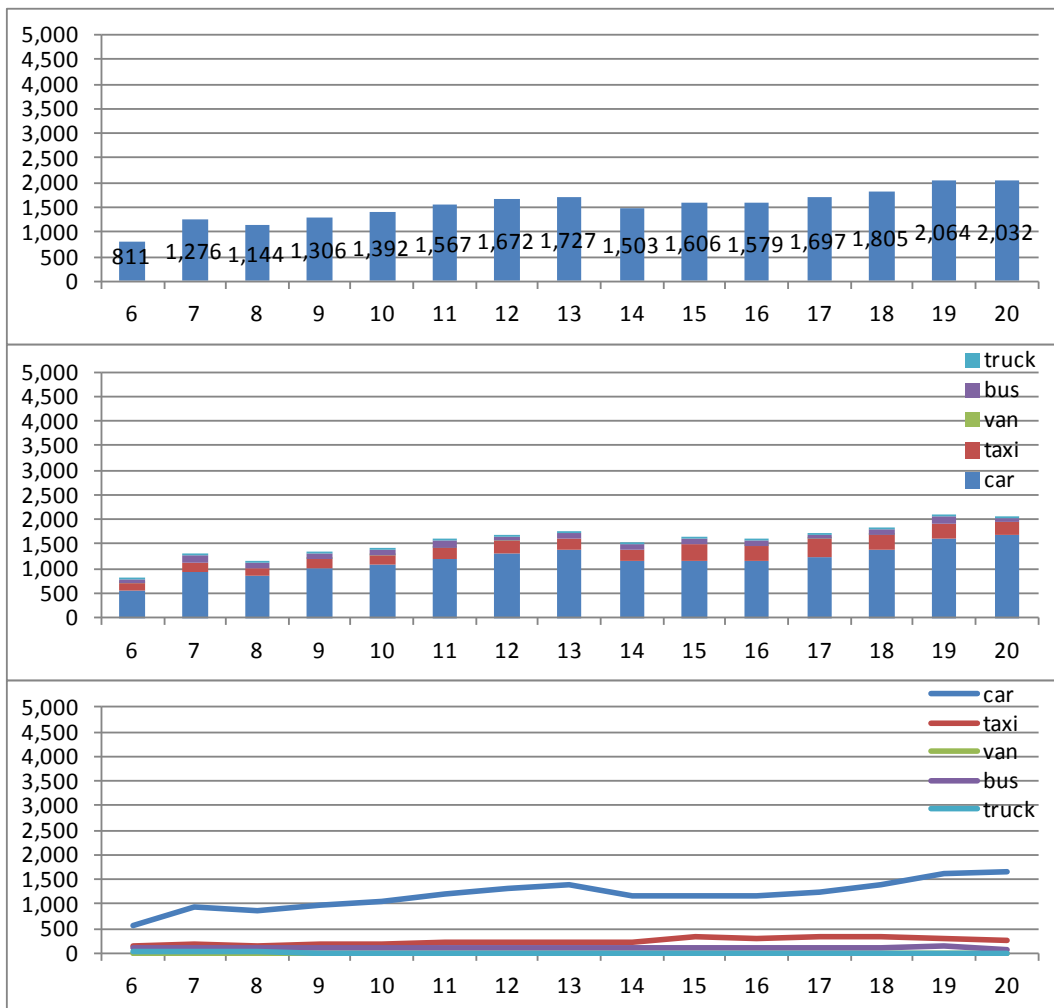


Flow 7.13



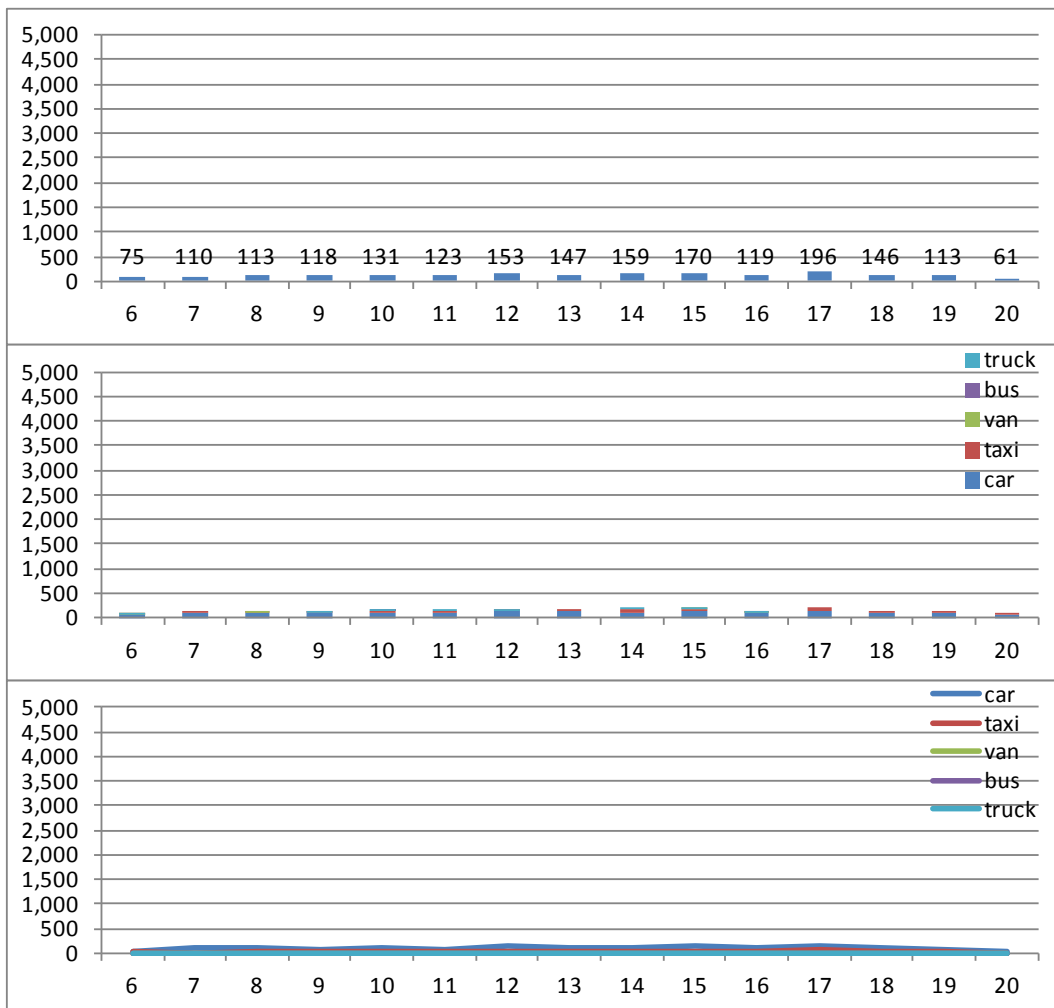


Flow 7.14



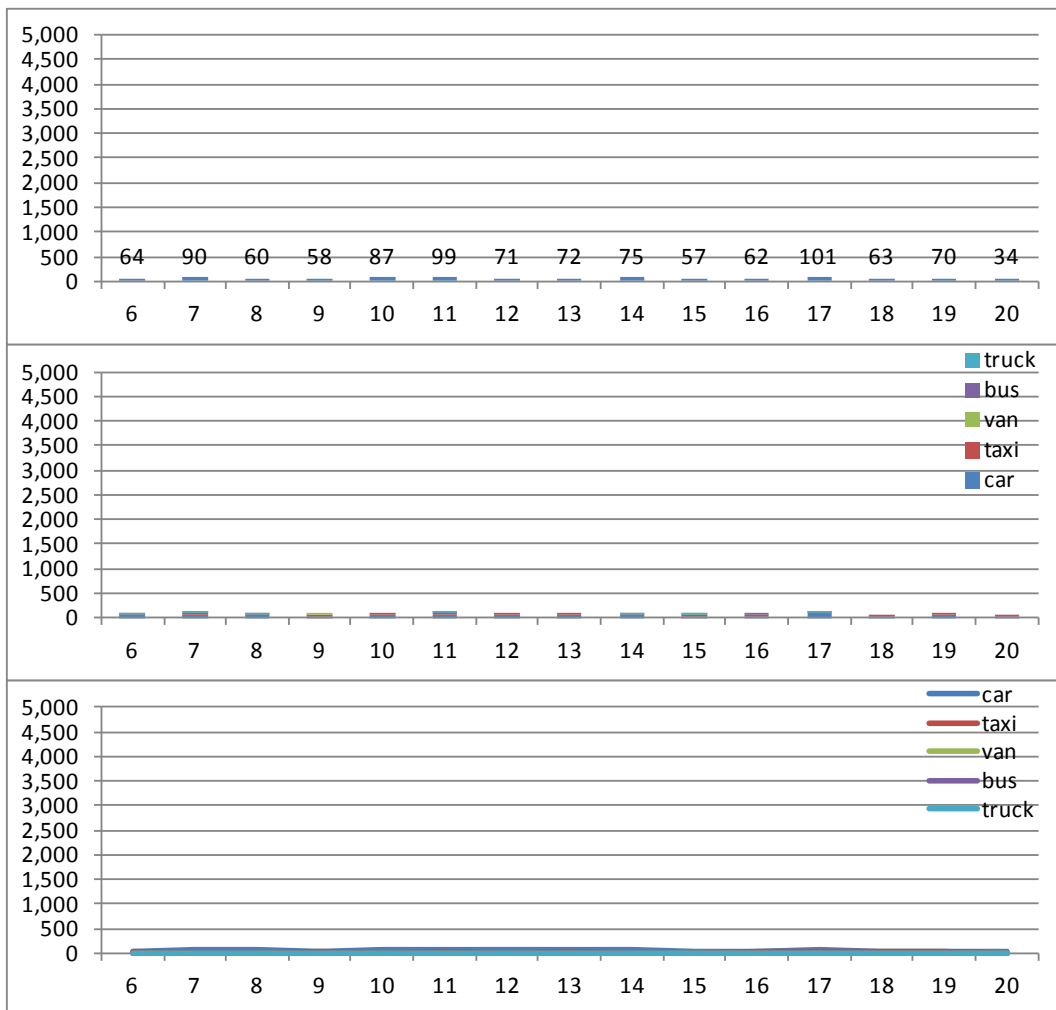


Flow 7.15





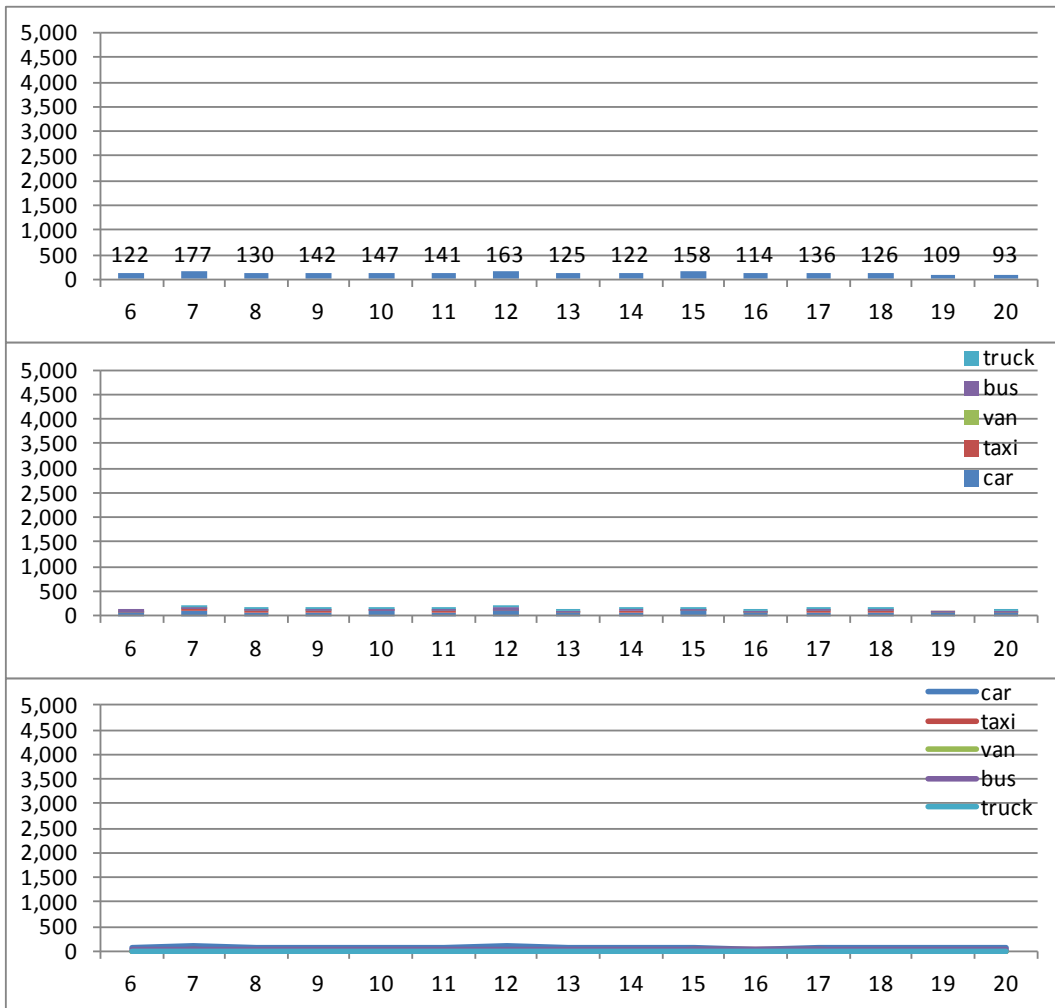
Flow 7.16



ii) Est. do Galeao – Linha Vermelha (North, South, East)

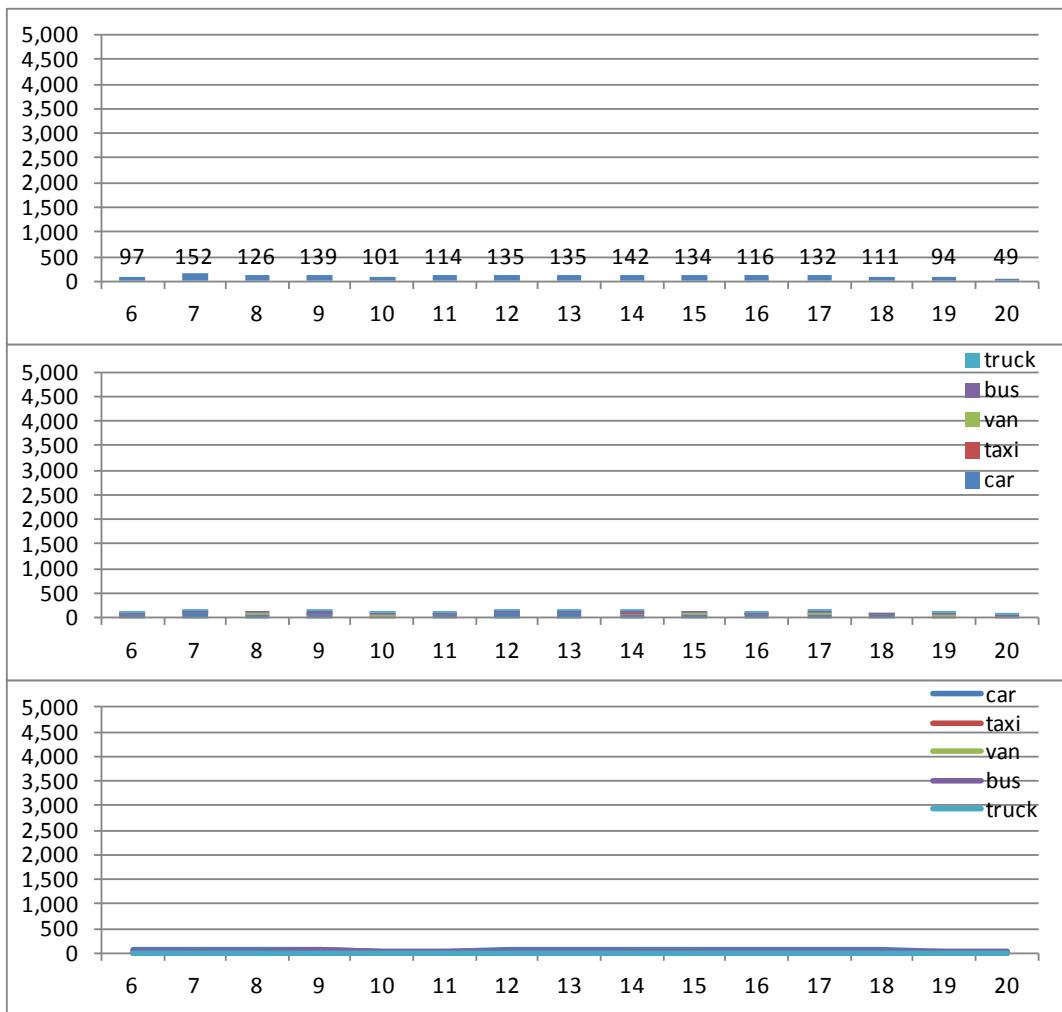


Flow 8.1



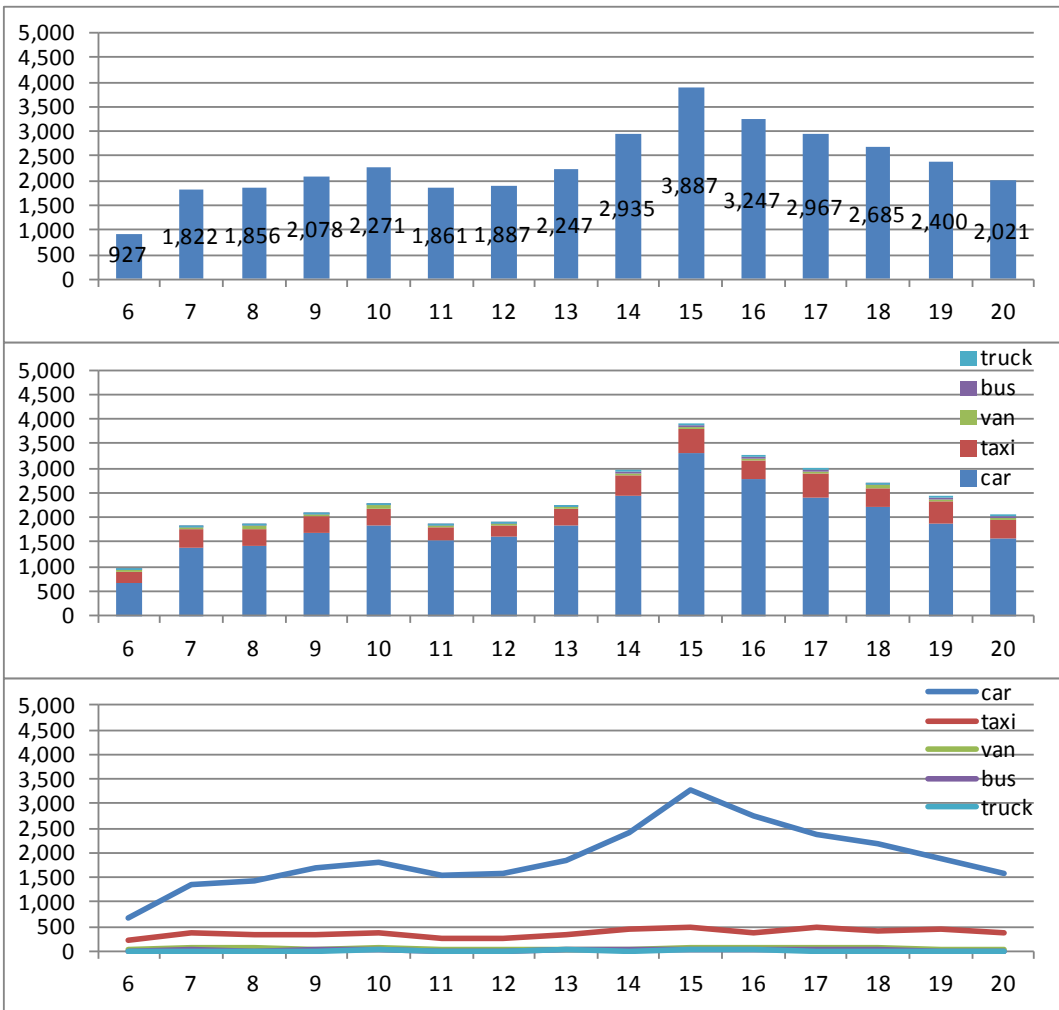


Flow 8.2



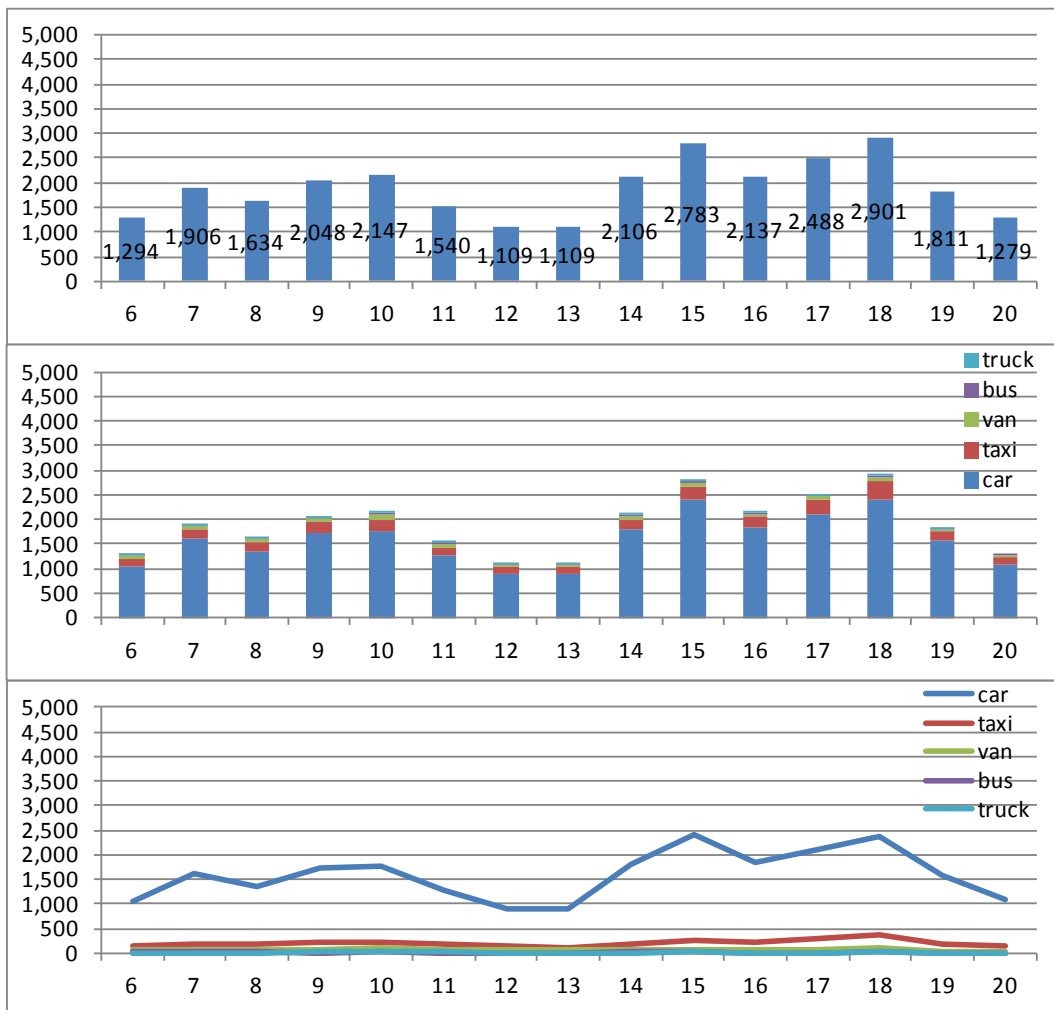


Flow 8.3



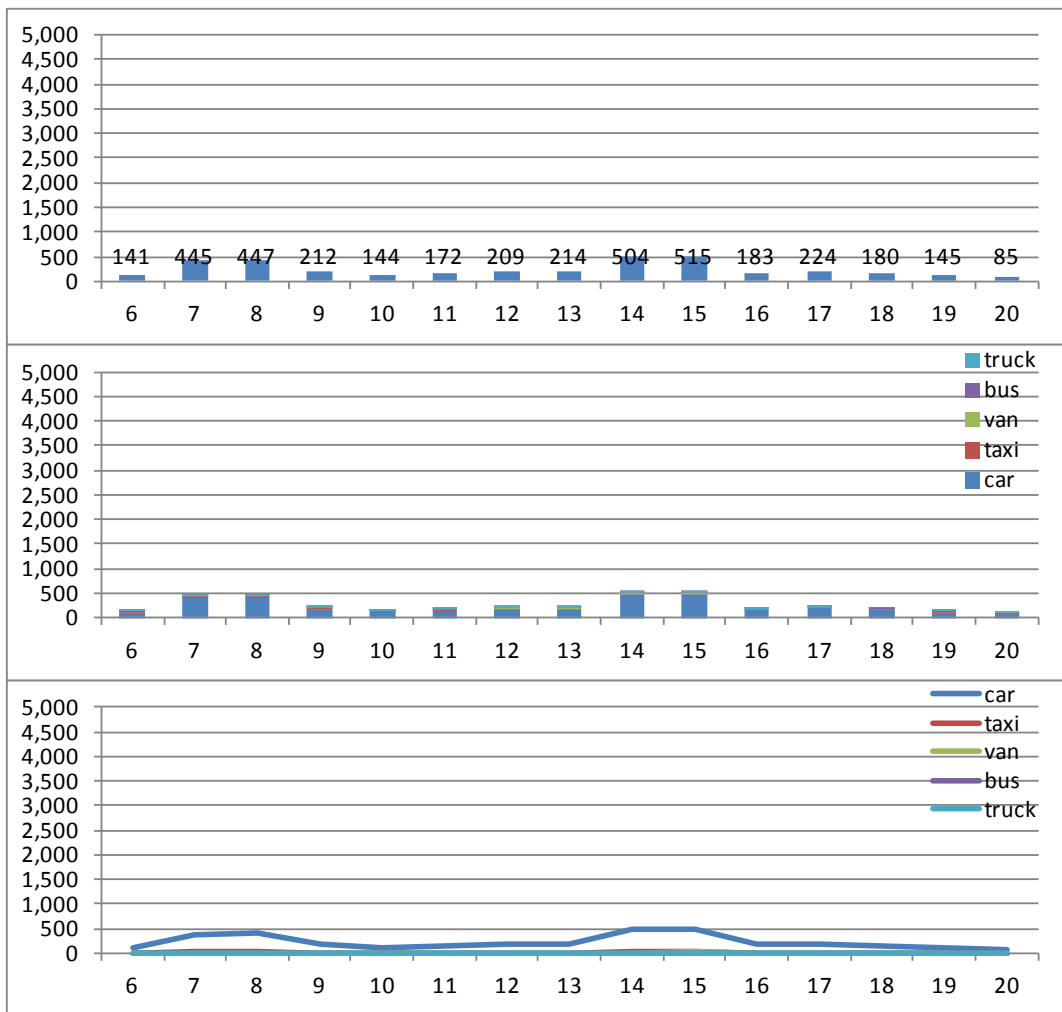


Flow 8.4



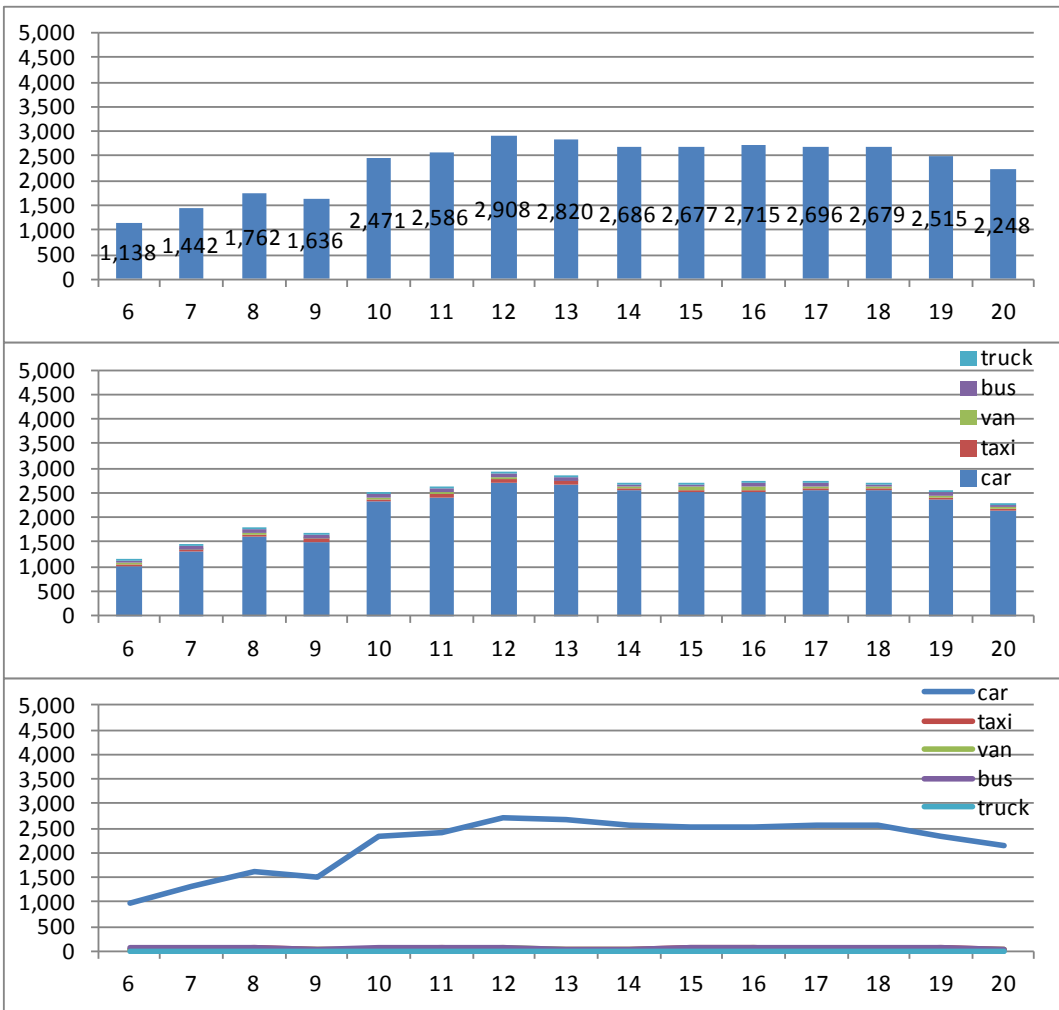


Flow 8.5



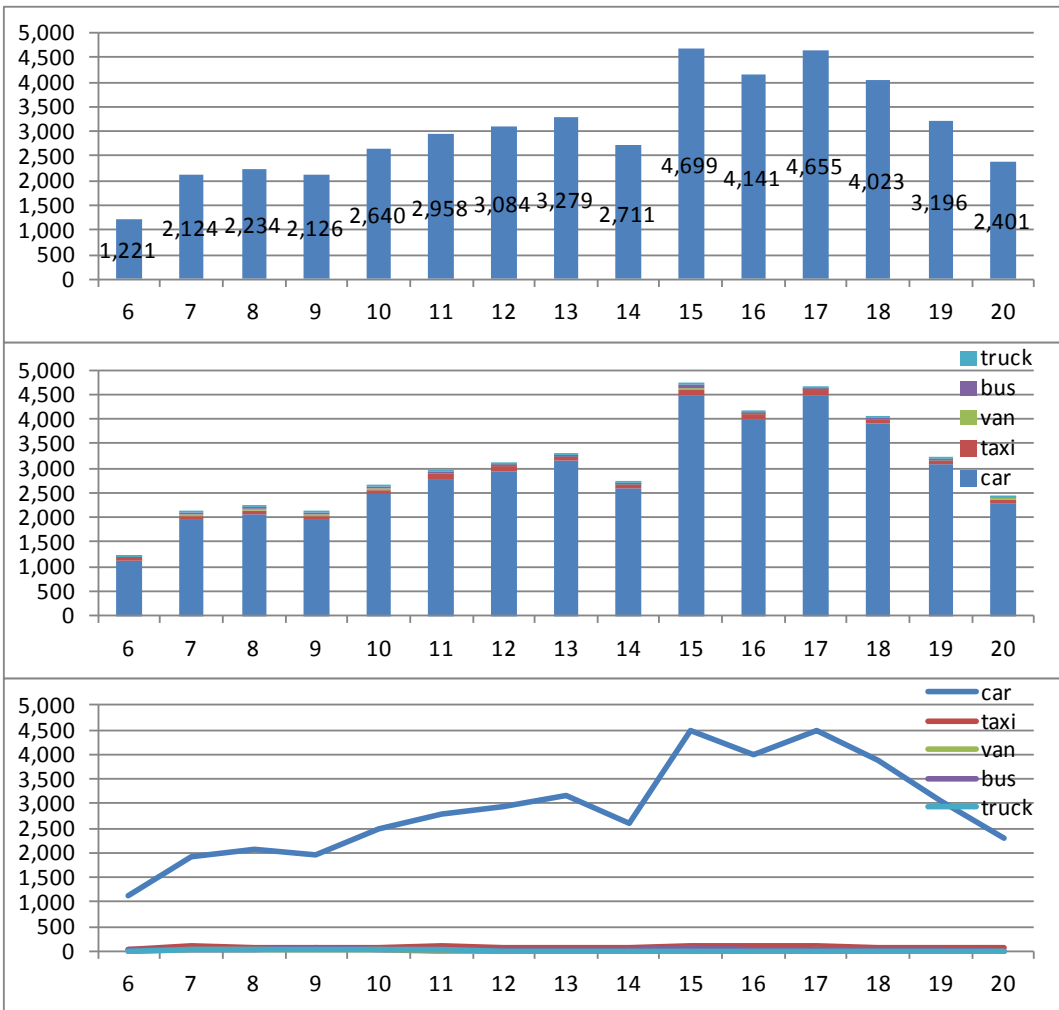


Flow 8.6





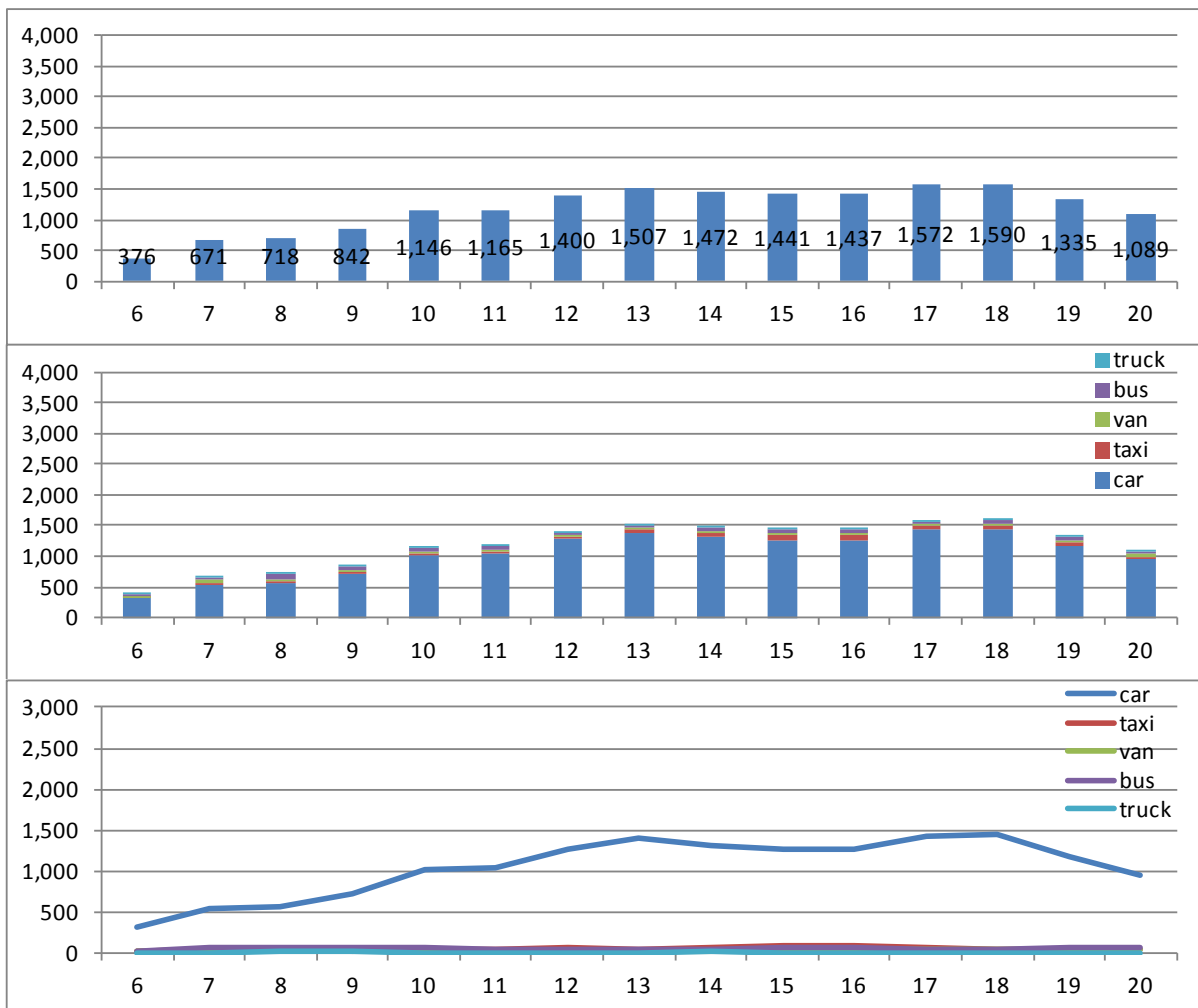
Flow 8.7



iii) Av. das Americas - Av. Ayrton Senna (North, East, West)

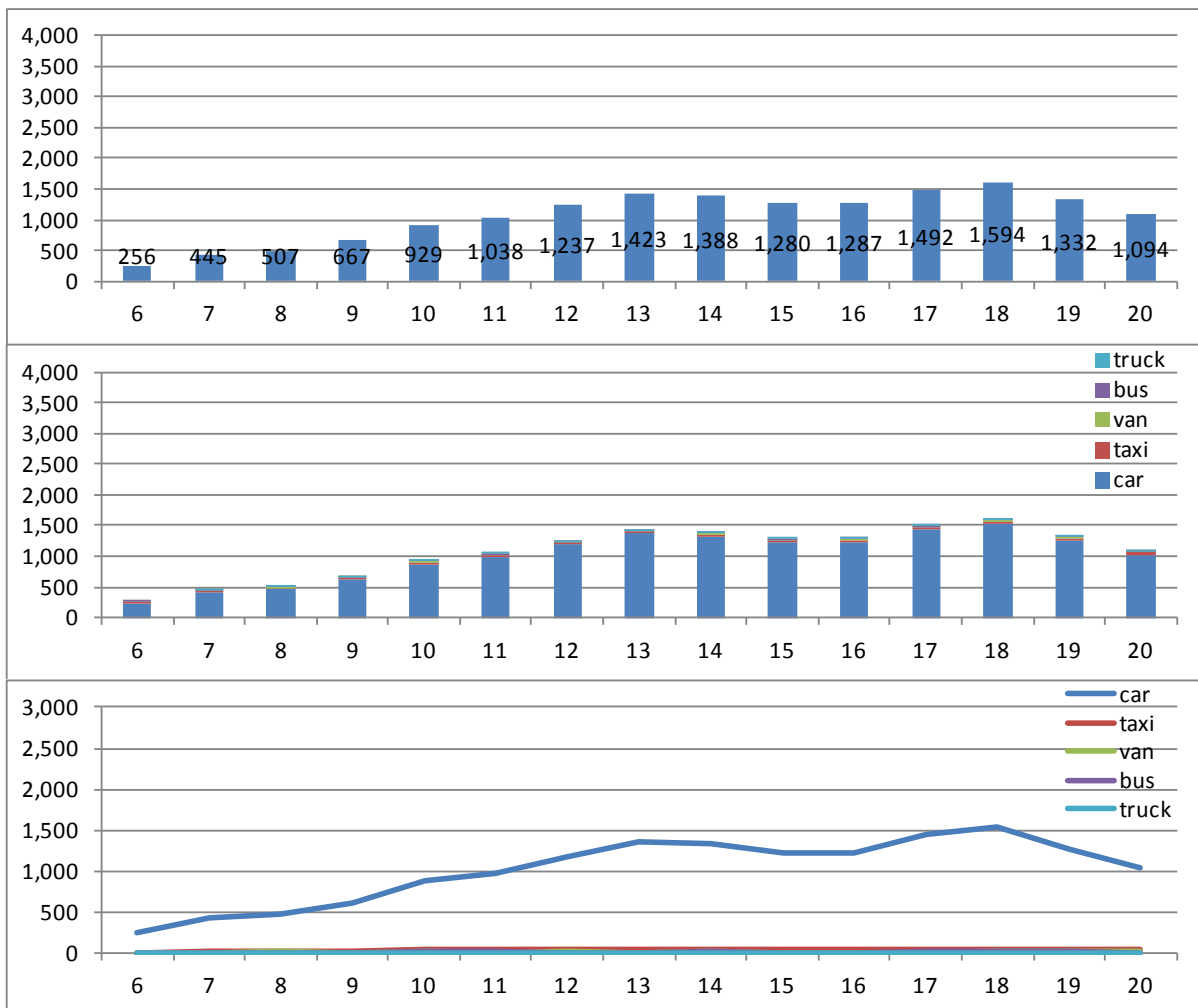


Flow 9.1



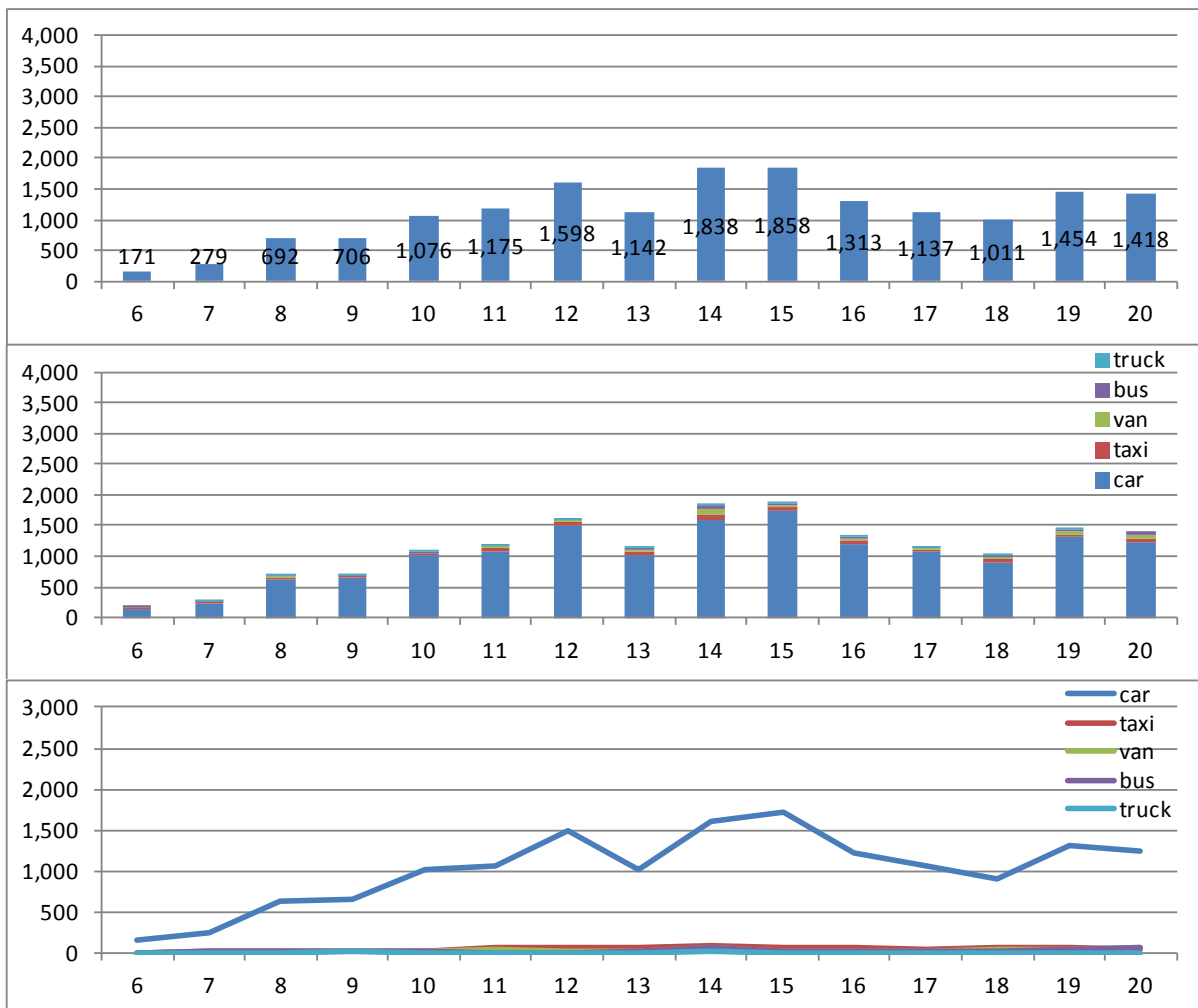


Flow 9.2



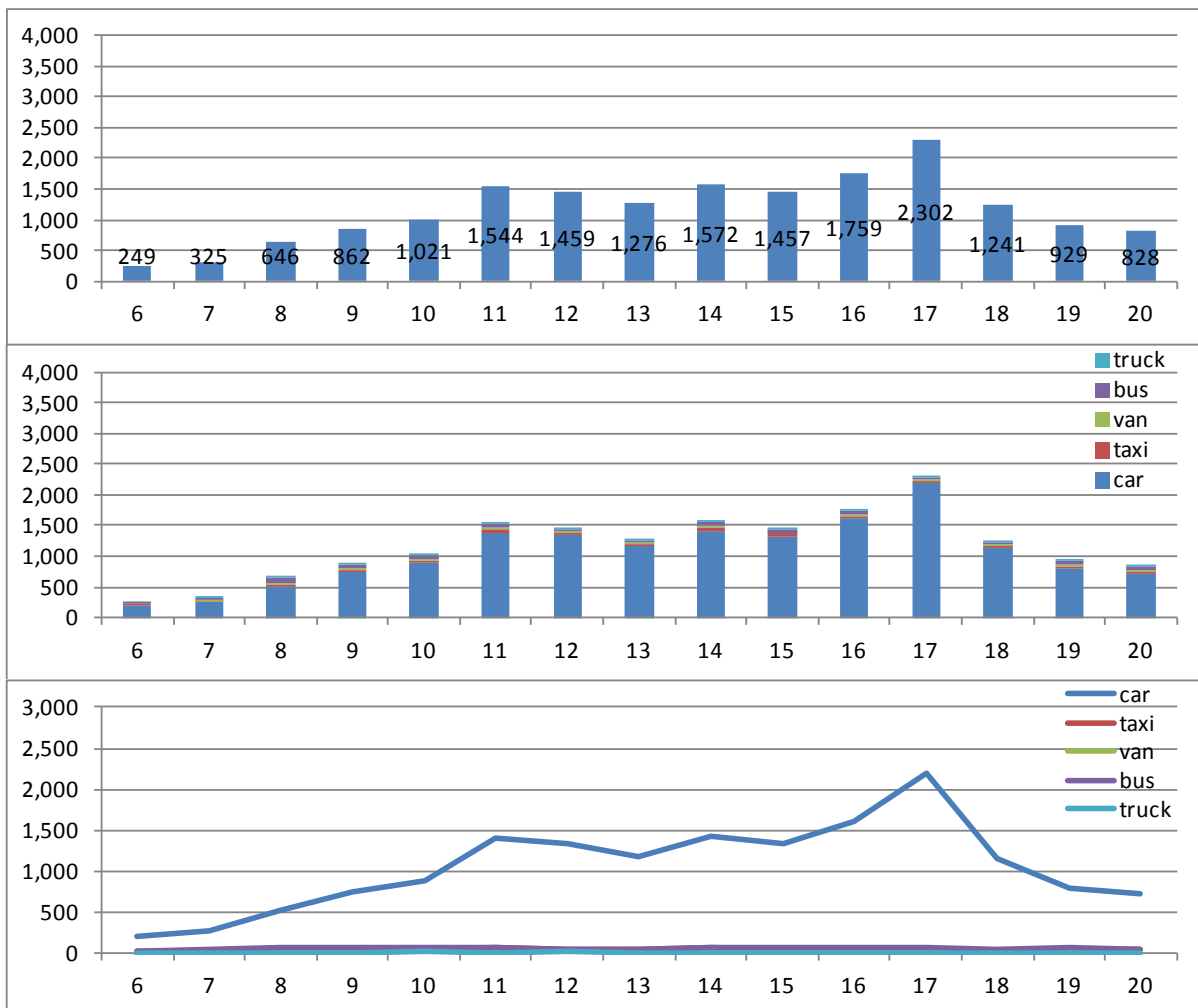


Flow 9.3



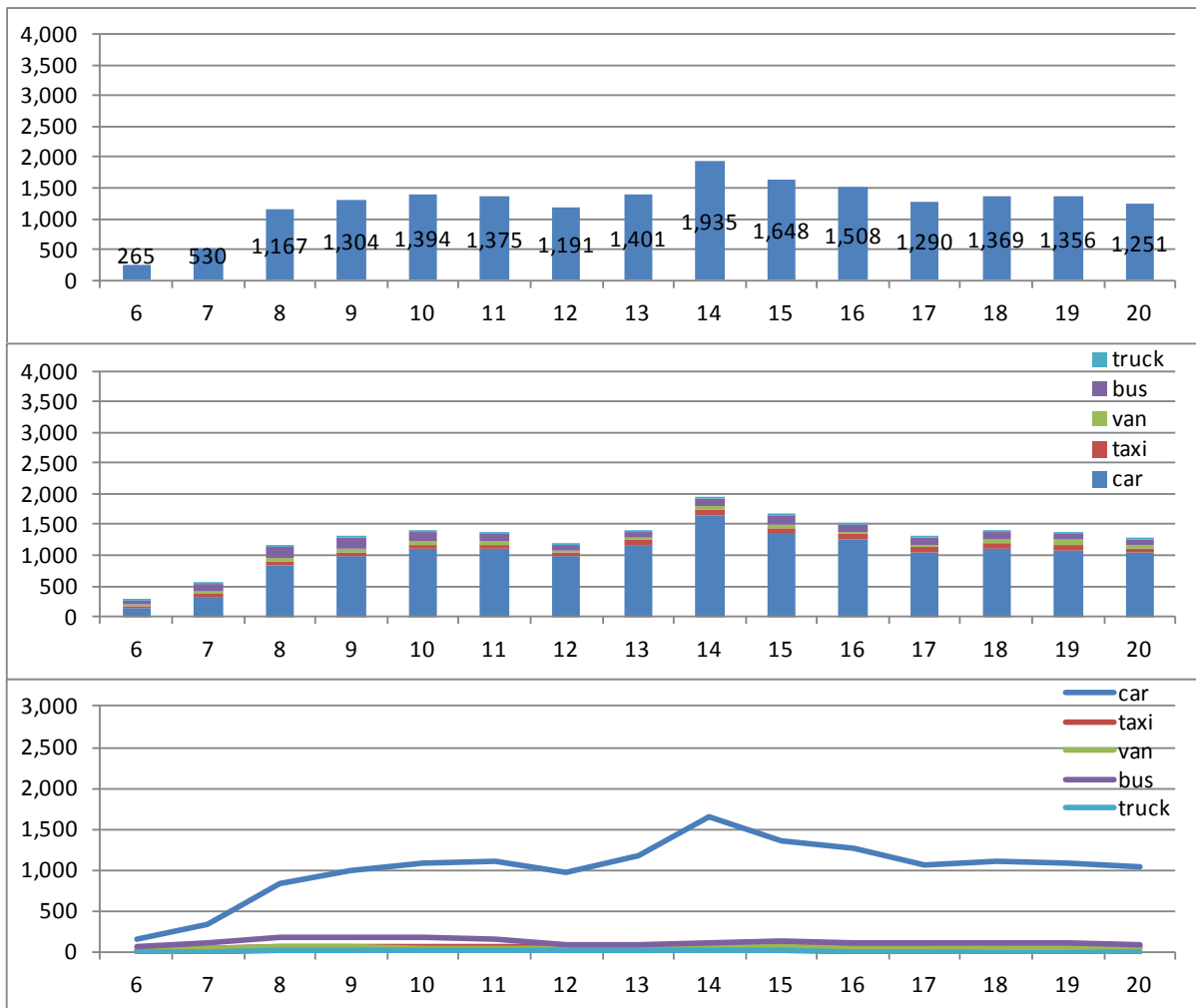


Flow 9.4



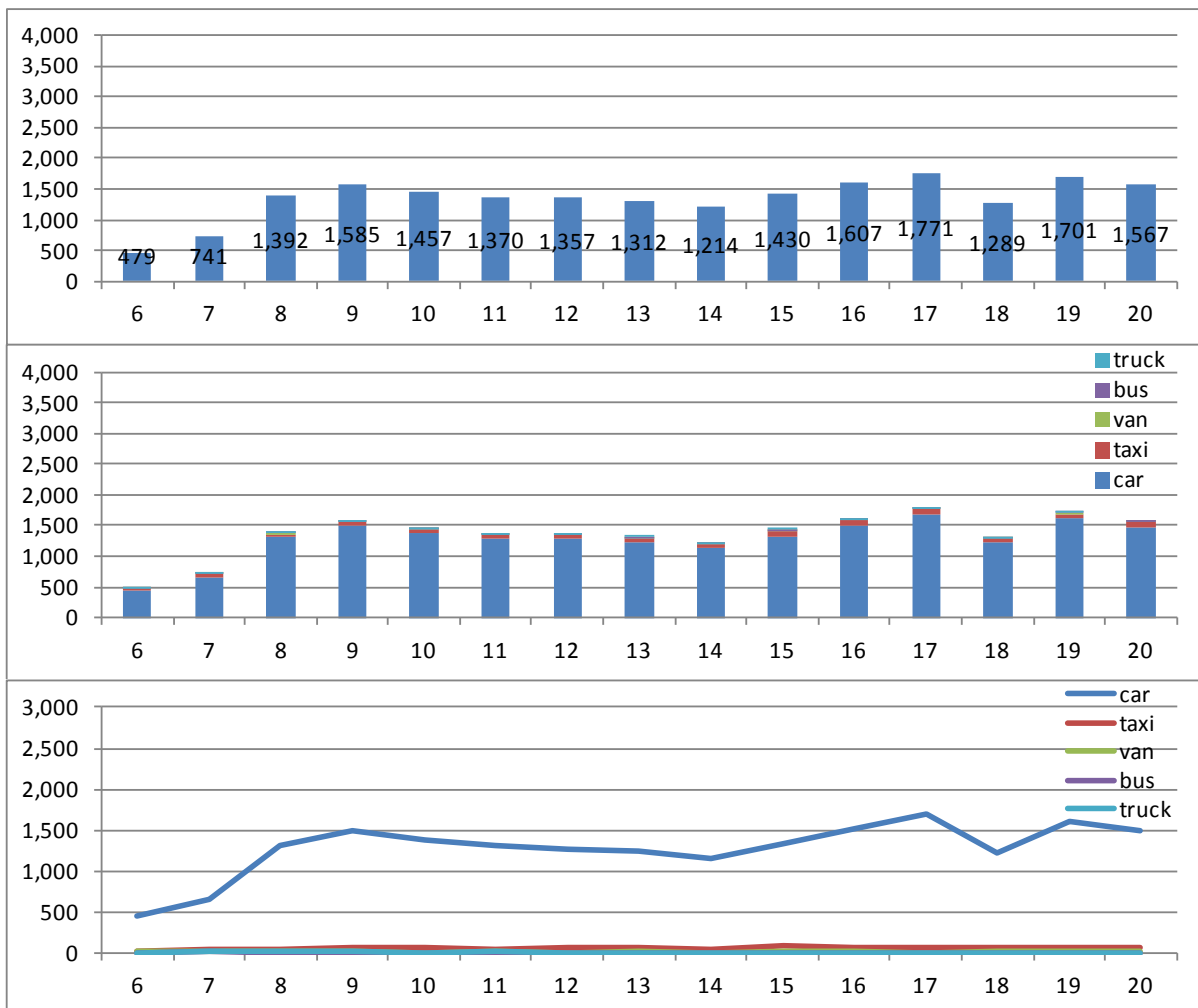


Flow 9.5



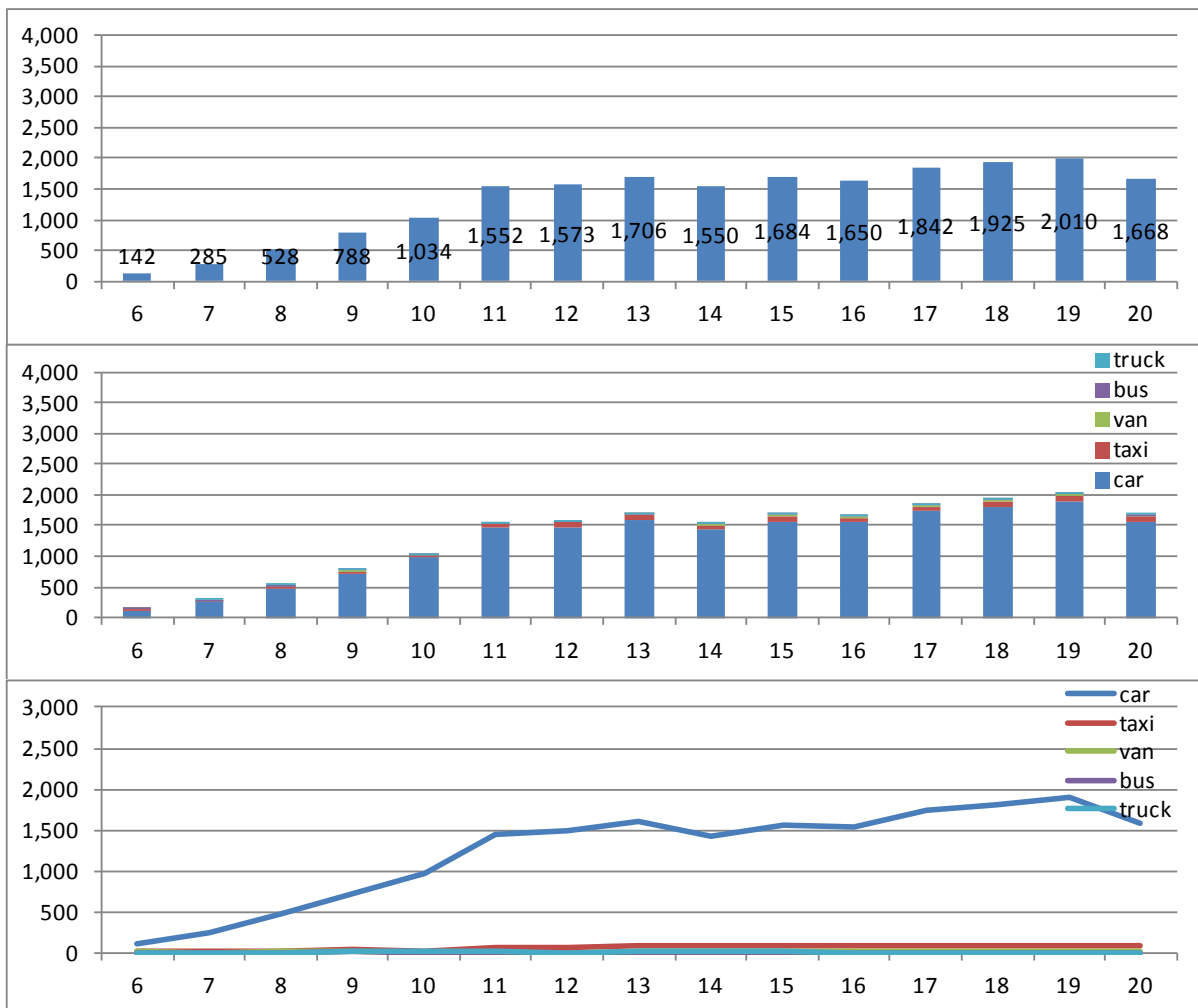


Flow 9.6



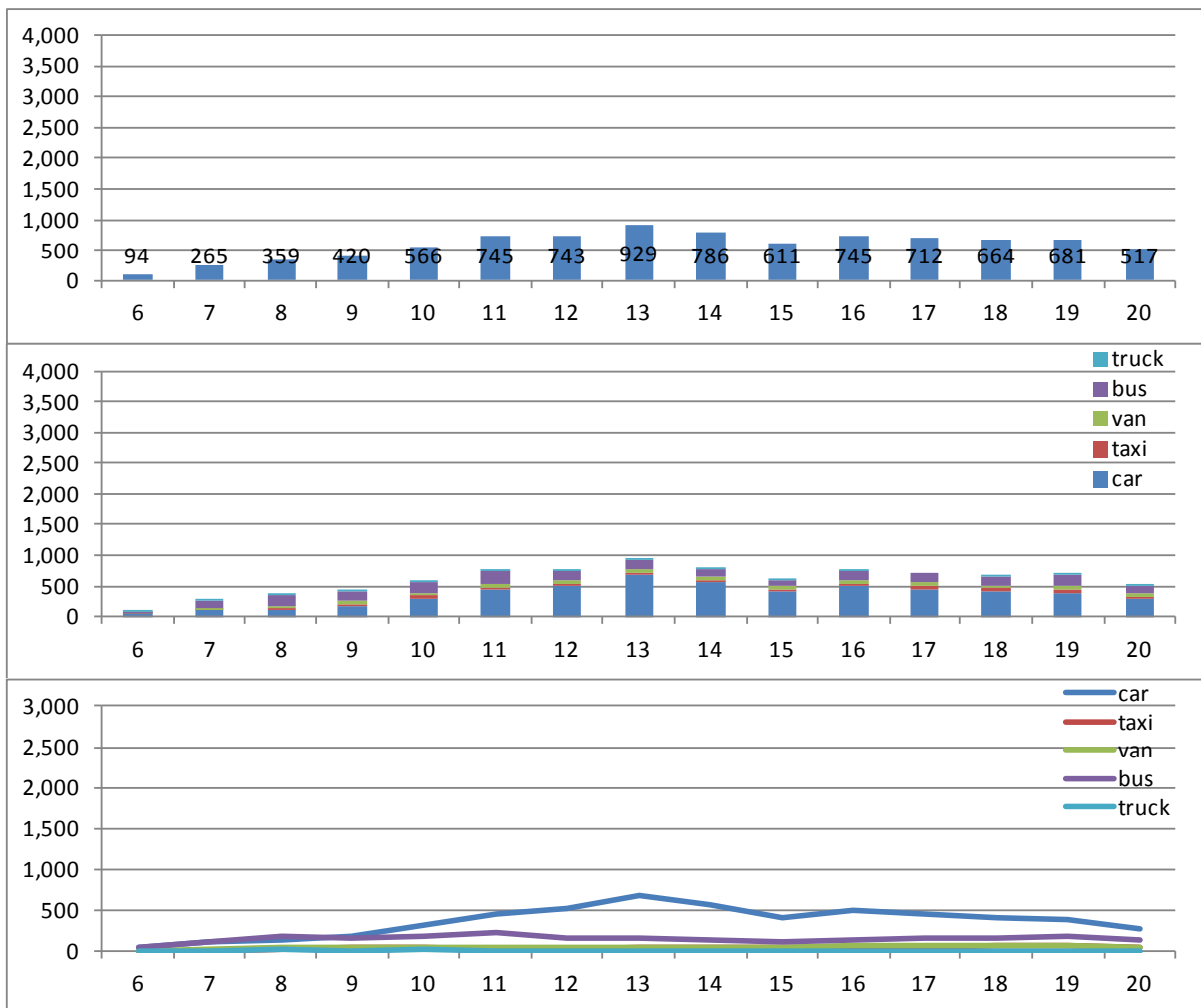


Flow 9.7



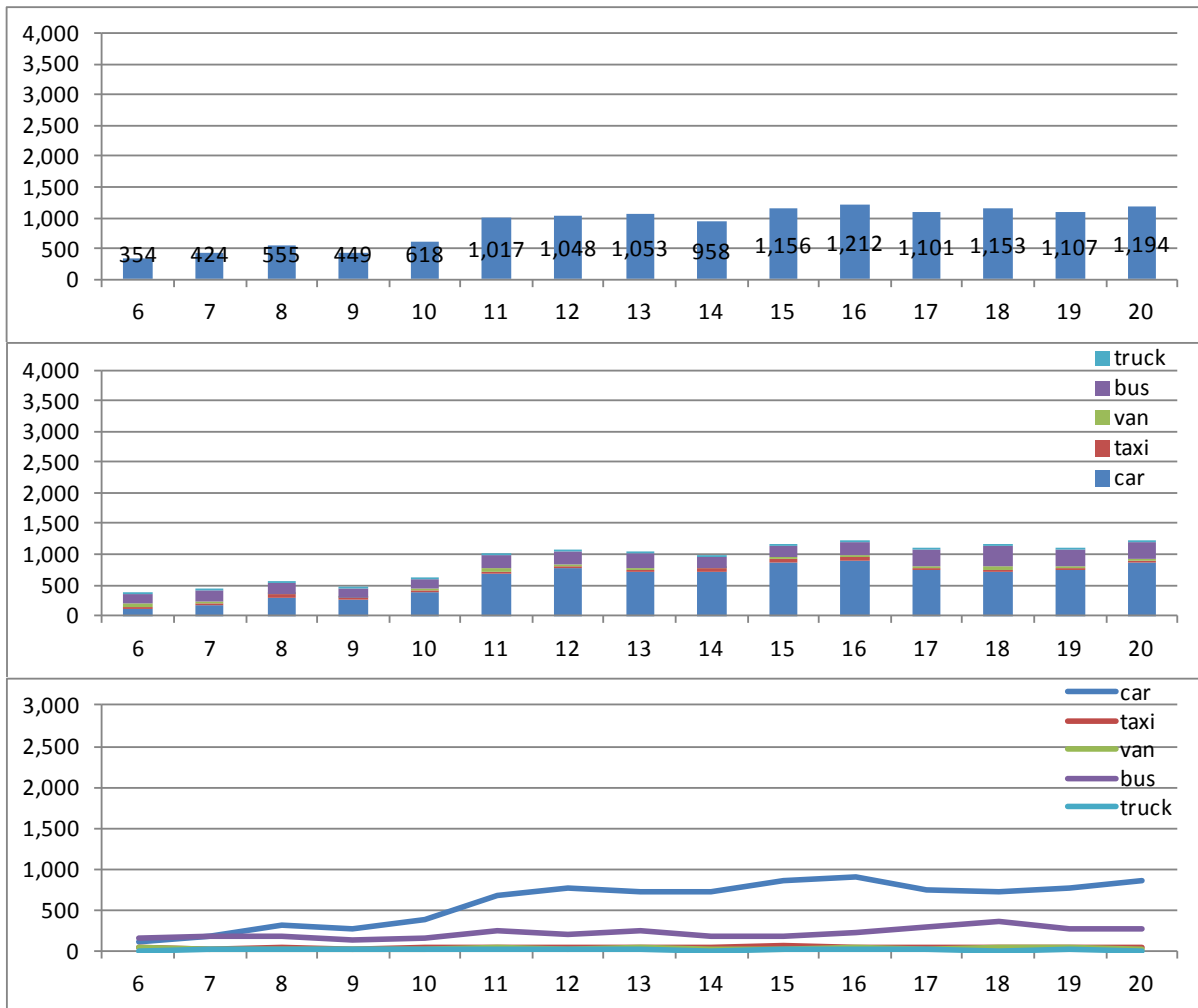


Flow 9.8



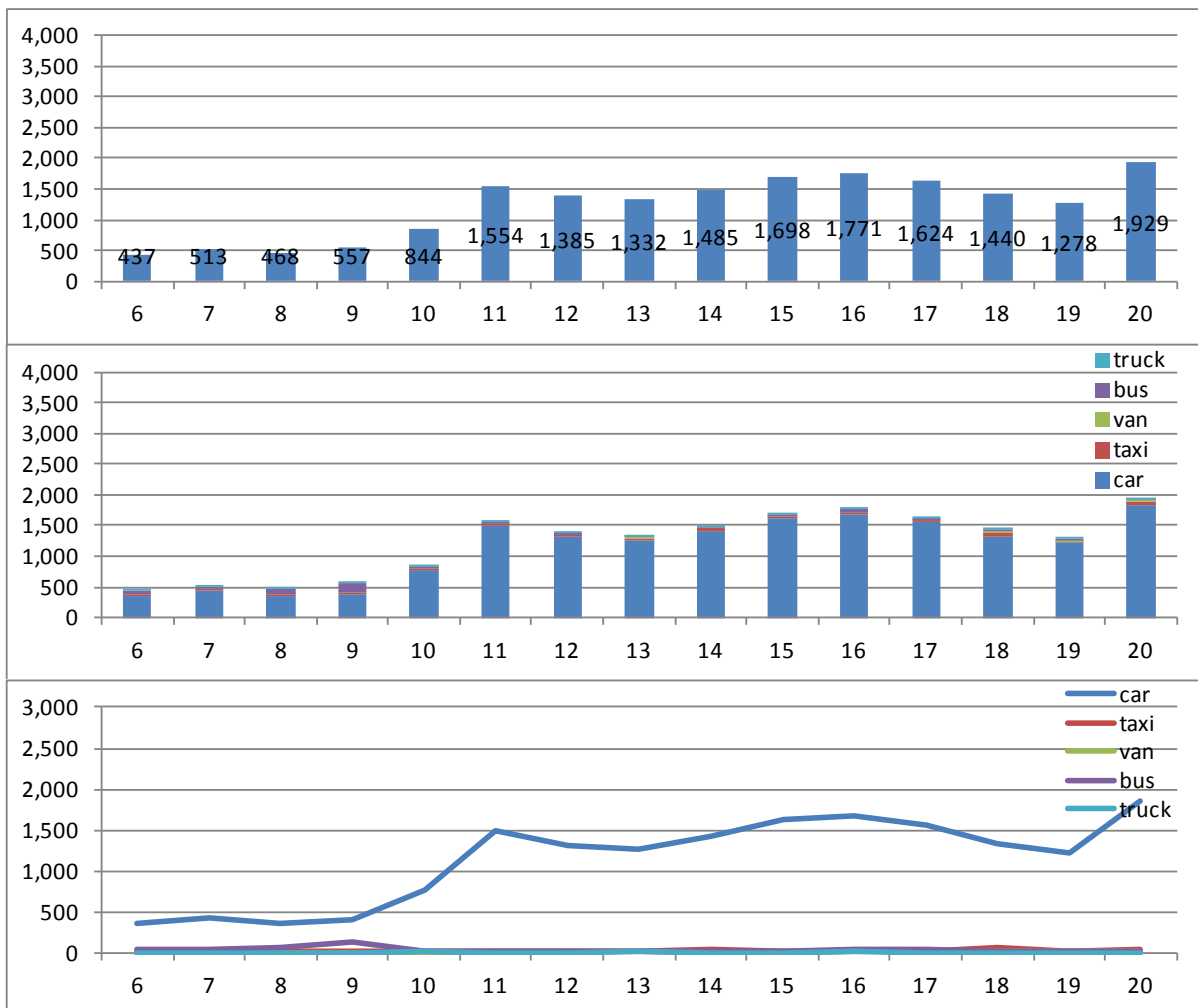


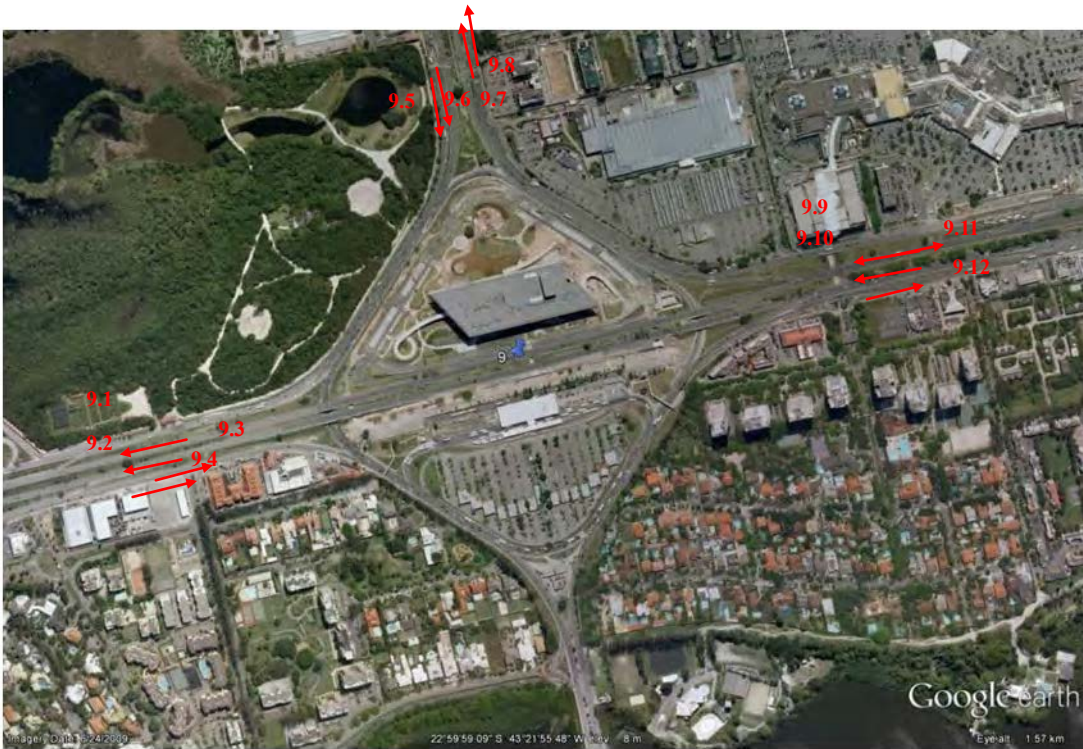
Flow 9.9



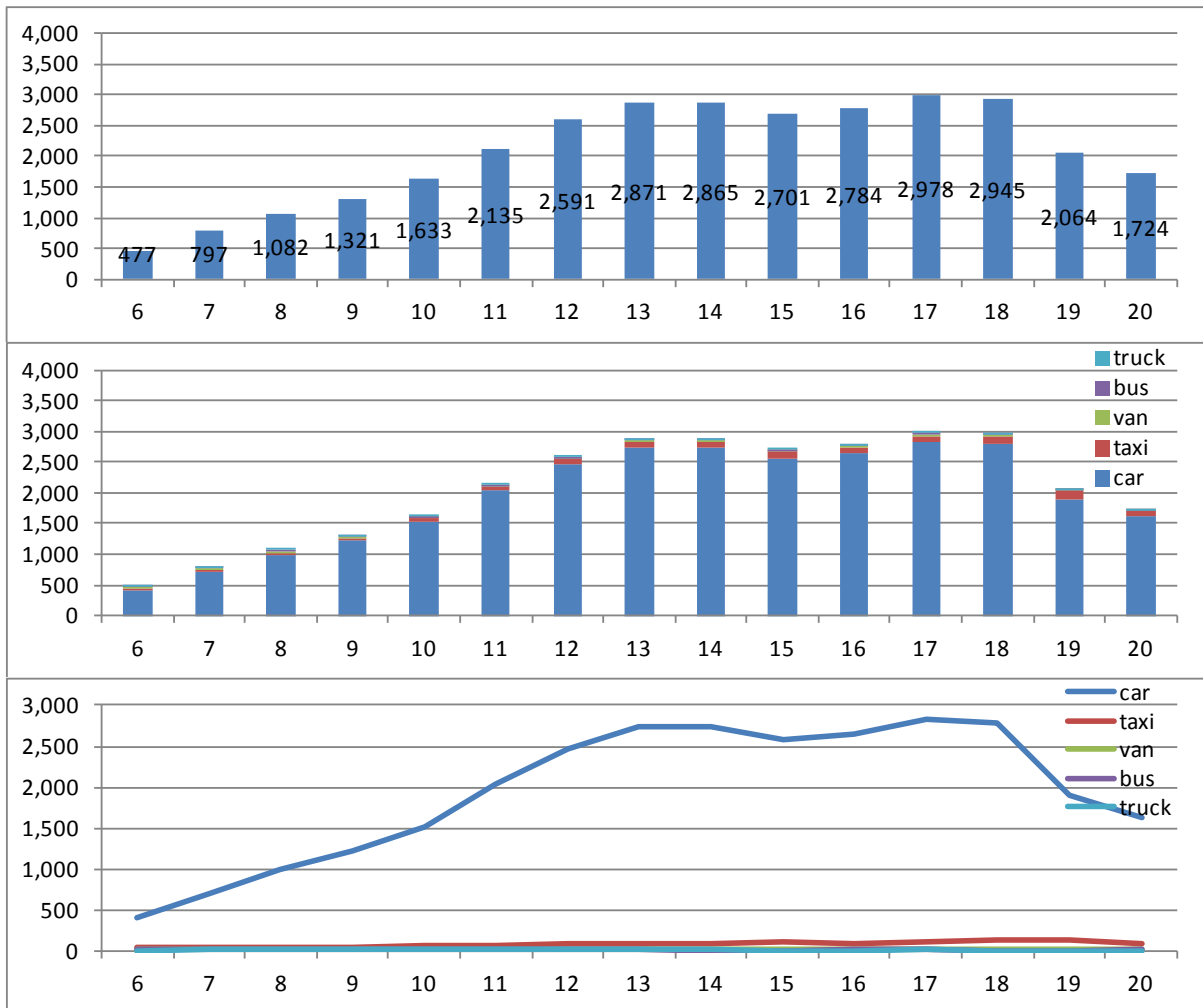


Flow 9.10



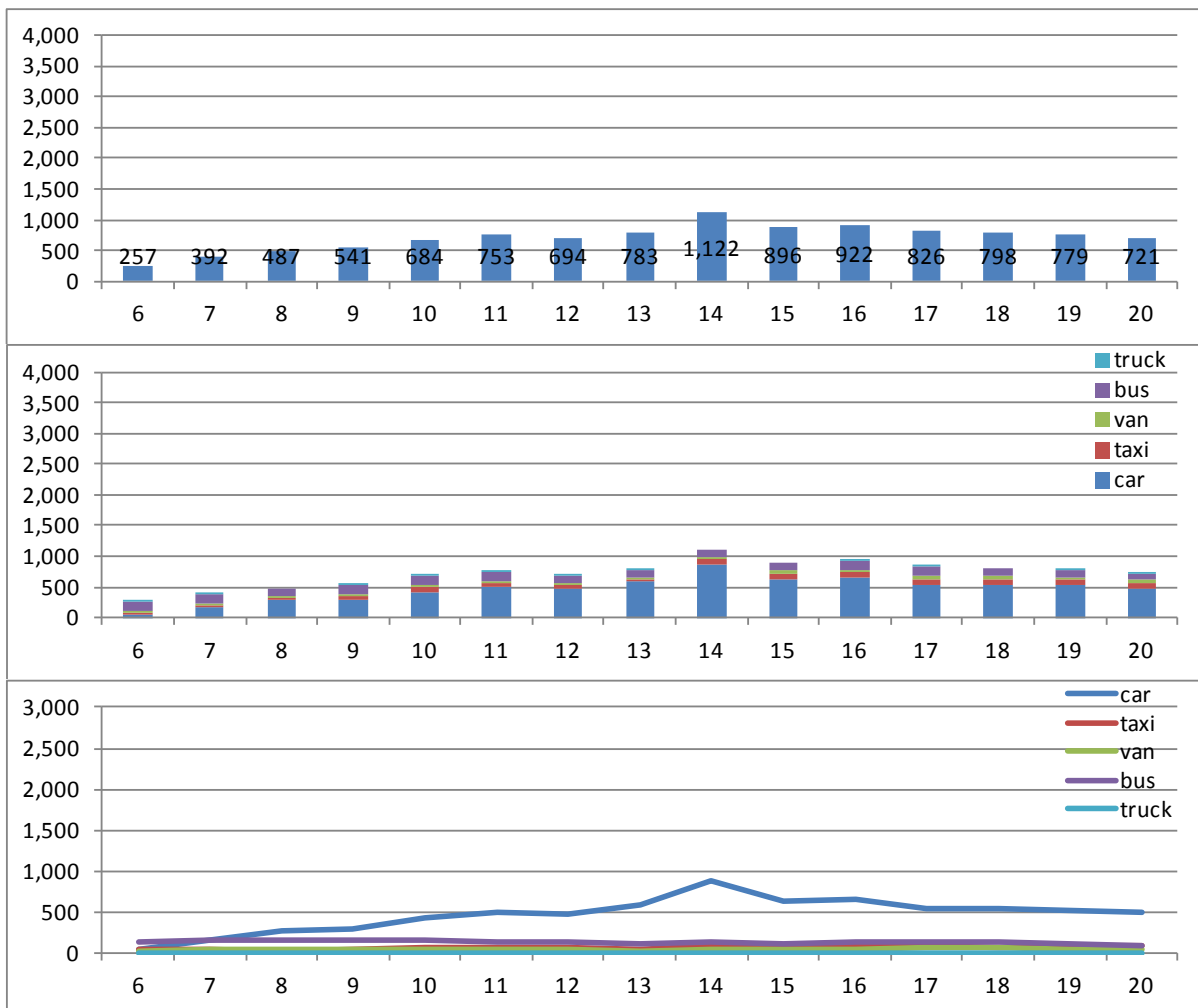


Flow 9.11





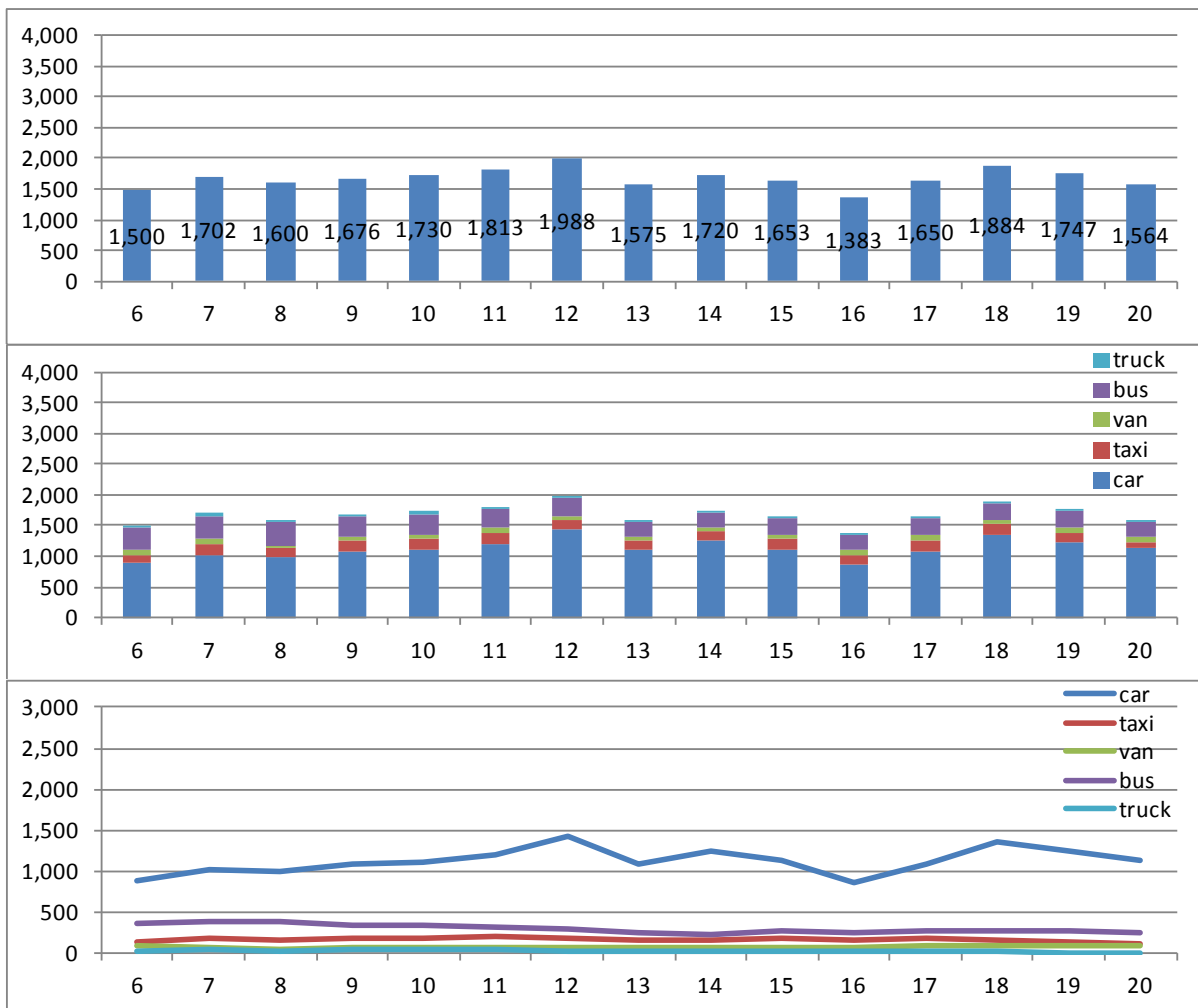
Flow 9.12



iv) Av. Brasil

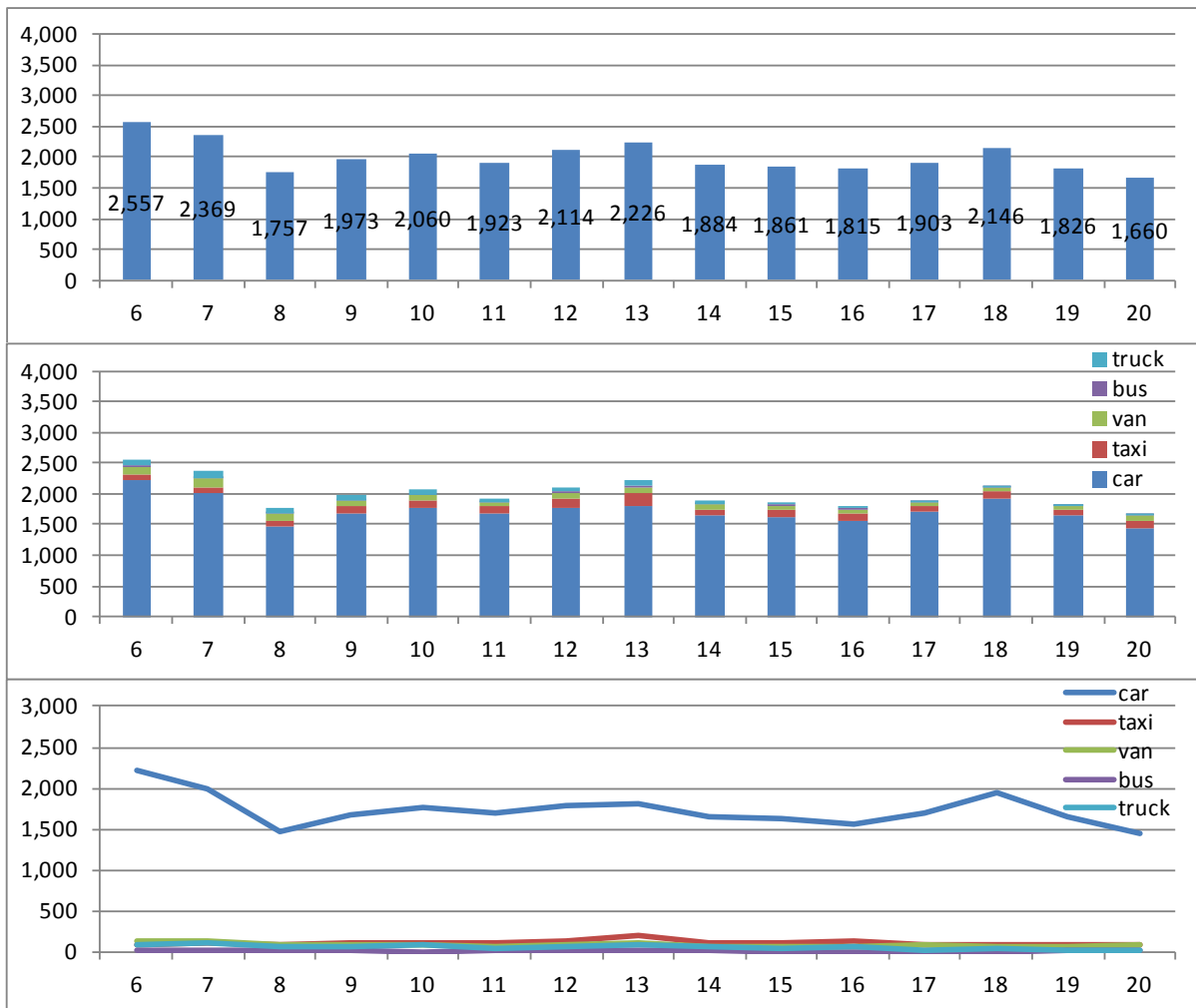


Flow 10.1



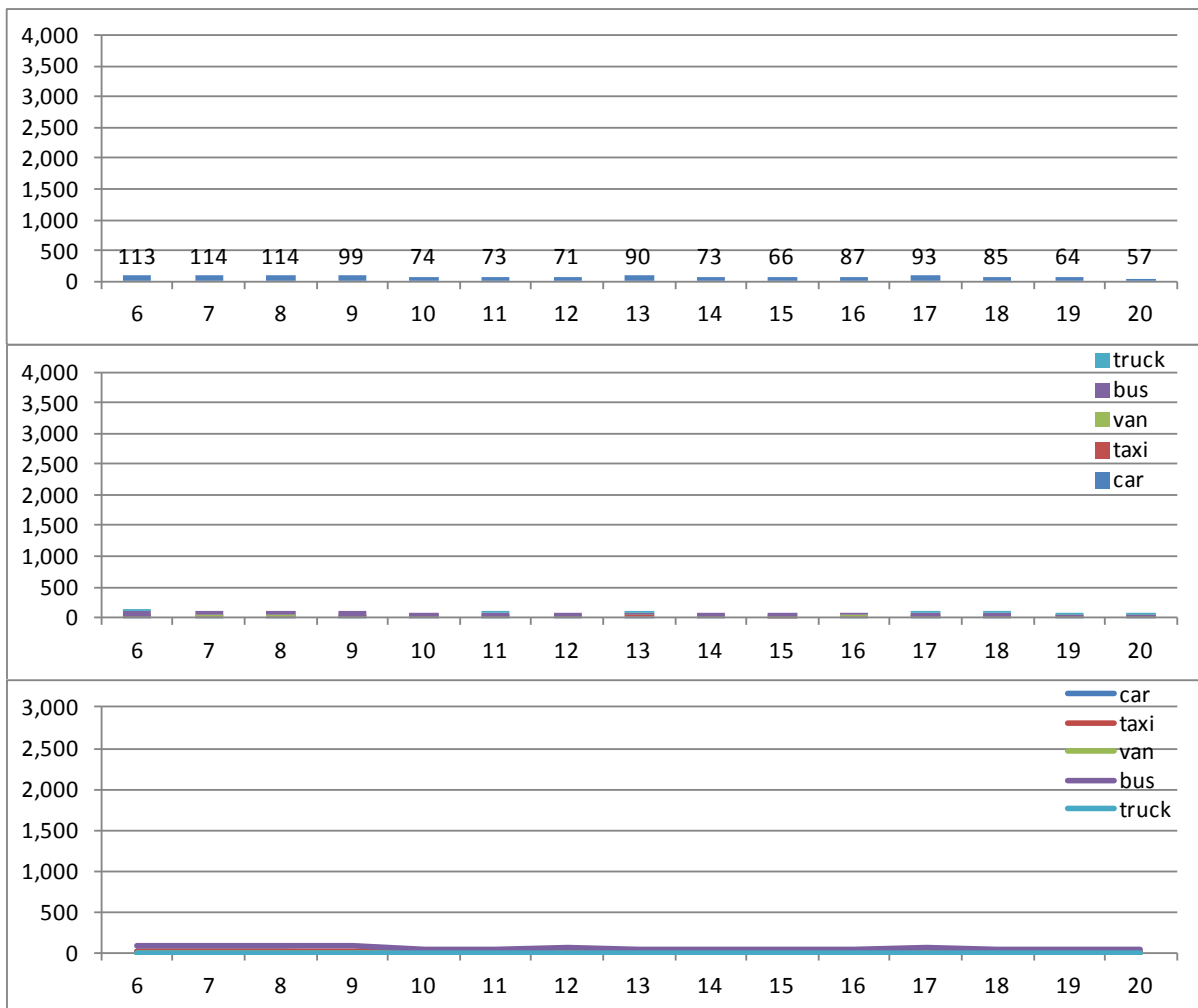


Flow 10.2



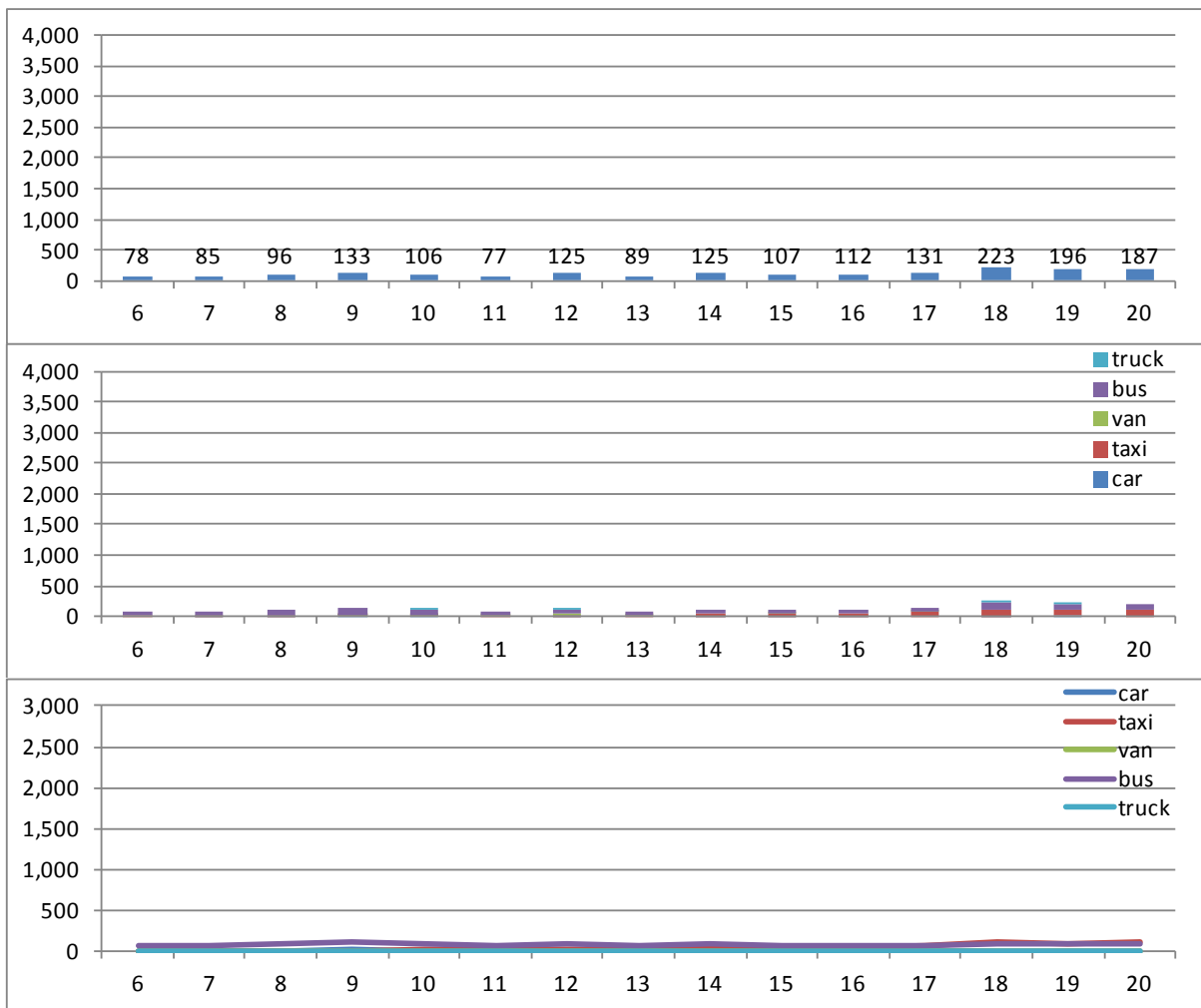


Flow 10.3



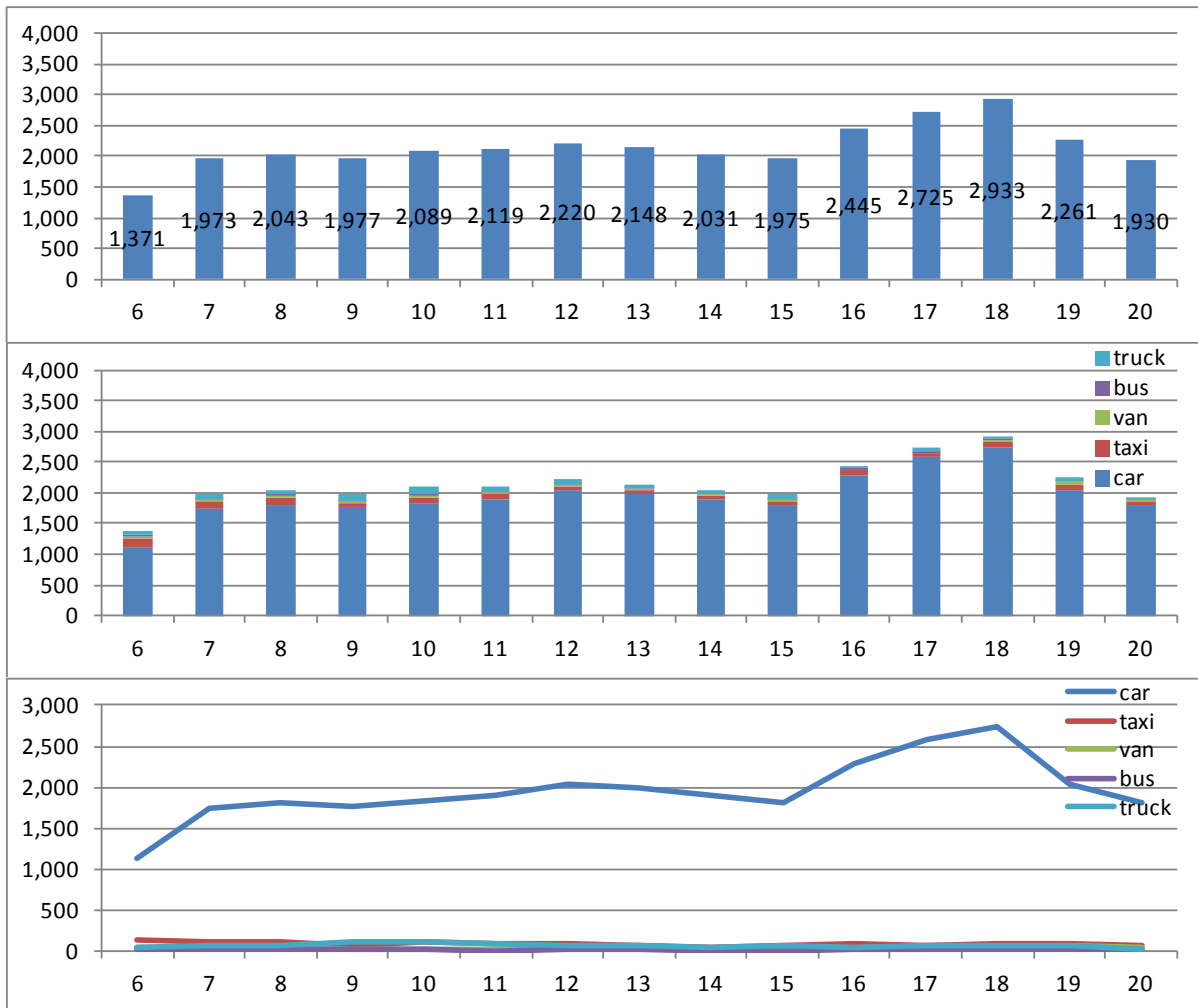


Flow 10.4



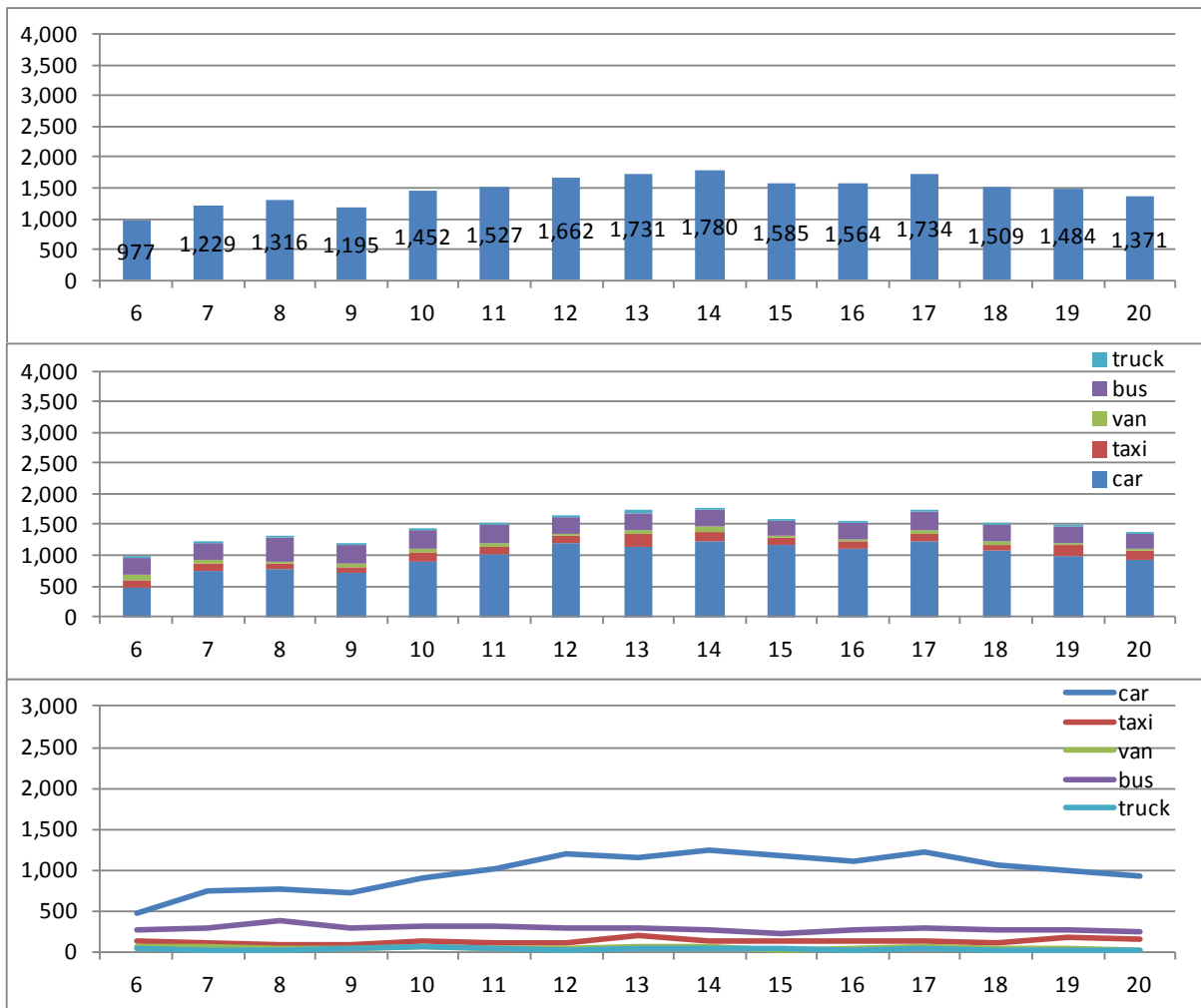


Flow 10.5



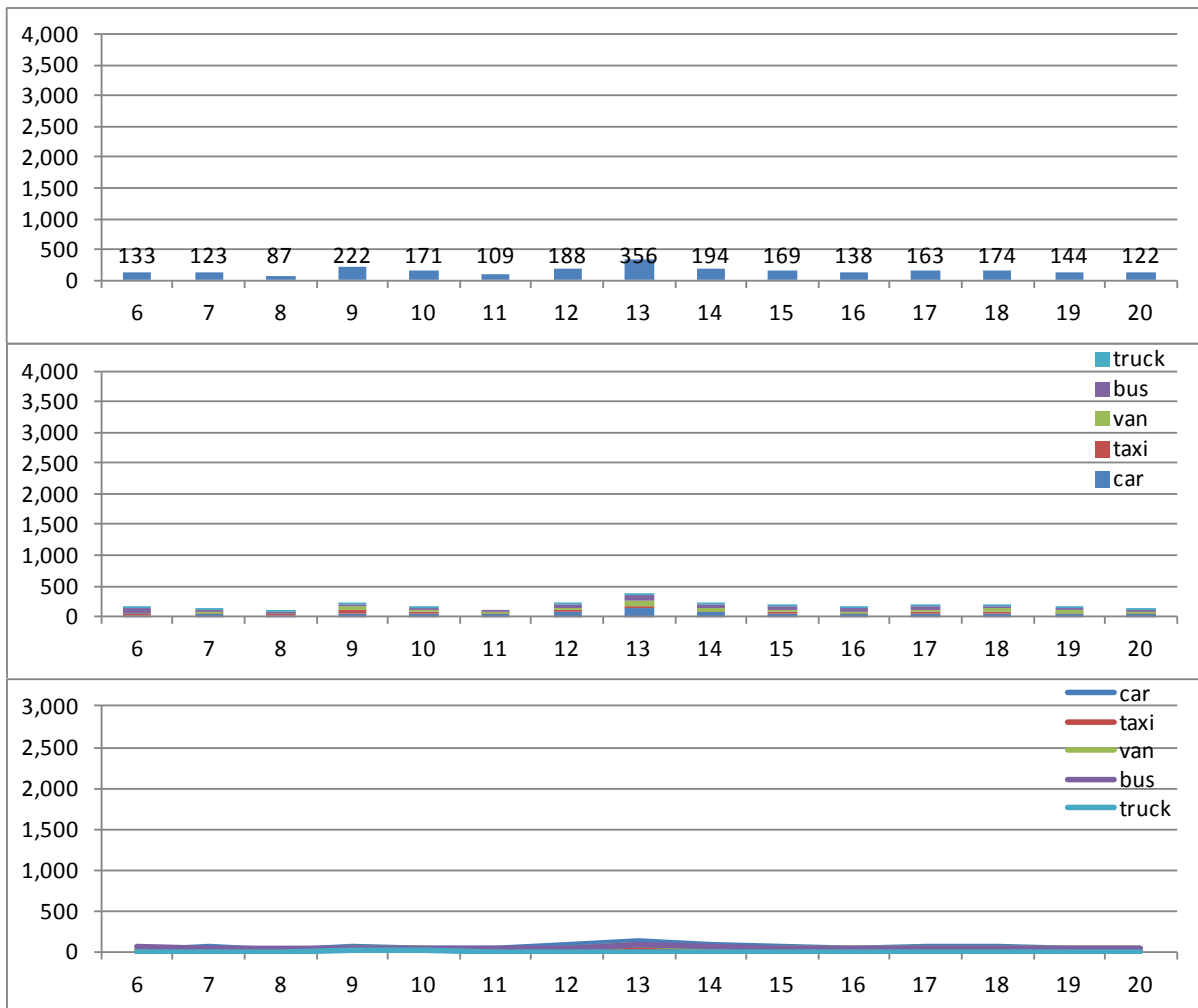


Flow 10.6





Flow 10.7

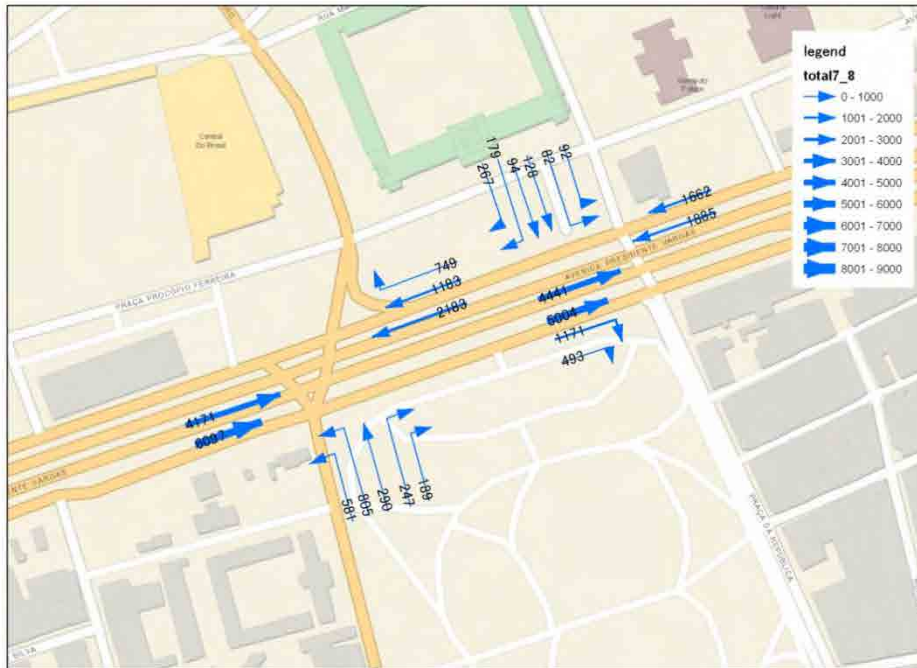


3) Movement

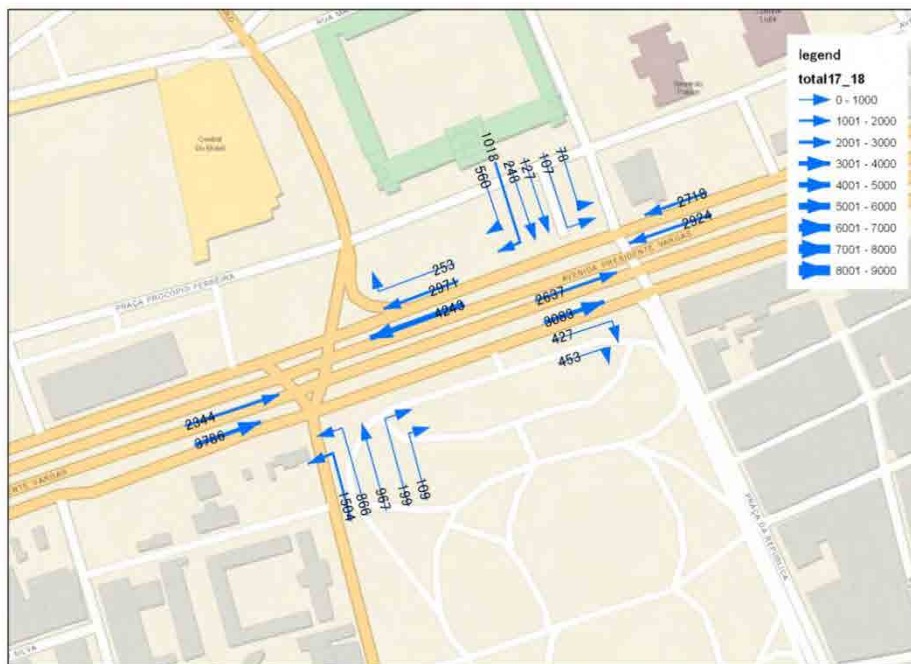
i) Central

Traffic flow along Av. Presidente Vargas around the Central Station (Central do Brasil) is shown in Figure 2-27 below. During the morning peak, eastbound traffic is dominant while during the evening peak, westbound traffic increases. The tendency of traffic direction is clearer during the morning peak.

[Weekday, 7:00 – 9:00 a.m.]



[Weekday, 5:00 – 7:00 p.m.]



Source: JICA Study Team

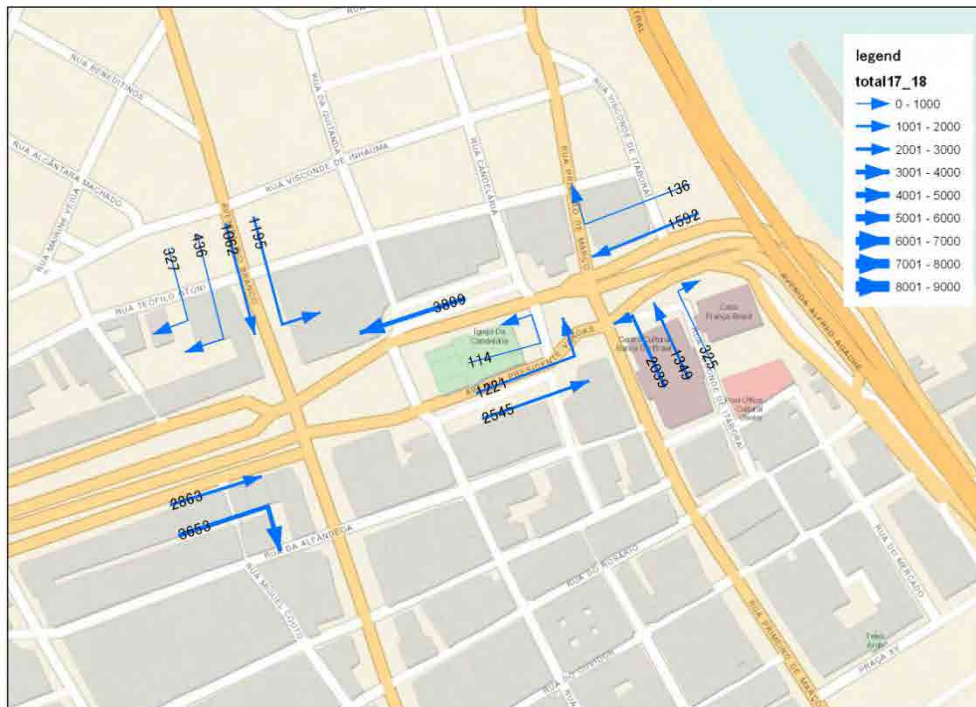
ii) **Rio Branco**

The traffic flows at the intersection of Av. Presidente Vargas and Av. Rio Branco, and at the intersection of Av. Presidente Vargas and Rua Primeiro de Marco are shown in Figure 2-28 below. During the morning peak, eastbound and southbound traffic are dominant. On the other hand, the tendency of traffic direction is not obvious during the evening peak.

[Weekday, 7:00 – 9:00 a.m.]



[Weekday, 5:00 – 7:00 p.m.]

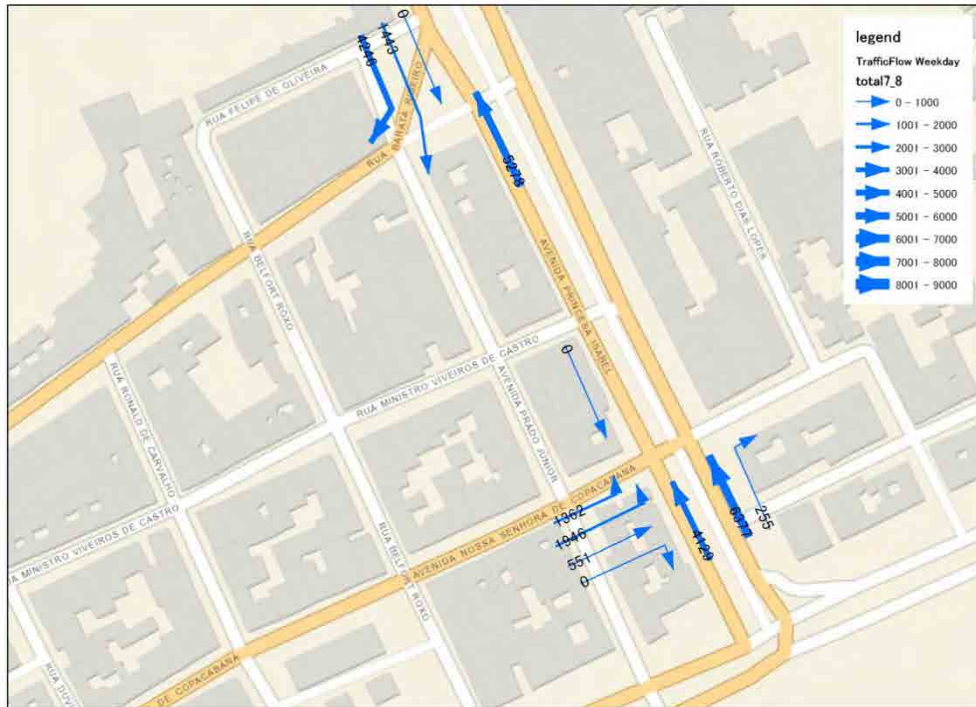


Source: JICA Study Team

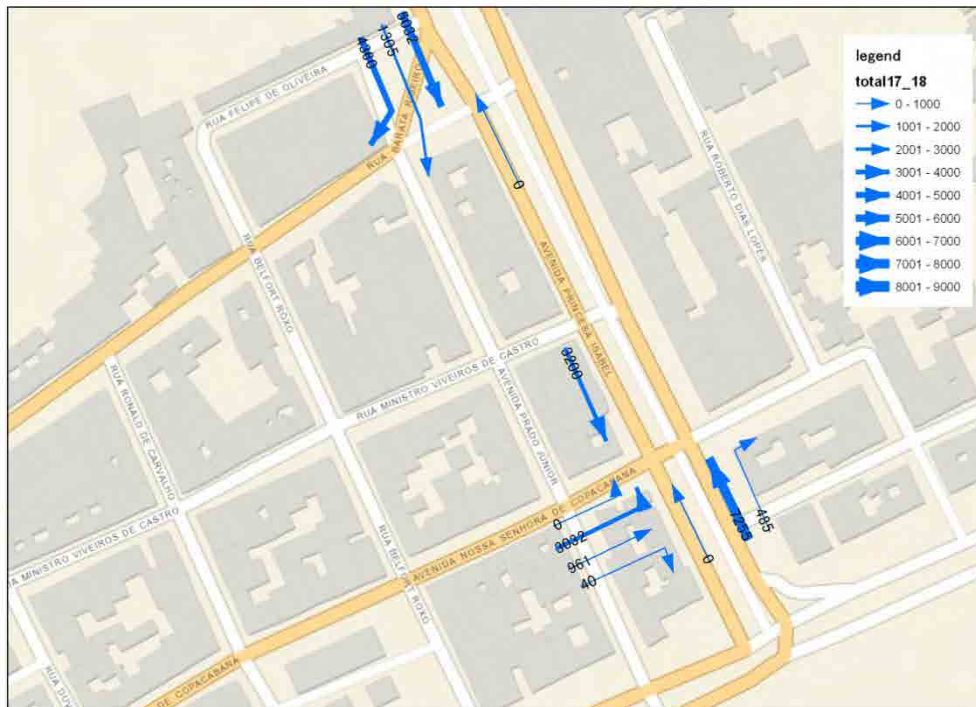
iii) Copacabana

The traffic flow at the intersection along Av. Princesa Isabel in Copacabana is shown in Figure 2-29 below. During the morning peak, the northbound traffic is dominant. This is the reason why reversible lane management was implemented along this road.

[Weekday, 7:00 – 9:00 a.m.]



[Weekday, 5:00 – 7:00 p.m.]

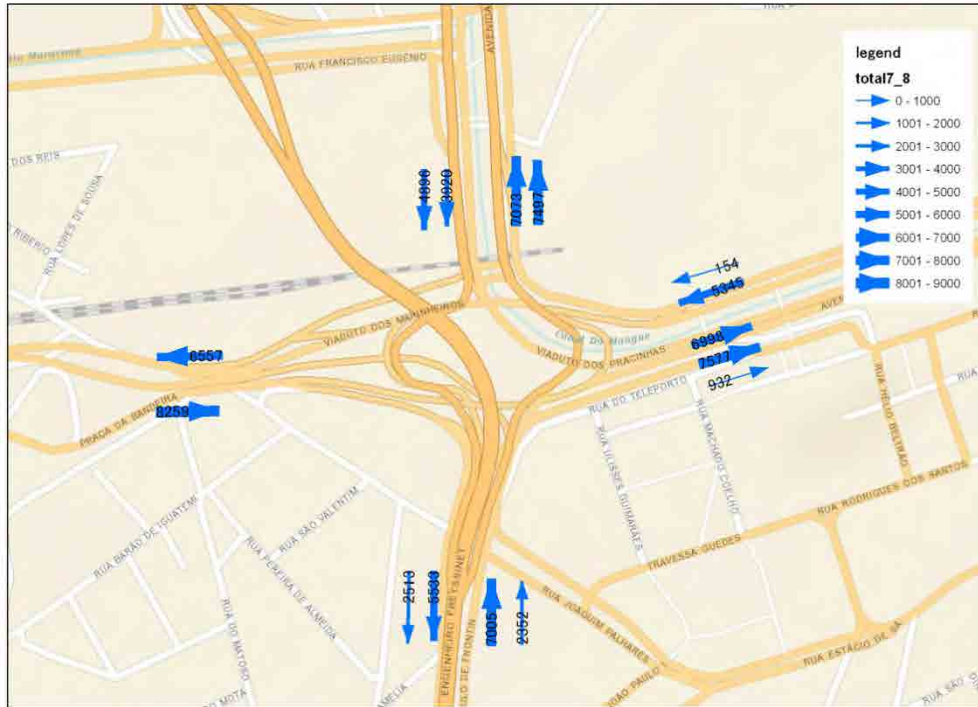


Source: JICA Study Team

iv) Junction (Av. Pres. Vargas X Av. Francisco Bicalho)

The traffic flow at the junction of Av. Pres. Vargas and Av. Francisco Bicalho is shown in Figure 2-30 below. The tendency of traffic movement is not clearly observed, which means that there is heavy traffic in all directions.

[Weekday, 7:00 – 9:00 a.m.]



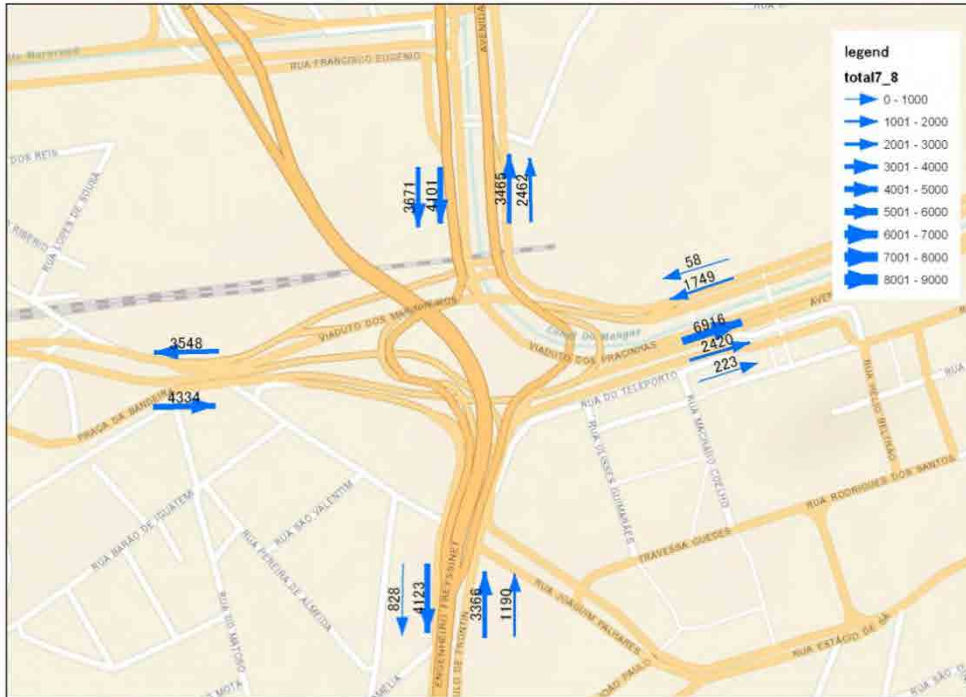
[Weekday, 5:00 – 7:00 p.m.]



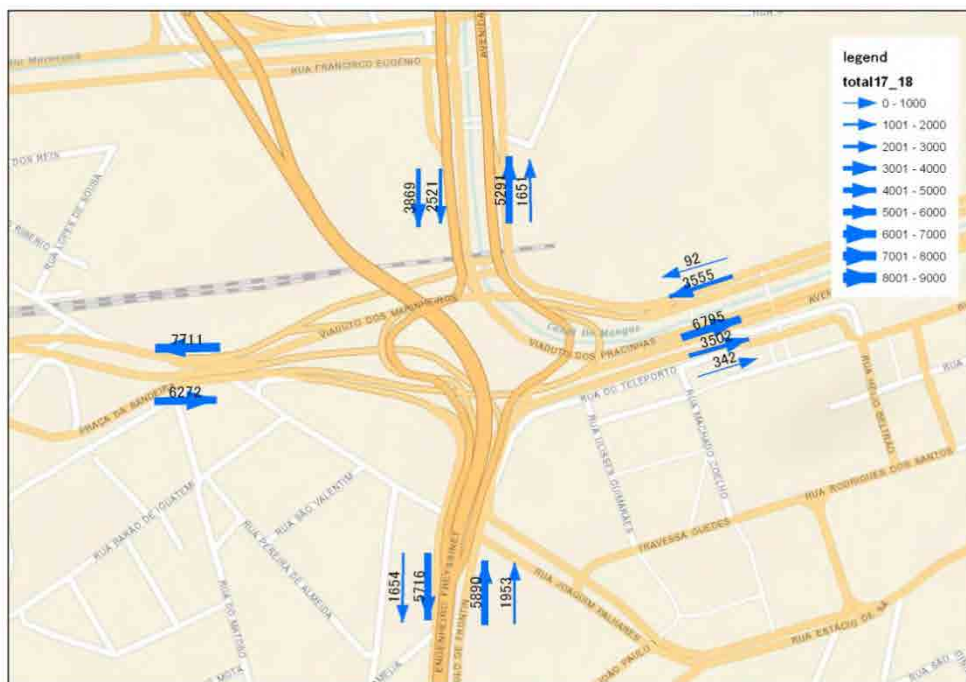
Source: JICA Study Team

The characteristics of traffic movement during the weekend are the same as that during the weekday.

[Weekend, 7:00 – 9:00 a.m.]



[Weekend, 5:00 – 7:00 p.m.]



Source: JICA Study Team

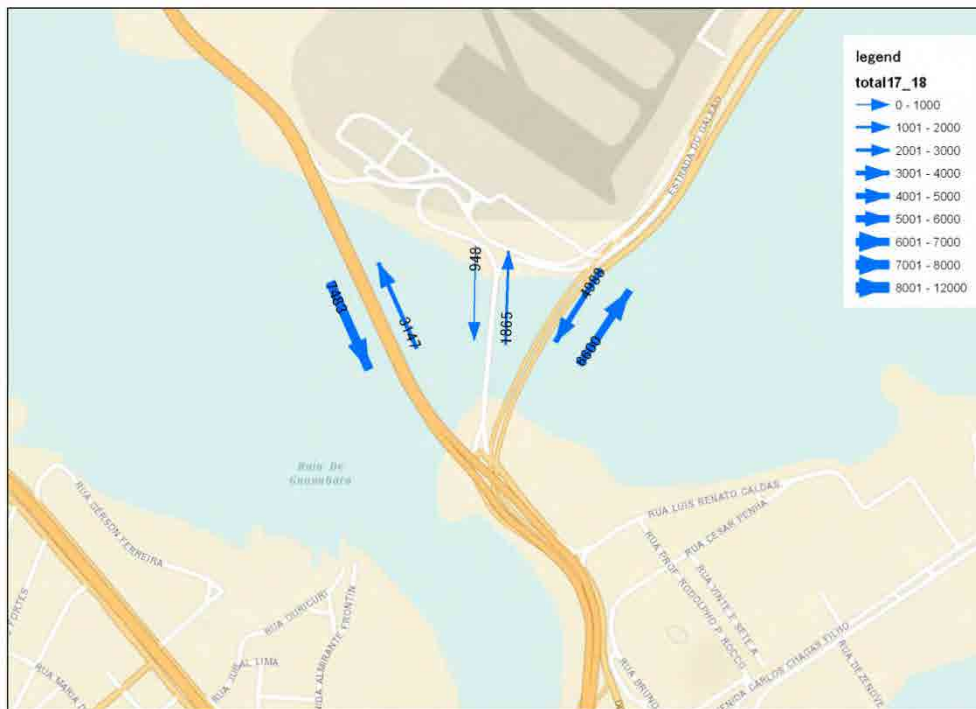
v) **Junction (Linha Vermelha X Estrada Galeao)**

The traffic flow at the junction of Linha Vermelha and Estrada Galeao is shown in Figure 2-32 below. The tendency of traffic movement is not clearly observed which means that there is heavy traffic in all directions.

[Weekday, 7:00 – 9:00 a.m.]



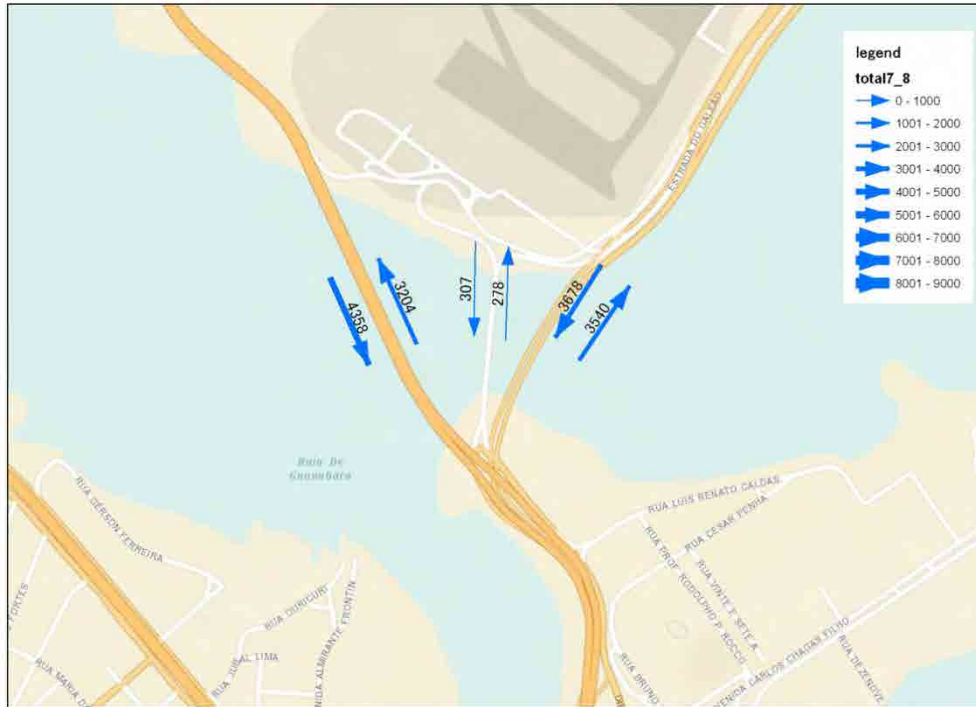
[Weekday, 5:00 – 7:00 p.m.]



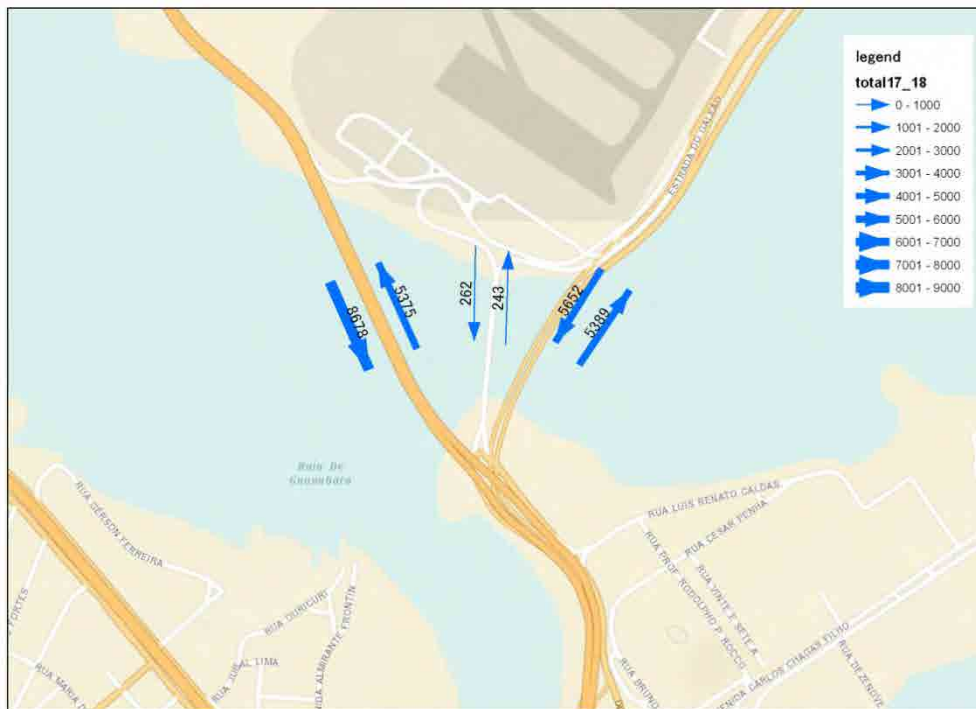
Source: JICA Study Team

The characteristics of traffic movement during the weekend are almost the same as that during the weekday.

[Weekend, 7:00 – 9:00 a.m.]



[Weekend, 5:00 – 7:00 p.m.]



Source: JICA Study Team

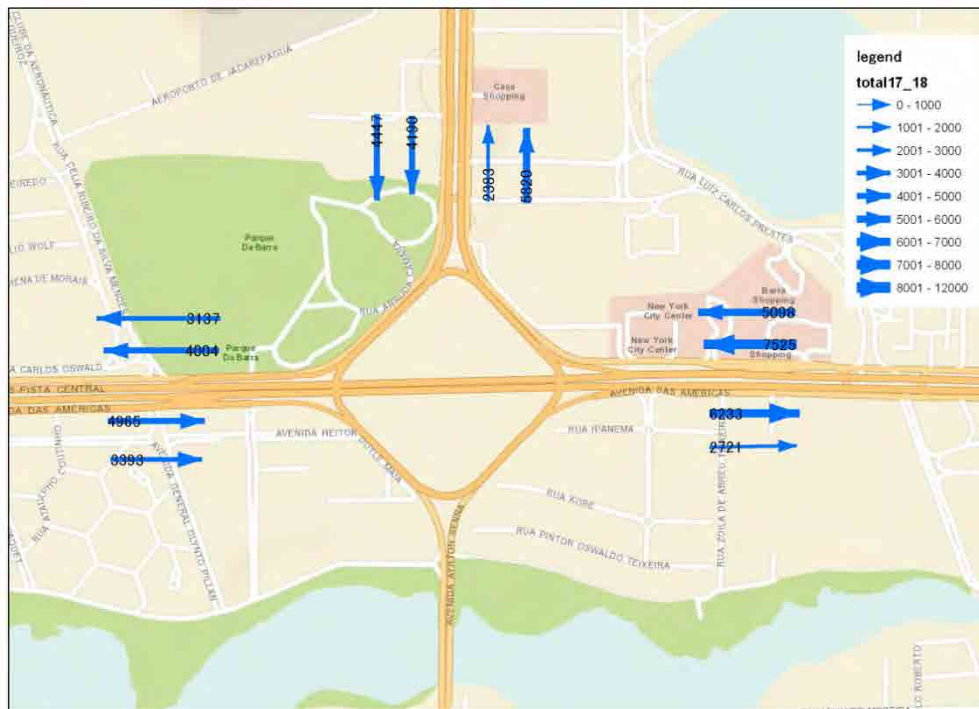
vi) **Junction (Av. das Americas X Av. Ayrton Senna)**

The traffic flow at the junction of Av. das Americas and Av. Ayrton Senna is shown in Figure 2-34 below. During the morning peak, eastbound traffic is dominant. On the other hand, westbound traffic is dominant during the evening peak.

[Weekday, 7:00 – 9:00 a.m.]



[Weekday, 5:00 – 7:00 p.m.]



Source: JICA Study Team

The tendency of traffic direction was not clearly observed during the weekend as shown in Figure 2-35.

[Weekend, 7:00 – 9:00 a.m.]



[Weekend, 5:00 – 7:00 p.m.]



Source: JICA Study Team

vii) Av. Brasil (Manguinhos)

The traffic flow at the cross section along Av. Brasil is shown in Figure 2-36 below. Southbound traffic and northbound traffic are dominant during the morning and evening peaks, respectively.

[Weekday, 7:00 – 9:00 a.m.]



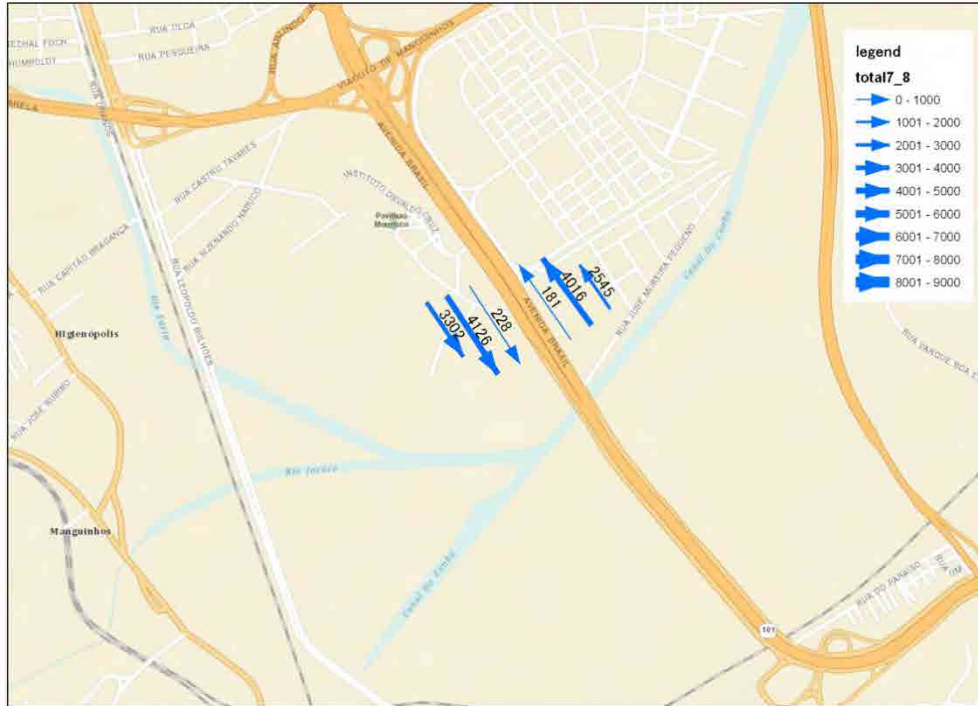
[Weekday, 5:00 – 7:00 p.m.]



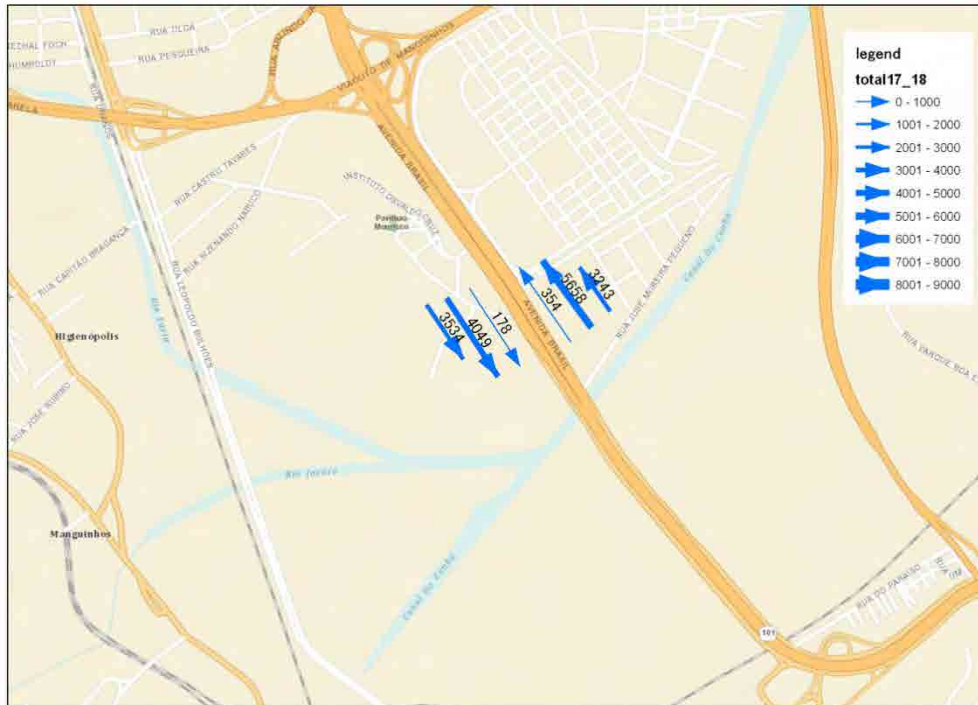
Source: JICA Study Team

During the weekend, the tendency of traffic direction is not clear as shown in Figure 2-37.

[Weekend, 7:00 – 9:00 a.m.]



[Weekend, 5:00 – 7:00 p.m.]

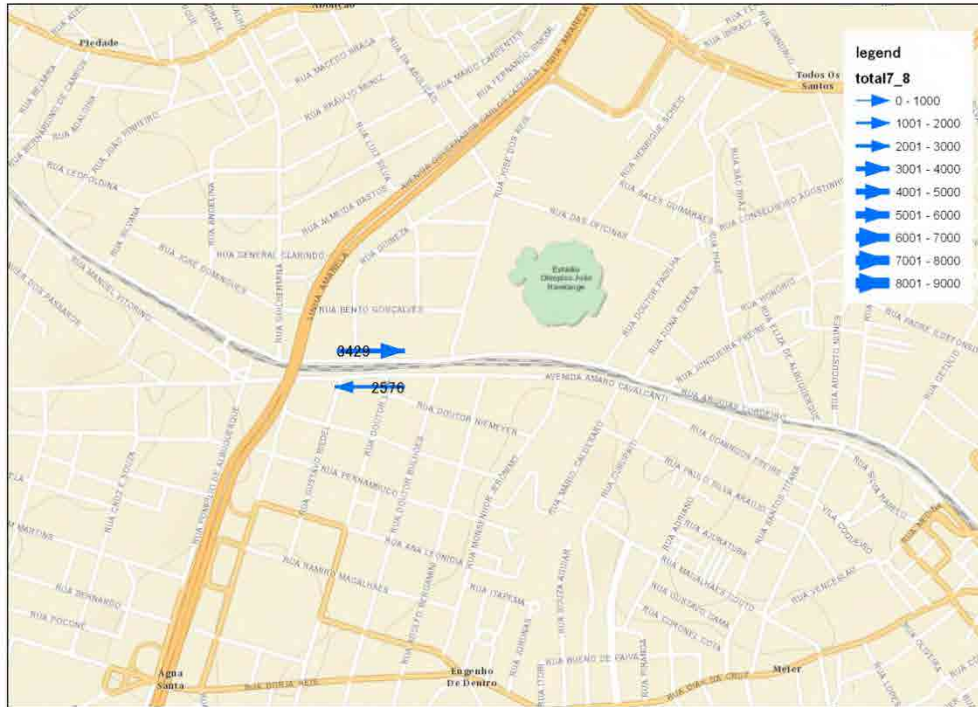


Source: JICA Study Team

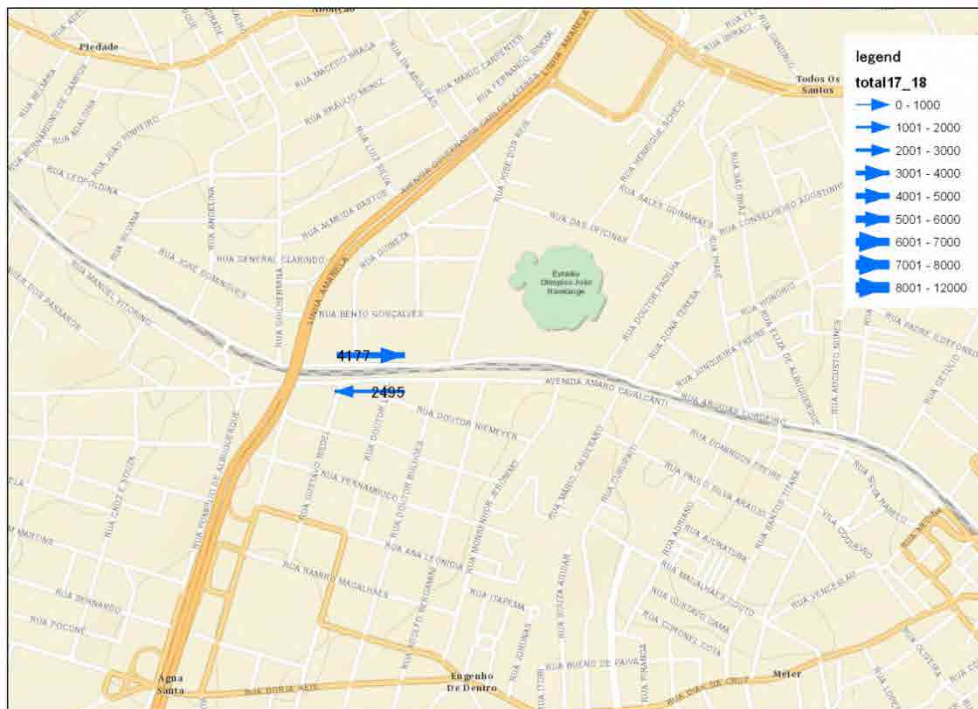
viii) Av. Amaro Cavalcanti and Rua Goiás (Engenho de Dentro)

The traffic flow at the cross section along Av. Amaro Cavalcanti and Rua Goiás is shown in Figure 2-38 below. Eastbound traffic is dominant during both morning and evening peaks.

[Weekday, 7:00 – 9:00 a.m.]



[Weekday, 5:00 – 7:00 p.m.]



Source: JICA Study Team

Travel Time Data

Route	Direction	Start	Goal	Main Road	Distance(km)
1	1-1	Cidade da Musica	Palácio das Exposições	Linha Amarela, Rio-Niteroi	30
	1-2	Palácio das Exposições	Cidade da Musica		31
2	2-1	Cidade da Musica	Av. das Americas / Estr. Da Matriz	Av. das Americas	27
	2-2	Av. das Americas / Estr. Da Matriz	Cidade da Musica		28
3	3-1	Av. da Brasil / Rod. Rio-santos	Av. da Brasil / Rod. Pres. Dutra	Av. Brasil	40
	3-2	Av. da Brasil / Rod. Pres. Dutra	Av. da Brasil / Rod. Rio-santos		39
4	4-1	Av. Cesario de Melo / Av. Maria Teresa	Estr. Int. Magalhães / R. Dominges Lopes	Av. de Santa Cruz	25
	4-2	Estr. Int. Magalhães / R. Dominges Lopes	Av. Cesario de Melo / Av. Maria Teresa		25
5	5-1	R. Dominges Lopes / R. Joao Vicente	Av. Salvador Allende / Av. das Americas	Av. Salvador Allende, Av. Nelson Cardoso	19
	5-2	Av. Salvador Allende / Av. das Americas	R. Dominges Lopes / R. Joao Vicente		20
6	6-1	Barra Square Shoppin Center	Av. Atlantica / Av. Prca. Isabel	Av. das Americas, Estr. Lagoa Barra	21
	6-2	Av. Atlantica / Av. Prca. Isabel	Barra Square Shoppin Center		22
7	7-1	Av. Lucio Costa / Av. Ayrton Senna	R. Francisco Otaviano / Av. Atlantica	Av. Ayrton Senna, Av. Sernambetiba	21
	7-2	R. Joaquim Nabuco / Av. Atlantica	Av. Lucio Costa / Av. Ayrton Senna		22
8	8-1	Around Maracana Stadium	Pte. Nova / Av. Amando Lombardi	Estr. Velha Tijuca	17
	8-2	Pte. Velha / Av. Amando Lombardi	Around Maracana Stadium		17
9	9-1	Av. Geremário Dantas / Ln. Amarela	Around Maracana Stadium	Av. Menezes Cortes	15
	9-2	Around Maracana Stadium	Av. Geremário Dantas / Ln. Amarela		15
10	10-1	Av. Brasil / Rod. Pres. Dutra	Av. Brasil / Rod. Pres. Dutra	Av. Brasil, Linha Vermelha	35
	10-2	Av. Brasil / Rod. Pres. Dutra	Av. Brasil / Rod. Pres. Dutra		31
11	11-1	Av. Ataulfo de Paiva / R. Visc. de Albuquerque	Vevd. da Perimetral / Av. Brasil	Av. Ns. de Copacabana, Av. Gen. Justo	21
	11-2	Vevd. da Perimetral / Av. Brasil	Av. Gen. San Martin / R. Visc. de Albuquerque		20
12	12-1	Around Praça Marcos Tamoio, 02.06.008 E.M. Pedro Ernesto	Around Praça Marcos Tamoio, 02.06.008 E.M. Pedro Ernesto	Vevd. Eng. Freyssinet, Vevd. Eng. Noronha	15
	12-2	Around Praça Marcos Tamoio, 02.06.008 E.M. Pedro Ernesto	Around Praça Marcos Tamoio, 02.06.008 E.M. Pedro Ernesto		18
13	13-1	Around Largo Alm Indio do Brasil	Av. Alm. Barroso / Av. Pres. Antonio Carlos	Av. Pres. Vargas, R. Primeiro Marco, Av. Republica do Chile, R. do Catete	14
	13-2	Av. Alm. Barroso / Av. Pres. Antonio Carlos	Around Largo Alm Indio do Brasil		13
14	14-1	Around Maracana Stadium	Deodoro Station	R. Joao Vicente, Av. Amaro Cavalcanti	19
	14-2	Deodoro Station	Around Maracana Stadium		21
15	15-1	Around Maracana Stadium	Praca Dez de Novembro	Av. Pst. Martin Luther King Junior	17
	15-2	Praca Dez de Novembro	Around Maracana Stadium		18

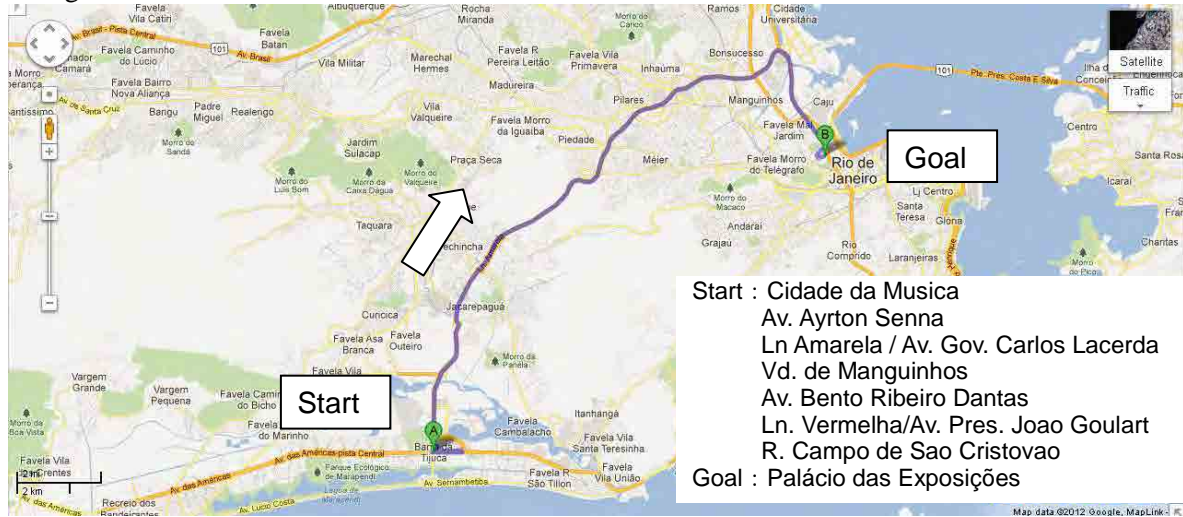
1) The timetable and route

1-1

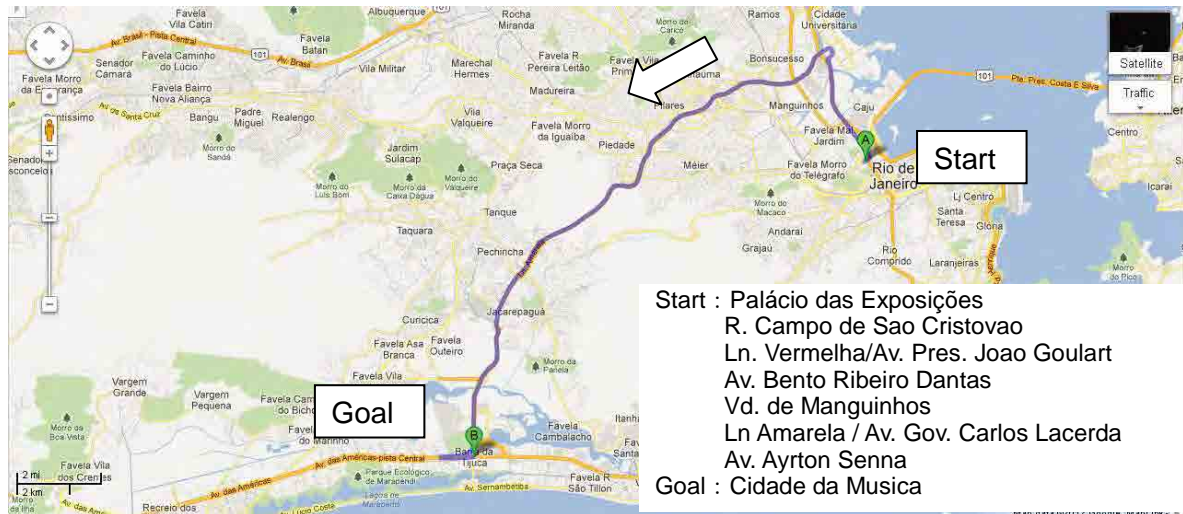
Date		Route No.	1-1
Driver Name		GPS No.	

Route

“Going”



“Return”



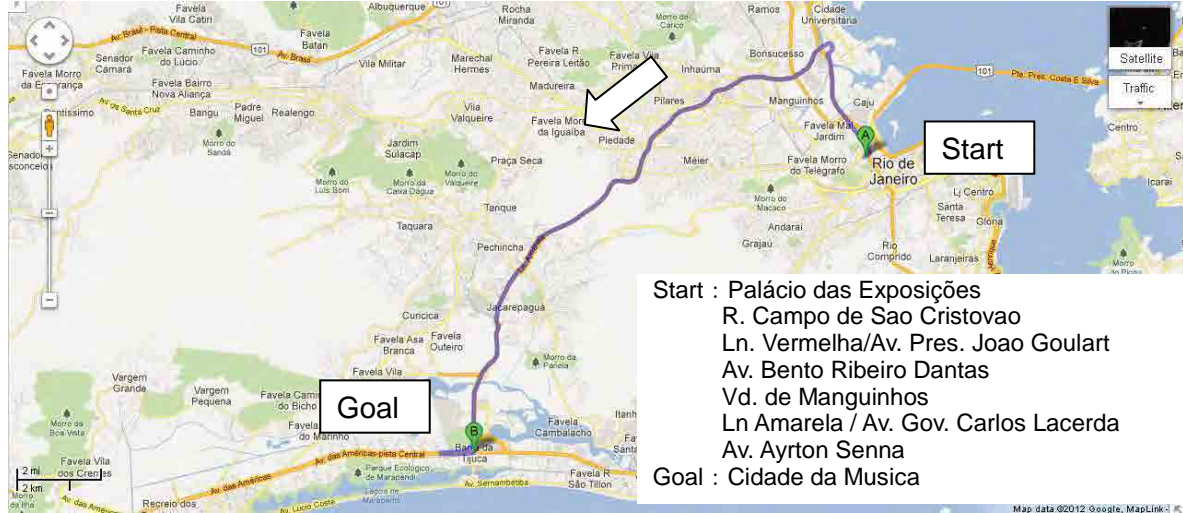
Timetable

Timetable	Starting Time	Remarks	Start km	Goal km	Total km
1. 7:00 a.m. “Going”					
2. 8:00 a.m. “Return”					
3. 11:00 a.m. “Going”					
4. 2:00 p.m. “Return”					
5. 5:00 p.m. “Going”					
6. 6:00 p.m. “Return”					

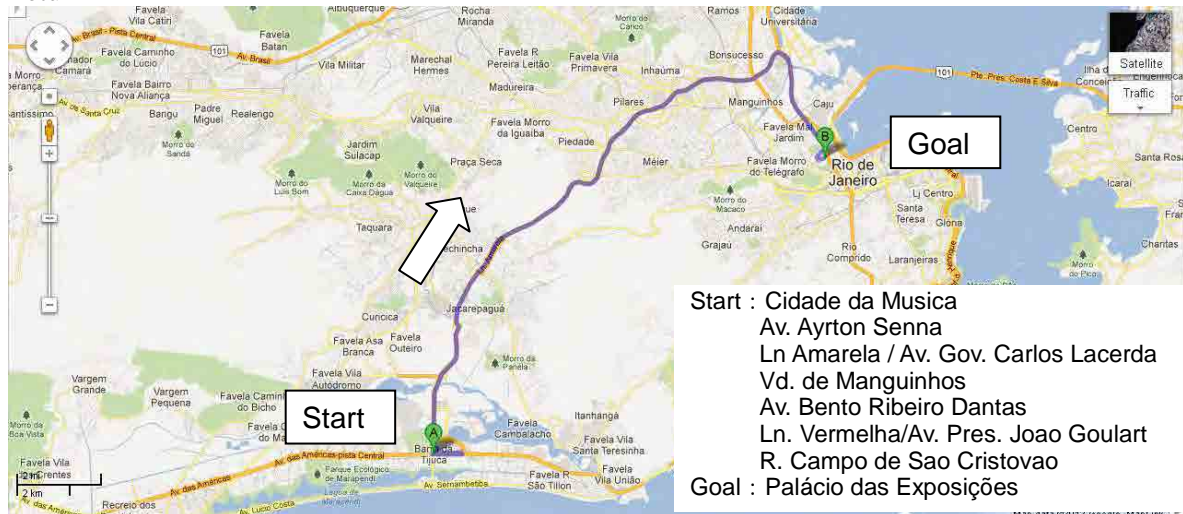
Date		Route No.	1-2
Driver Name		GPS No.	

Route

“Going”



“Return”



Timetable

Timetable	Starting Time	Remarks	Start km	Goal km	Total km
1. 7:00 a.m. “Going”					
2. 8:00 a.m. “Return”					
3. 11:00 a.m. “Going”					
4. 2:00 p.m. “Return”					
5. 5:00 p.m. “Going”					
6. 6:00 p.m. “Return”					

Date		Route No.	2-1
Driver Name		GPS No.	

Route

“Going”



“Return”



Timetable

Timetable	Starting Time	Remarks	Start km	Goal km	Total km
1. 7:00 a.m. “Going”					
2. 8:00 a.m. “Return”					
3. 11:00 a.m. “Going”					
4. 2:00 p.m. “Return”					
5. 5:00 p.m. “Going”					
6. 6:00 p.m. “Return”					

Date		Route No.	2-2
Driver Name		GPS No.	

Route

“Going”



“Return”



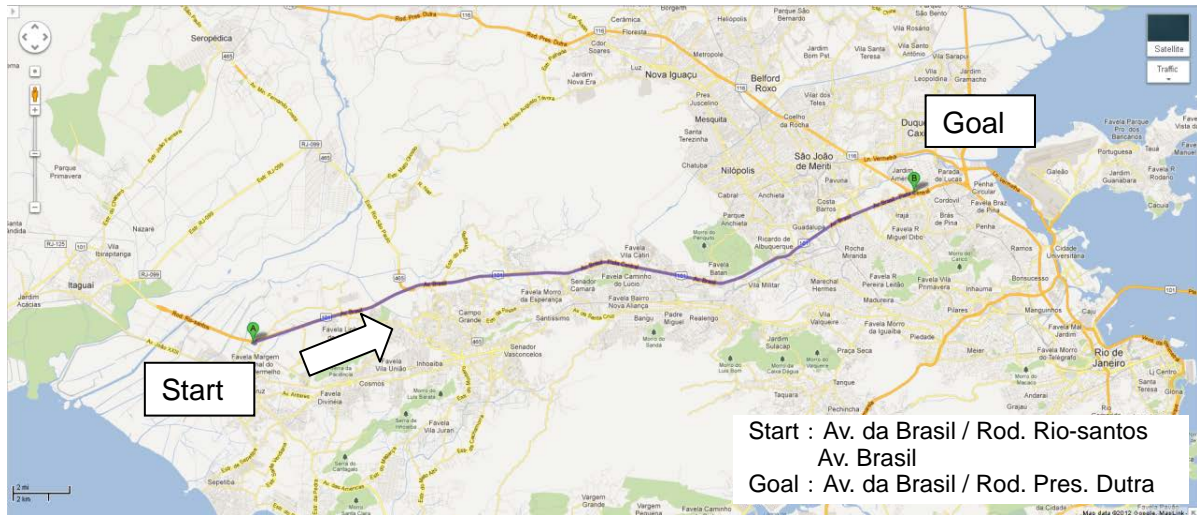
Timetable

Timetable	Starting Time	Remarks	Start km	Goal km	Total km
1. 7:00 a.m. “Going”					
2. 8:00 a.m. “Return”					
3. 11:00 a.m. “Going”					
4. 2:00 p.m. “Return”					
5. 5:00 p.m. “Going”					
6. 6:00 p.m. “Return”					

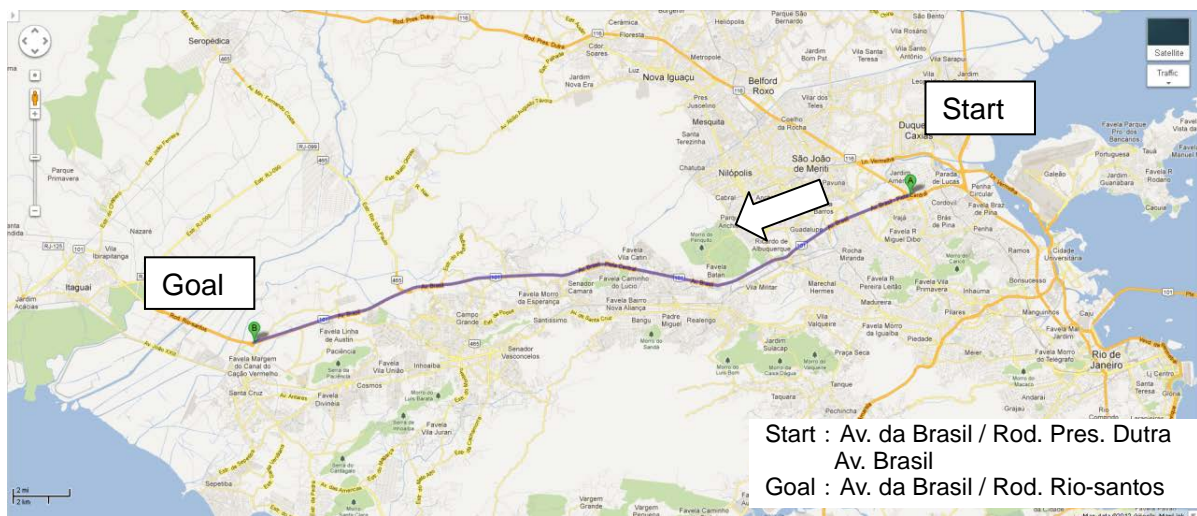
Date		Route No.	3-1
Driver Name		GPS No.	

Route

“Going”



“Return”



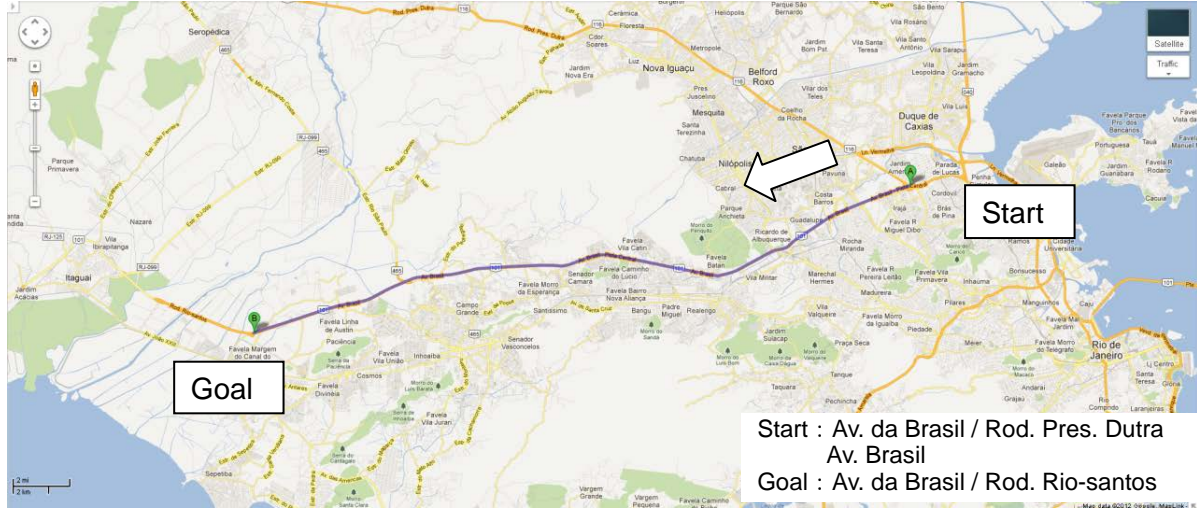
Timetable

Timetable	Starting Time	Remarks	Start km	Goal km	Total km
1. 7:00 a.m. “Going”					
2. 8:00 a.m. “Return”					
3. 11:00 a.m. “Going”					
4. 2:00 p.m. “Return”					
5. 5:00 p.m. “Going”					
6. 6:00 p.m. “Return”					

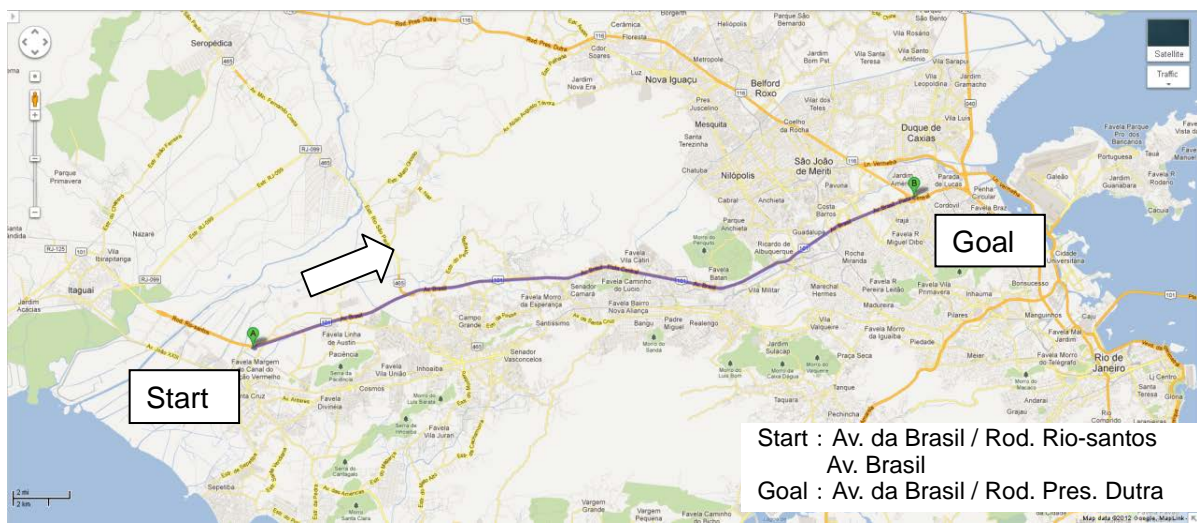
Date		Route No.	3-2
Driver Name		GPS No.	

Route

“Going”



“Return”



Timetable

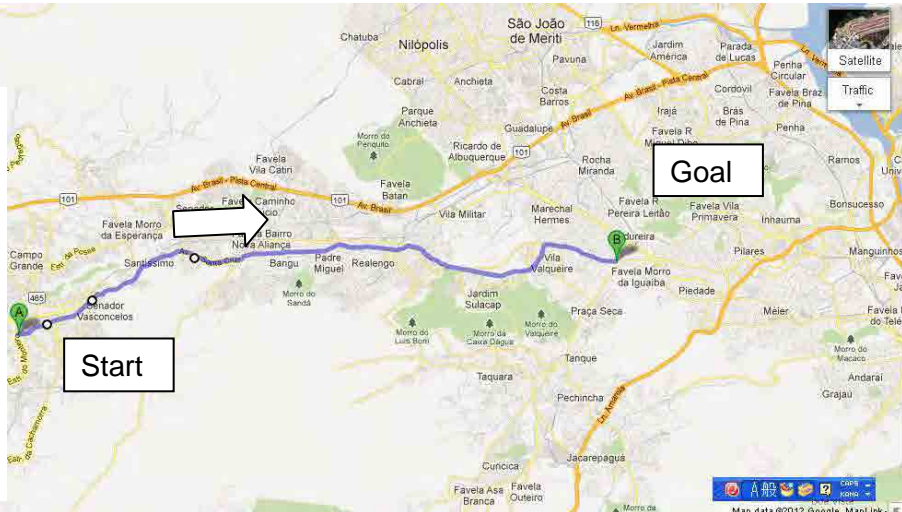
Timetable	Starting Time	Remarks	Start km	Goal km	Total km
1. 7:00 a.m. “Going”					
2. 8:00 a.m. “Return”					
3. 11:00 a.m. “Going”					
4. 2:00 p.m. “Return”					
5. 5:00 p.m. “Going”					
6. 6:00 p.m. “Return”					

Date		Route No.	4-1
Driver Name		GPS No.	

Route

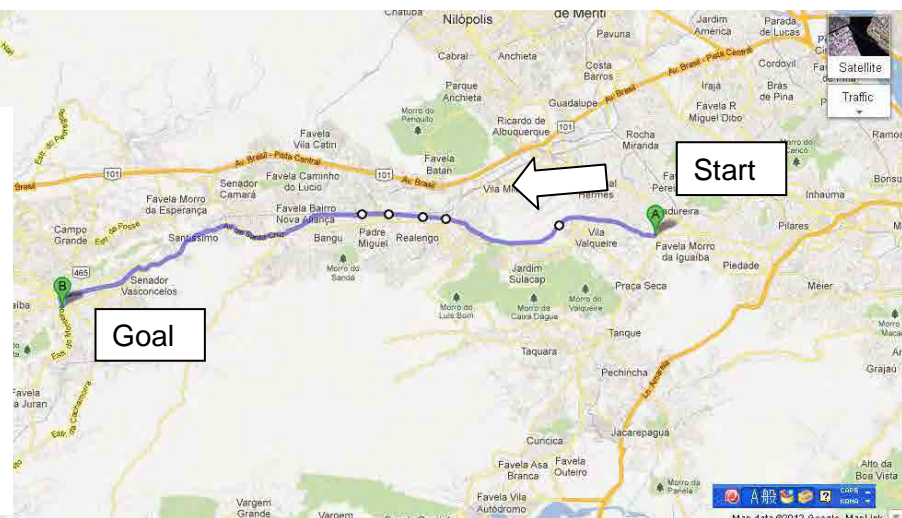
“Going”

Start : Av. Cesario de Melo /
 Av. Maria Teresa
 Av. Cesario de Melo
 R. Artur Rios
 Av. de Santa Cruz
 R. da Feira
 R. Francisco Real
 Av. de Santa Cruz
 Av. Mal. Fontineli
 Av. Alberico Diniz
 Estr. Japore
 Av. Jambeiro
 Estr. Int. Magalhães
 Goal : Estr. Int. Magalhães /
 R. Dominges Lopes



“Return”

Start : Estr. Int. Magalhães /
 R. Dominges Lopes
 Estr. Int. Magalhães
 Av. Mal. Fontineli
 R. Bernardo de
 Vasconcelos
 R. Ubatuba
 Av. de Santa Cruz
 R. Cabiuna
 R. Xavier Marques
 R. Ferreira Borges
 R. Eng. Trindade
 Av. Maria Teresa
 Goal : Av. Cesario de Melo /
 Av. Maria Teresa



Timetable

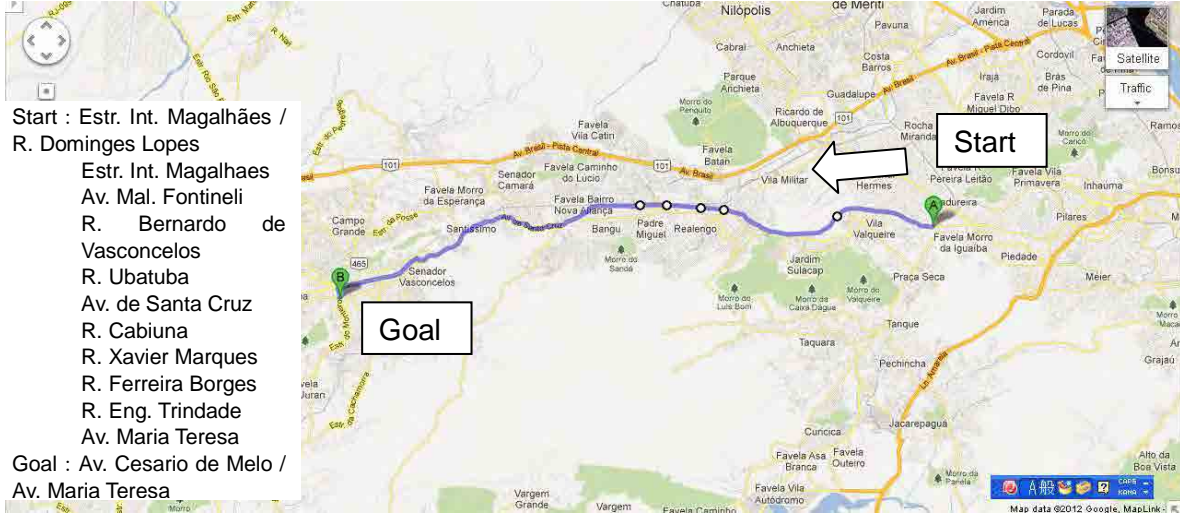
Timetable	Starting Time	Remarks	Start km	Goal km	Total km
1. 7:00 a.m. “Going”					
2. 8:00 a.m. “Return”					
3. 11:00 a.m. “Going”					
4. 2:00 a.m. “Return”					
5. 5:00 p.m. “Going”					
6. 6:00 p.m. “Return”					

Date		Route No.	4-2
Driver Name		GPS No.	

Route

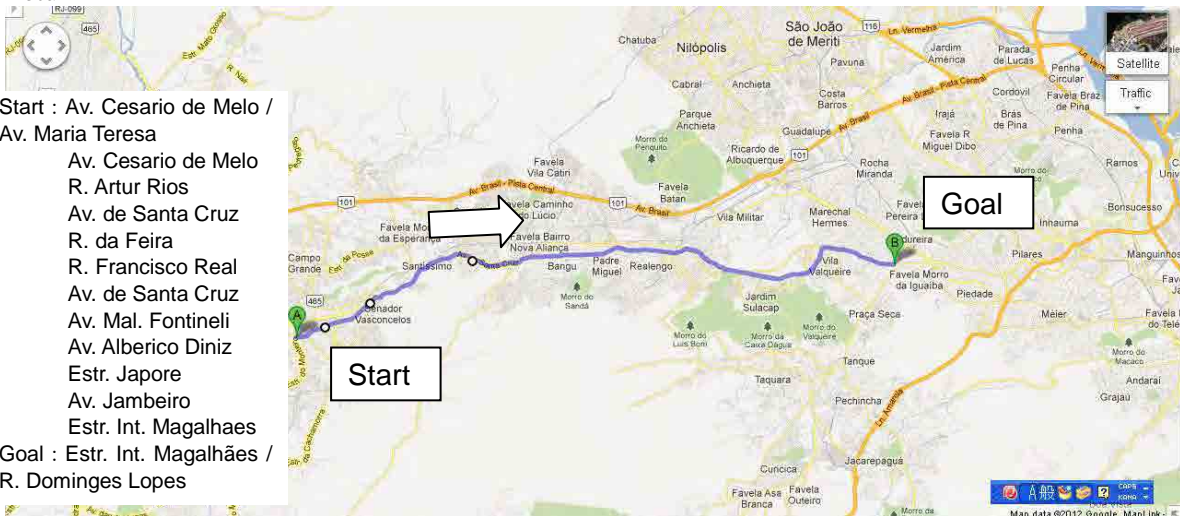
“Going”

Start : Estr. Int. Magalhães /
R. Dominges Lopes
Estr. Int. Magalhaes
Av. Mal. Fontineli
R. Bernardo de
Vasconcelos
R. Ubatuba
Av. de Santa Cruz
R. Cabiuna
R. Xavier Marques
R. Ferreira Borges
R. Eng. Trindade
Av. Maria Teresa
Goal : Av. Cesario de Melo /
Av. Maria Teresa



“Return”

Start : Av. Cesario de Melo /
Av. Maria Teresa
Av. Cesario de Melo
R. Artur Rios
Av. de Santa Cruz
R. da Feira
R. Francisco Real
Av. de Santa Cruz
Av. Mal. Fontineli
Av. Alberico Diniz
Estr. Japore
Av. Jambeiro
Estr. Int. Magalhaes
Goal : Estr. Int. Magalhães /
R. Dominges Lopes



Timetable

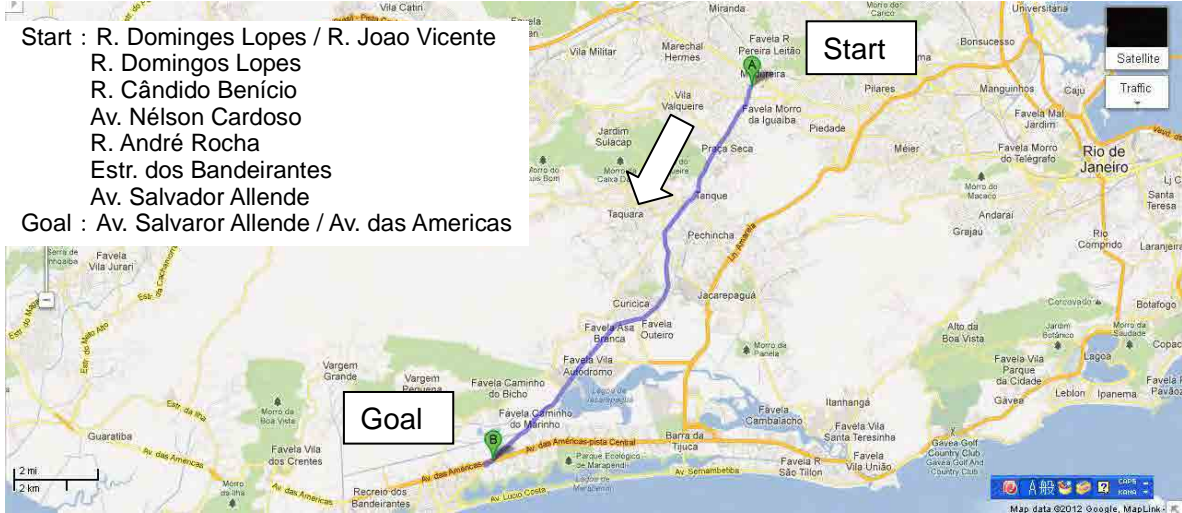
Timetable	Starting Time	Remarks	Start km	Goal km	Total km
1. 7:00 a.m. “Going”					
2. 8:00 a.m. “Return”					
3. 11:00 a.m. “Going”					
4. 2:00 a.m. “Return”					
5. 5:00 p.m. “Going”					
6. 6:00 p.m. “Return”					

Date		Route No.	5-1
Driver Name		GPS No.	

Route

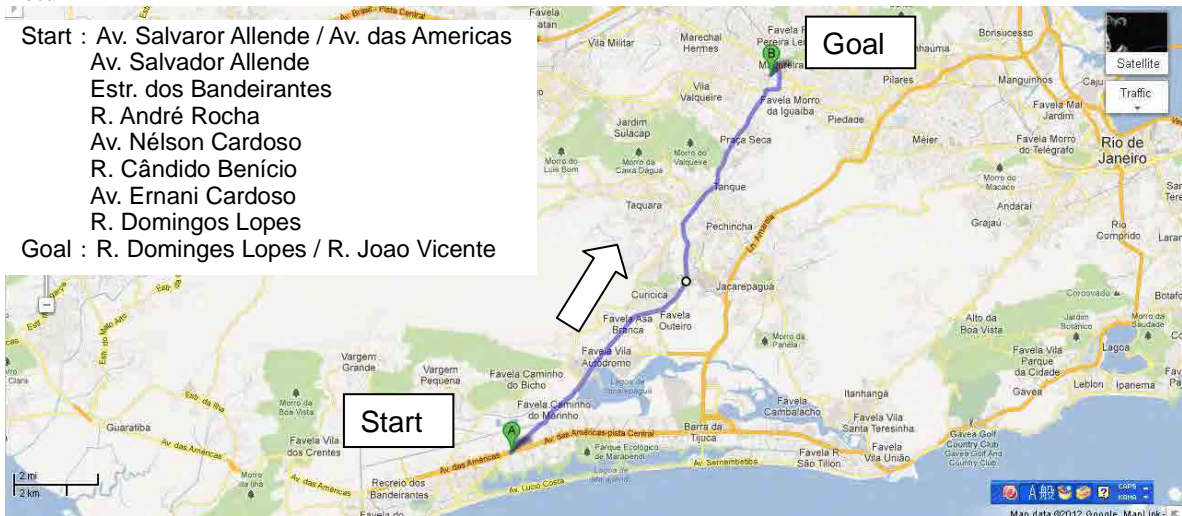
“Going”

Start : R. Domingos Lopes / R. Joao Vicente
 R. Domingos Lopes
 R. Cândido Benício
 Av. Néelson Cardoso
 R. André Rocha
 Estr. dos Bandeirantes
 Av. Salvador Allende
 Goal : Av. Salvador Allende / Av. das Americas



“Return”

Start : Av. Salvador Allende / Av. das Americas
 Av. Salvador Allende
 Estr. dos Bandeirantes
 R. André Rocha
 Av. Néelson Cardoso
 R. Cândido Benício
 Av. Ernani Cardoso
 R. Domingos Lopes
 Goal : R. Domingos Lopes / R. Joao Vicente



Timetable

Timetable	Starting Time	Remarks	Start km	Goal km	Total km
1. 7:00 a.m. “Going”					
2. 8:00 a.m. “Return”					
3. 11:00 a.m. “Going”					
4. 2:00 a.m. “Return”					
5. 5:00 p.m. “Going”					
6. 6:00 p.m. “Return”					

Date		Route No.	5-2
Driver Name		GPS No.	

Route

“Going”

Start : Av. Salvador Allende / Av. das Americas
 Av. Salvador Allende
 Estr. dos Bandeirantes
 R. André Rocha
 Av. Néelson Cardoso
 R. Cândido Benício
 Av. Ernani Cardoso
 R. Domingos Lopes

Goal : R. Domingos Lopes / R. Joao Vicente

“Return”

Start : R. Domingos Lopes / R. Joao Vicente
 R. Domingos Lopes
 R. Cândido Benício
 Av. Néelson Cardoso
 R. André Rocha
 Estr. dos Bandeirantes
 Av. Salvador Allende

Goal : Av. Salvador Allende / Av. das Americas

Timetable

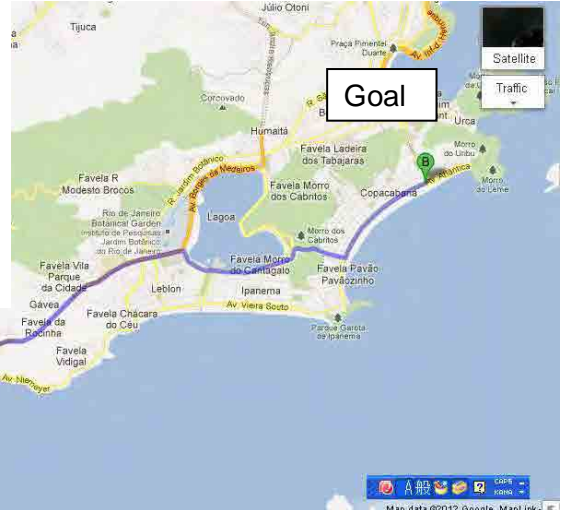
Timetable	Starting Time	Remarks	Start km	Goal km	Total km
1. 7:00 a.m. “Going”					
2. 8:00 a.m. “Return”					
3. 11:00 a.m. “Going”					
4. 2:00 a.m. “Return”					
5. 5:00 p.m. “Going”					
6. 6:00 p.m. “Return”					

Date		Route No.	6-1
Driver Name		GPS No.	

Route

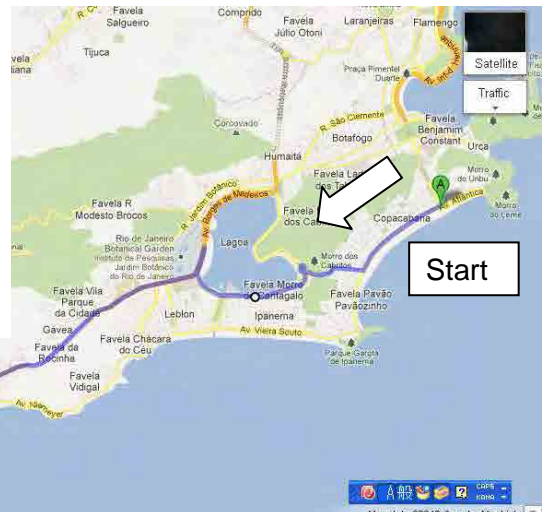
“Going”

Start : Barra Square Shoppin Center
 Av. das Americas-pista Central
 Av. Armando Lombardi - Pista Central
 Av. Min. Ivan Lins
 Pte. da Joatinga
 Vevd. das Bandeiras
 Estr. Lagoa Barra
 Av. Padre Leonel Franca
 R. Mario Ribeiro
 Av. Borges de Medeiros
 Av. Epitacio Pessoa
 Av. Henrique Dodsworth
 R. Miguel Lemos
 Av. Atlantica
 Goal : Av. Atlantica / Av. Prca. Isabel



“Return”

Start : Av. Atlantica / Av. Prca. Isabel
 Av. Atlantica
 R. Bolivar
 Av. Henrique Dodsworth
 Av. Epitacio Pessoa
 Av. Borges de Medeiros
 R. Mario Ribeiro
 Av. Padre Leonel Franca
 Estr. Lagoa Barra
 Vevd. das Bandeiras
 Pte. da Joatinga
 Av. Min. Ivan Lins
 Av. Armando Lombardi - Pista Central
 Av. das Americas-pista Central
 Goal : Barra Square Shoppin Center



Timetable

Timetable	Starting Time	Remarks	Start km	Goal km	Total km
1. 7:00 a.m. “Going”					
2. 8:00 a.m. “Return”					
3. 11:00 a.m. “Going”					
4. 2:00 a.m. “Return”					
5. 5:00 p.m. “Going”					
6. 6:00 p.m. “Return”					

Date		Route No.	6-2
Driver Name		GPS No.	

Route

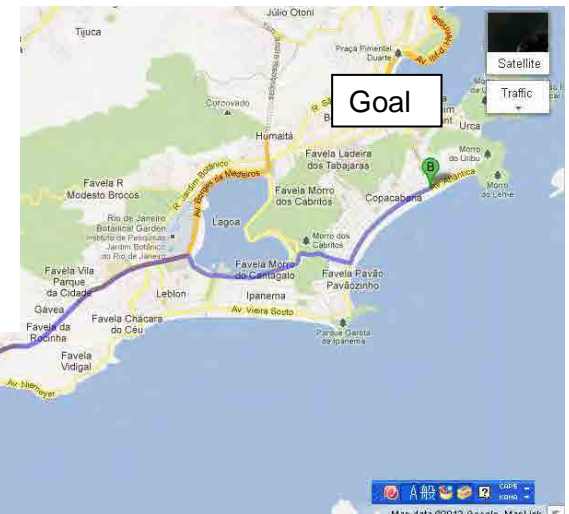
“Going”

Start : Av. Atlantica / Av. Prca. Isabel
 Av. Atlantica
 R. Bolivar
 Av. Henrique Dodsworth
 Av. Epitacio Pessoa
 Av. Borges de Medeiros
 R. Mario Ribeiro
 Av. Padre Leonel Franca
 Estr. Lagoa Barra
 Vevd. das Bandeiras
 Pte. da Joatinga
 Av. Min. Ivan Lins
 Av. Armando Lombardi - Pista Central
 Av. das Americas-pista Central
 Goal : Barra Square Shoppin Center



“Return”

Start : Barra Square Shoppin Center
 Av. das Americas-pista Central
 Av. Armando Lombardi - Pista Central
 Av. Min. Ivan Lins
 Pte. da Joatinga
 Vevd. das Bandeiras
 Estr. Lagoa Barra
 Av. Padre Leonel Franca
 R. Mario Ribeiro
 Av. Borges de Medeiros
 Av. Epitacio Pessoa
 Av. Henrique Dodsworth
 R. Miguel Lemos
 Av. Atlantica
 Goal : Av. Atlantica / Av. Prca. Isabel



Timetable

Timetable	Starting Time	Remarks	Start km	Goal km	Total km
1. 7:00 a.m. “Going”					
2. 8:00 a.m. “Return”					
3. 11:00 a.m. “Going”					
4. 2:00 p.m. “Return”					
5. 5:00 p.m. “Going”					
6. 6:00 p.m. “Return”					

Date		Route No.	7-1
Driver Name		GPS No.	

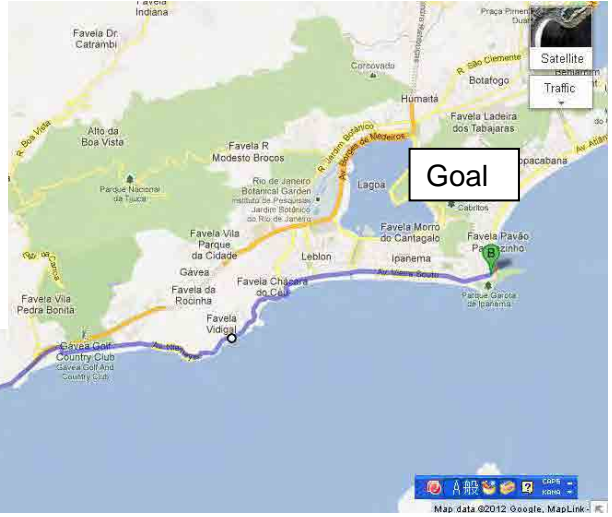
Route

“Going”

Start : Av. Lucio Costa / Av. Ayrton Senna
 Av. Lucio Costa/Av. Sernambetiba
 Av. Olegario Maciel
 Av. Min. Ivan Lins
 Pte. da Joatinga
 Vevd. das Bandeiras
 Estr. Lagoa Barra
 Av. Pref. Mendes de Moraes
 Av. Niemeyer
 Av. Delfim Moreira
 Av. Vieira Souto
 R. Francisco Otaviano
 Goal : R. Francisco Otaviano / Av. Atlantica



Start



Goal

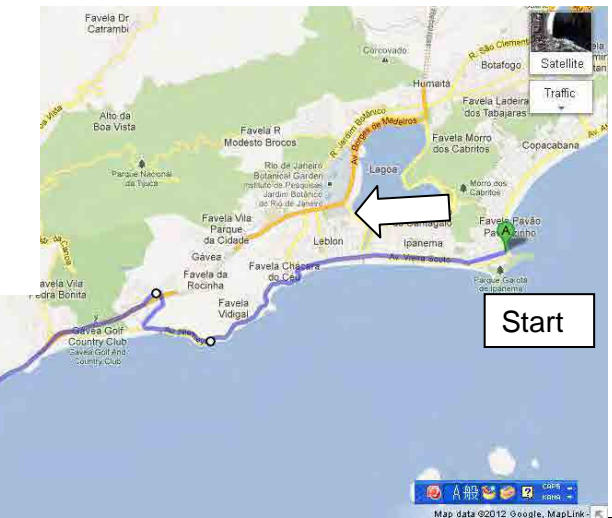


“Return”

Start : R. Joaquim Nabuco / Av. Atlantica
 R. Joaquim Nabuco
 Av. Vieira Souto
 Av. Delfim Moreira
 Av. Niemeyer
 Estr. Lagoa Barra
 Vevd. das Bandeiras
 Av. Min. Ivan Lins
 Av. Armando Lombardi
 R. Cel. Eurico de Souza G Filho
 R. John Kennedy
 Av. Lucio Costa/Av. Sernambetiba
 Goal : Av. Lucio Costa / Av. Ayrton Senna



Goal



Start

Timetable

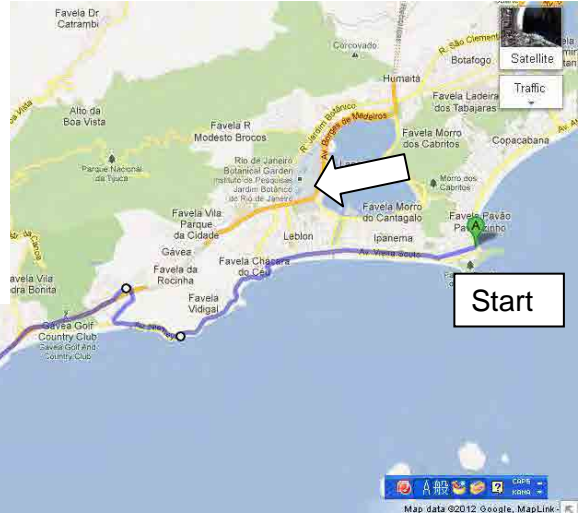
Timetable	Starting Time	Remarks	Start km	Goal km	Total km
1. 7:00 a.m. “Going”					
2. 8:00 a.m. “Return”					
3. 11:00 a.m. “Going”					
4. 2:00 p.m. “Return”					
5. 5:00 p.m. “Going”					
6. 6:00 p.m. “Return”					

Date		Route No.	7-2
Driver Name		GPS No.	

Route

“Going”

Start : R. Joaquim Nabuco / Av. Atlantica
 R. Joaquim Nabuco
 Av. Vieira Souto
 Av. Delfim Moreira
 Av. Niemeyer
 Estr. Lagoa Barra
 Vevd. das Bandeiras
 Av. Min. Ivan Lins
 Av. Armando Lombardi
 R. Cel. Eurico de Souza G Filho
 R. John Kennedy
 Av. Lucio Costa/Av. Sernambetiba
 Goal : Av. Lucio Costa / Av.Ayrton Senna



Start : Av. Lucio Costa / Av.Ayrton Senna
 Av. Lucio Costa/Av. Sernambetiba
 Av. Olegario Maciel
 Av. Min. Ivan Lins
 Pte. da Joatinga
 Vevd. das Bandeiras
 Estr. Lagoa Barra
 Av. Pref. Mendes de Moraes
 Av. Niemeyer
 Av. Delfim Moreira
 Av. Vieira Souto
 R. Francisco Otaviano
 Goal : R. Francisco Otaviano / Av. Atlantica



Timetable

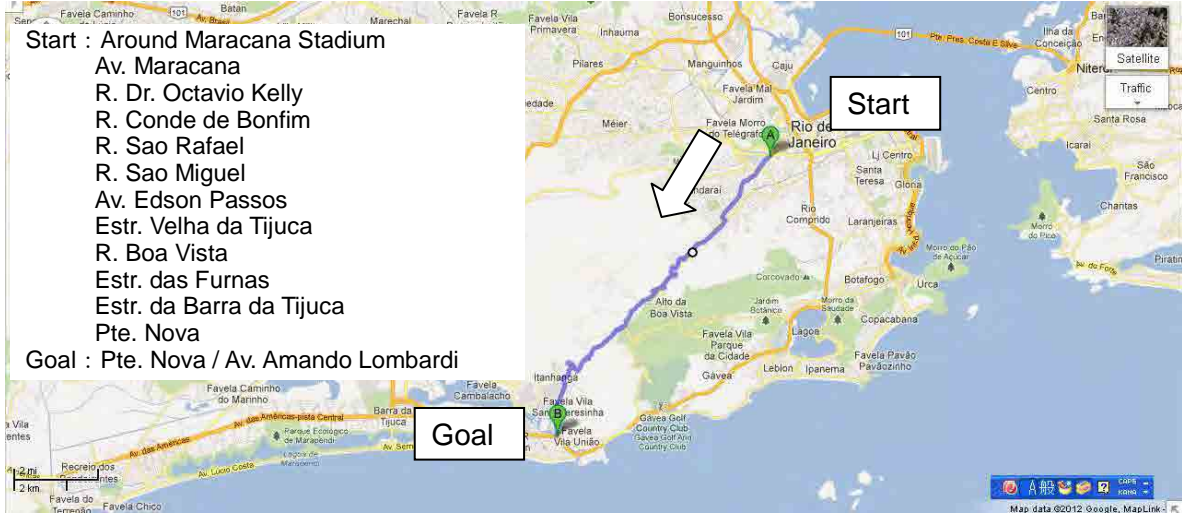
Timetable	Starting Time	Remarks	Start km	Goal km	Total km
1. “Going”	7:00 a.m.				
2. “Return”	8:00 a.m.				
3. “Going”	11:00 a.m.				
4. “Return”	2:00 p.m.				
5. “Going”	5:00 p.m.				
6. “Return”	6:00 p.m.				

Date		Route No.	8-1
Driver Name		GPS No.	

Route

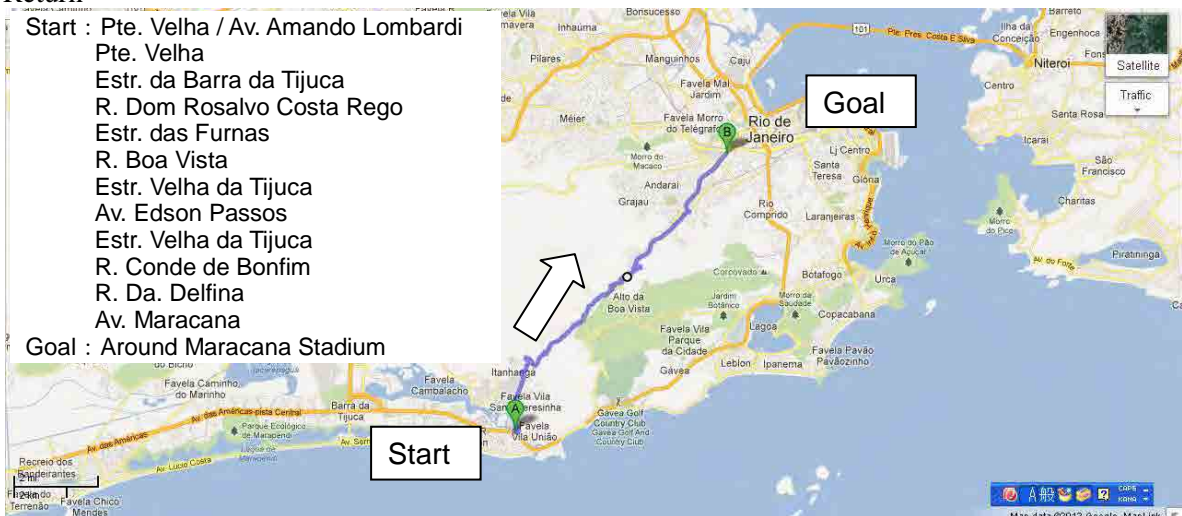
“Going”

Start : Around Maracana Stadium
 Av. Maracana
 R. Dr. Octavio Kelly
 R. Conde de Bonfim
 R. Sao Rafael
 R. Sao Miguel
 Av. Edson Passos
 Estr. Velha da Tijuca
 R. Boa Vista
 Estr. das Furnas
 Estr. da Barra da Tijuca
 Pte. Nova
 Goal : Pte. Nova / Av. Amando Lombardi



“Return”

Start : Pte. Velha / Av. Amando Lombardi
 Pte. Velha
 Estr. da Barra da Tijuca
 R. Dom Rosalvo Costa Rego
 Estr. das Furnas
 R. Boa Vista
 Estr. Velha da Tijuca
 Av. Edson Passos
 Estr. Velha da Tijuca
 R. Conde de Bonfim
 R. Da Delfina
 Av. Maracana
 Goal : Around Maracana Stadium



Timetable

Timetable	Starting Time	Remarks	Start km	Goal km	Total km
1. “Going”	7:00 a.m.				
2. “Return”	8:00 a.m.				
3. “Going”	11:00 a.m.				
4. “Return”	2:00 p.m.				
5. “Going”	5:00 p.m.				
6. “Return”	6:00 p.m.				

Date		Route No.	8-2
Driver Name		GPS No.	

Route

“Going”

Start : Pte. Velha / Av. Amando Lombardi
 Pte. Velha
 Estr. da Barra da Tijuca
 R. Dom Rosalvo Costa Rego
 Estr. das Furnas
 R. Boa Vista
 Estr. Velha da Tijuca
 Av. Edson Passos
 Estr. Velha da Tijuca
 R. Conde de Bonfim
 R. Da. Delfina
 Av. Maracana
 Goal : Around Maracana Stadium



“Return”

Start : Around Maracana Stadium
 Av. Maracana
 R. Dr. Octavio Kelly
 R. Conde de Bonfim
 R. Sao Rafael
 R. Sao Miguel
 Av. Edson Passos
 Estr. Velha da Tijuca
 R. Boa Vista
 Estr. das Furnas
 Estr. da Barra da Tijuca
 Pte. Nova
 Goal : Pte. Nova / Av. Amando Lombardi



Time Table

Time Table	Starting Time	Remarks	Start km	Goal km	Total km
1. 7:00 a.m. “Going”					
2. 8:00 a.m. “Return”					
3. 11:00 a.m. “Going”					
4. 2:00 p.m. “Return”					
5. 5:00 p.m. “Going”					
6. 6:00 p.m. “Return”					

Date		Route No.	9-1
Driver Name		GPS No.	

Route

“Going”

Start : Av. Geremário Dantas / Ln. Amarela
 Av. Geremario Dantas
 R. Mamore
 R. Xingu
 R. Araguaia
 Estr. do Guanumbi
 Estr. dos Tres Rios
 Estr. Santa Ines
 Av. Menezes Cortes
 R. Jose do Patrocinio
 R. Barao do Bom Retiro
 R. Teodoro da Silva
 Av. Prof. Manoel de Abreu
 Goal : Around Maracana Stadium

“Return”

Start : Around Maracana Stadium
 Av. Prof. Manoel de Abreu
 R. Pereira Nunes
 Blvd. Vinte e Oito de Setembro
 R. Luis Barbosa
 R. Visc. de Santa Isabel
 Av. Menezes Cortes
 Estr. dos Tres Rios
 Estr. do Pau Ferro
 R. Araguaia
 Av. Geremario Dantas
 Goal : Av. Geremário Dantas / Ln. Amarela

Timetable

Timetable	Starting Time	Remarks	Start km	Goal km	Total km
1. 7:00 a.m. “Going”					
2. 8:00 a.m. “Return”					
3. 11:00 a.m. “Going”					
4. 2:00 p.m. “Return”					
5. 5:00 p.m. “Going”					
6. 6:00 p.m. “Return”					

Date		Route No.	9-2
Driver Name		GPS No.	

Route

“Going”

Start : Around Maracana Stadium
 Av. Prof. Manoel de Abreu
 R. Pereira Nunes
 Blvd. Vinte e Oito de Setembro
 R. Luis Barbosa
 R. Visc. de Santa Isabel
 Av. Menezes Cortes
 Estr. dos Tres Rios
 Estr. do Pau Ferro
 R. Araguaia
 Av. Geremário Dantas
 Goal : Av. Geremário Dantas / Ln. Amarela

“Return”

Start : Av. Geremário Dantas / Ln. Amarela
 Av. Geremário Dantas
 R. Mamore
 R. Xingu
 R. Araguaia
 Estr. do Guanumbi
 Estr. dos Tres Rios
 Estr. Santa Ines
 Av. Menezes Cortes
 R. Jose do Patrocinio
 R. Barao do Bom Retiro
 R. Teodoro da Silva
 Av. Prof. Manoel de Abreu
 Goal : Around Maracana Stadium

Timetable

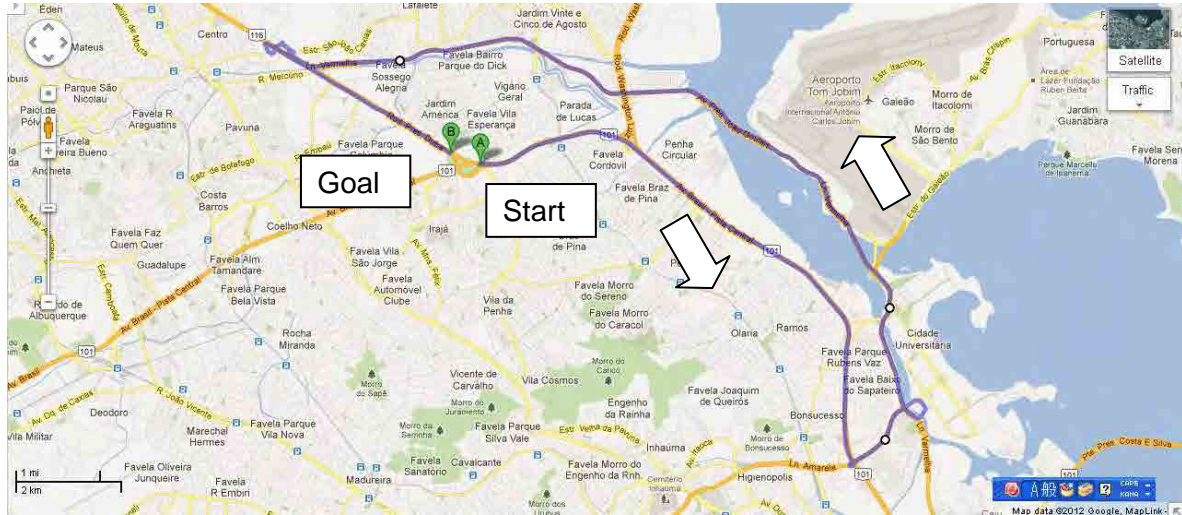
Timetable	Starting Time	Remarks	Start km	Goal km	Total km
1. 7:00 a.m. “Going”					
2. 8:00 a.m. “Return”					
3. 11:00 a.m. “Going”					
4. 2:00 p.m. “Return”					
5. 5:00 p.m. “Going”					
6. 6:00 p.m. “Return”					

10-1

Date		Route No.	10-1
Driver Name		GPS No.	

Route

“Counterclockwise”



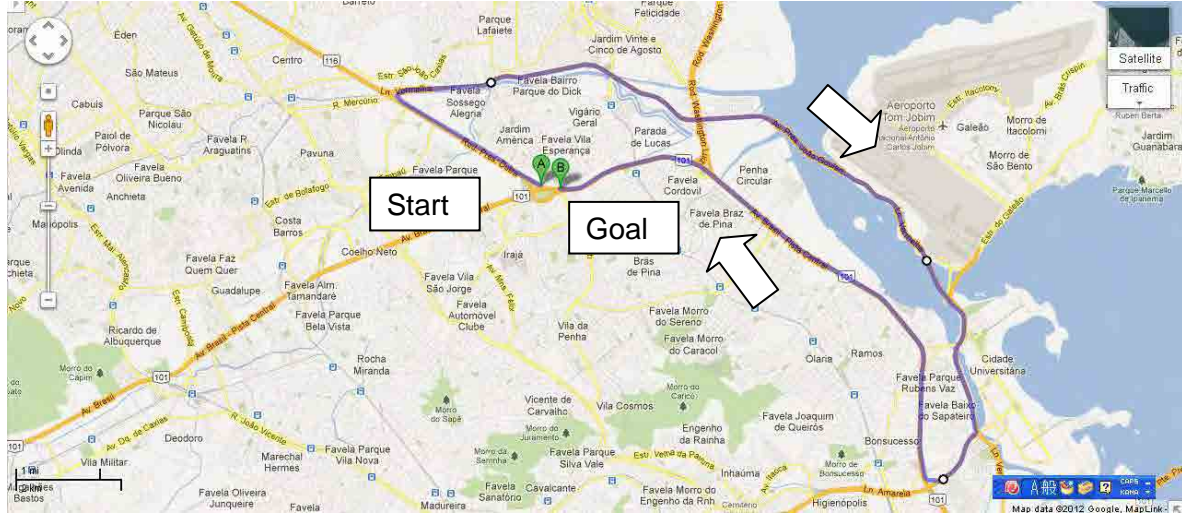
Start : Av. Brasil / Rod. Pres. Dutra
 Av. Brasil
 Av. Bento Ribeiro Dantas
 Ln. Vermelha/Av. Pres. Joao Goulart
 Rod. Pres. Dutra
 Goal : Av. Brasil / Rod. Pres. Dutra

Timetable

Timetable	Starting Time	Remarks	Start km	Goal km	Total km
1. 7:00 a.m. “Going”					
2. 8:00 a.m. “Return”					
3. 11:00 a.m. “Going”					
4. 2:00 p.m. “Return”					
5. 5:00 p.m. “Going”					
6. 6:00 p.m. “Return”					

Date		Route No.	10-2
Driver Name		GPS No.	

Route
 “Clockwise”



Start : Av. Brasil / Rod. Pres. Dutra
 Rod. Pres. Dutra
 Ln. Vermelha/Via Pres. Joao Goulart
 Av. Bento Ribeiro Dantas
 Av. Brasil
 Goal : Av. Brasil / Rod. Pres. Dutra

Timetable					
Timetable	Starting Time	Remarks	Start km	Goal km	Total km
1. 7:00 a.m. “Going”					
2. 8:00 a.m. “Return”					
3. 11:00 a.m. “Going”					
4. 2:00 a.m. “Return”					
5. 5:00 p.m. “Going”					
6. 6:00 p.m. “Return”					

Date		Route No.	11-1
Driver Name		GPS No.	

Route

“Going”

Start : Av. Ataulfo de Paiva / R. Visc. de Albuquerque
 Av. Ataulfo de Paiva
 R. Visc. de Pirajá
 R. Francisco Sá
 Av. Ns. de Copacabana
 Av. Prca. Isabel
 Av. Venceslau Brás
 Av. Pasteur
 Av. Rep. Nestor Moreira
 Av. das Nações Unidas
 Av. Inf-d. Henrique
 Av. Gen. Justo
 Vevd. da Perimetral
Goal : Vevd. da Perimetral /Av. Brasil

“Return”

Start : Vevd. da Perimetral /Av. Brasil
 Vevd. da Perimetral
 Av. Gen. Justo
 Av. Inf-d. Henrique
 Av. das Nações Unidas
 Av. Lauro Sodré
 R. Barata Ribeiro
 R. Raul Pompéia
 Av. Rnh. Elizabeth da Bélgica
 R. Apollo Onze
 R. Prudente de Moraes
 Av. Gen. San Martin
Goal : Av. Gen. San Martin / R. Visc. de Albuquerque

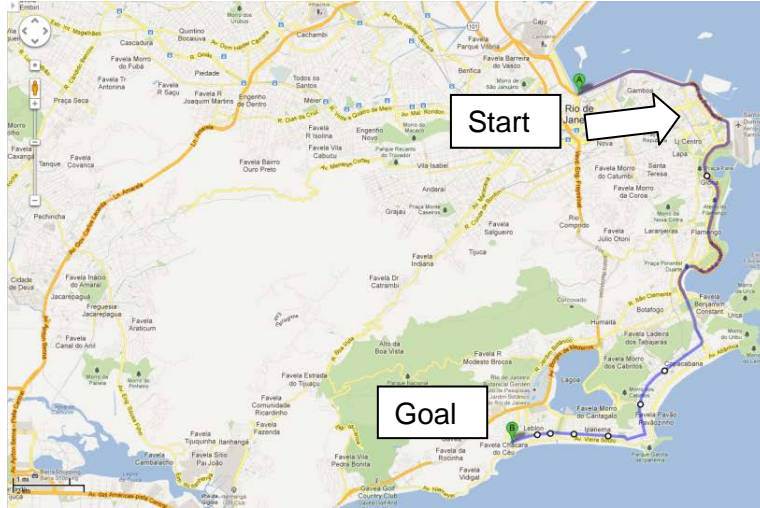
Timetable

Timetable	Starting Time	Remarks	Start km	Goal km	Total km
1. 7:00 a.m. “Going”					
2. 8:00 a.m. “Return”					
3. 11:00 a.m. “Going”					
4. 2:00 p.m. “Return”					
5. 5:00 p.m. “Going”					
6. 6:00 p.m. “Return”					

Date		Route No.	11-2
Driver Name		GPS No.	

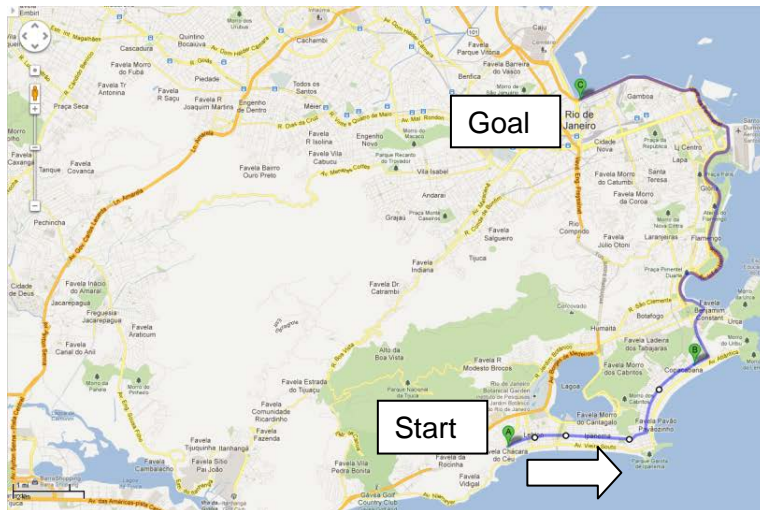
Route

“Going”



Start : Vevd. da Perimetral /Av. Brasil
 Vevd. da Perimetral
 Av. Gen. Justo
 Av. Inf-d. Henrique
 Av. das Nações Unidas
 Av. Lauro Sodré
 R. Barata Ribeiro
 R. Raul Pompéia
 Av. Rnh. Elizabeth da Bélgica
 R. Apollo Onze
 R. Prudente de Moraes
 Av. Gen. San Martin
 Goal : Av. Gen. San Martin / R. Visc.
 de Albuquerque

“Return”



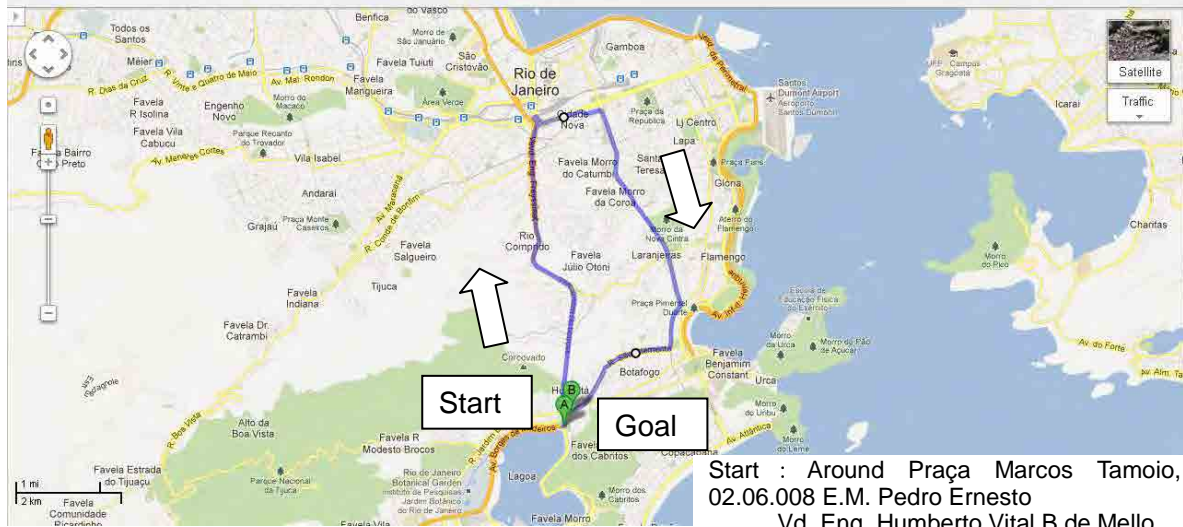
Start : Av. Ataulfo de Paiva / R. Visc.
 de Albuquerque
 Av. Ataulfo de Paiva
 R. Visc. de Pirajá
 R. Francisco Sá
 Av. Ns. de Copacabana
 Av. Prca. Isabel
 Av. Venceslau Brás
 Av. Pasteur
 Av. Rep. Nestor Moreira
 Av. das Nações Unidas
 Av. Inf-d. Henrique
 Av. Gen. Justo
 Vevd. da Perimetral
 Goal : Vevd. da Perimetral /Av. Brasil

Timetable

Timetable	Starting Time	Remarks	Start km	Goal km	Total km
1. 7:00 a.m. “Going”					
2. 8:00 a.m. “Return”					
3. 11:00 a.m. “Going”					
4. 2:00 p.m. “Return”					
5. 5:00 p.m. “Going”					
6. 6:00 p.m. “Return”					

Date		Route No.	12-1
Driver Name		GPS No.	

Route
 “Clockwise”



Start : Around Praça Marcos Tamoio,
 02.06.008 E.M. Pedro Ernesto
 Vd. Eng. Humberto Vital B de Mello
 Vd. Saint Hilaire
 Av. Vital Brasil
 Tún. André Rebouças
 Av. Vital Brasil
 Vevd. Eng. Freyssinet
 Vd. dos Pracinhas
 Av. Pres. Vargas
 R. Carmo Neto
 R. Benedicto Hipólito
 Av. Trinta e Um de Março
 Tún. Santa Bárbara
 Vd. Eng. Noronha
 R. Pinheiro Machado
 R. Muniz Barreto
 R. São Clemente
 R. Humaitá
 Goal : Around Praca Marcos Tamoio.

Timetable

Timetable	Starting Time	Remarks	Start km	Goal km	Total km
1. 7:00 a.m. “Going”					
2. 8:00 a.m. “Return”					
3. 11:00 a.m. “Going”					
4. 2:00 p.m. “Return”					
5. 5:00 p.m. “Going”					
6. 6:00 p.m. “Return”					

Date		Route No.	12-2
Driver Name		GPS No.	

Route
 “Counterclockwise”



Start : Around Praça Marcos Tamoio, 02.06.008
 E.M. Pedro Ernesto
 R. Humaitá
 R. Visc. de Silva
 R. Pinheiro Guimarães
 R. Gen. Polidoro
 R. Arnaldo Quintela
 R. Bartolomeu Portela
 R. Gen. Severiano
 Av. Pasteur
 Vd. Pedro Álvares Cabral
 Praia de Botafogo
 R. Pinheiro Machado
 Vd. Eng. Noronha
 Tún. Santa Bárbara
 Av. Trinta e Um de Março
 Av. Pres. Vargas
 Vd. dos Marinheiros
 Vevd. Eng. Freyssinet
 Av. Vital Brasil
 Tún. Antônio Rebouças
 Av. Vital Brasil
 Vd. Saint Hilaire
 Vd. Eng. Humberto Vital B de Mello
 Goal : Around Praça Marcos Tamoio, 02.06.008
 E.M. Pedro Ernesto

Timetable

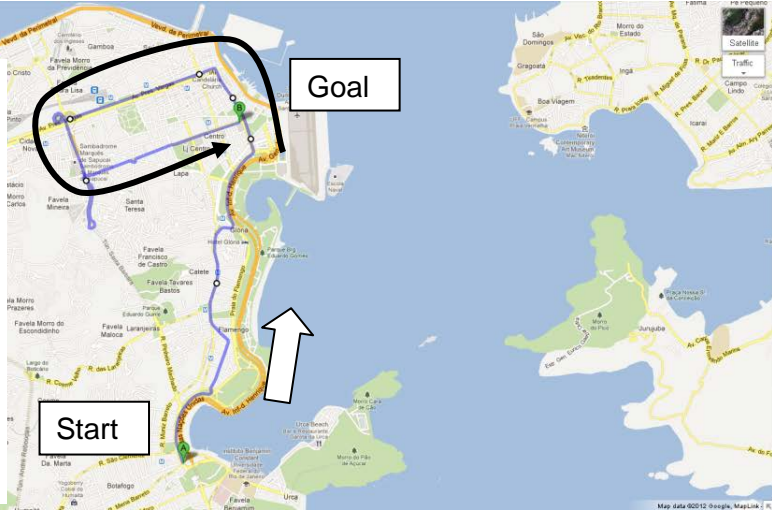
Timetable	Starting Time	Remarks	Start km	Goal km	Total km
1. 7:00 a.m. “Going”					
2. 8:00 a.m. “Return”					
3. 11:00 a.m. “Going”					
4. 2:00 p.m. “Return”					
5. 5:00 p.m. “Going”					
6. 6:00 p.m. “Return”					

Date		Route No.	13-1
Driver Name		GPS No.	

Route

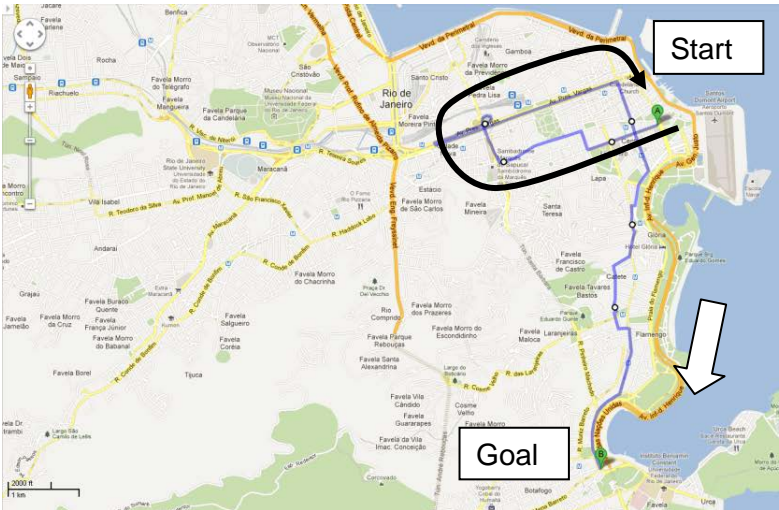
“Going”

Start : Around Largo Alm Indio do Brasil
 Praia de Botafogo
 Praça Marinha do Brasil
 R. Sen. Vergueiro
 R. do Catete
 Lrg. da Glória
 R. do Russel
 Av. Beira Mar
 Av. Pres. Antônio Carlos
 Av. Pres. Vargas
 R. Cmte. Mauriti
 Tún. Martins de Sá
 Av. Henrique Valadares
 R. da Relação
 Av. República do Chile
 Av. Alm. Barroso
 Goal : Av. Alm. Barroso / Av. Pres. Antonio Carlos



“Return”

Start : Av. Alm. Barroso / Av. Pres. Antonio Carlos
 Av. Alm. Barroso
 Av. República do Chile
 R. do Lavrádio
 R. Visc. do Rio Branco
 R. Fr. Caneca
 Av. Trinta e Um de Março
 Av. Pres. Vargas
 Av. Rio Branco
 R. Mte. Valentim
 Av. Augusto Severo
 R. da Glória
 R. do Catete
 R. Pedro Américo
 R. Bento Lisboa
 R. Min. Tavares de Lira
 R. Conde de Baependi
 R. Mq. de Abrantes
 Praia de Botafogo
 Goal : Around Largo Alm Indio do Brasil



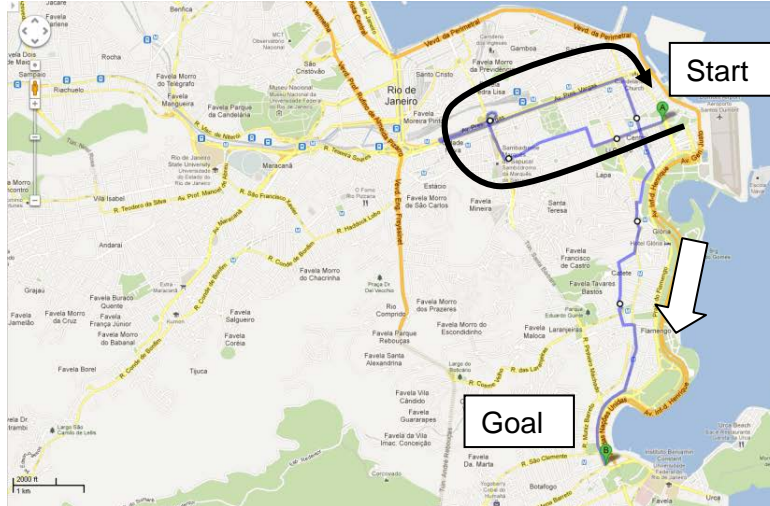
Timetable

Timetable	Starting Time	Remarks	Start km	Goal km	Total km
1. 7:00 a.m. “Going”					
2. 8:00 a.m. “Return”					
3. 11:00 a.m. “Going”					
4. 2:00 p.m. “Return”					
5. 5:00 p.m. “Going”					
6. 6:00 p.m. “Return”					

Date		Route No.	13-2
Driver Name		GPS No.	

Route

“Going”

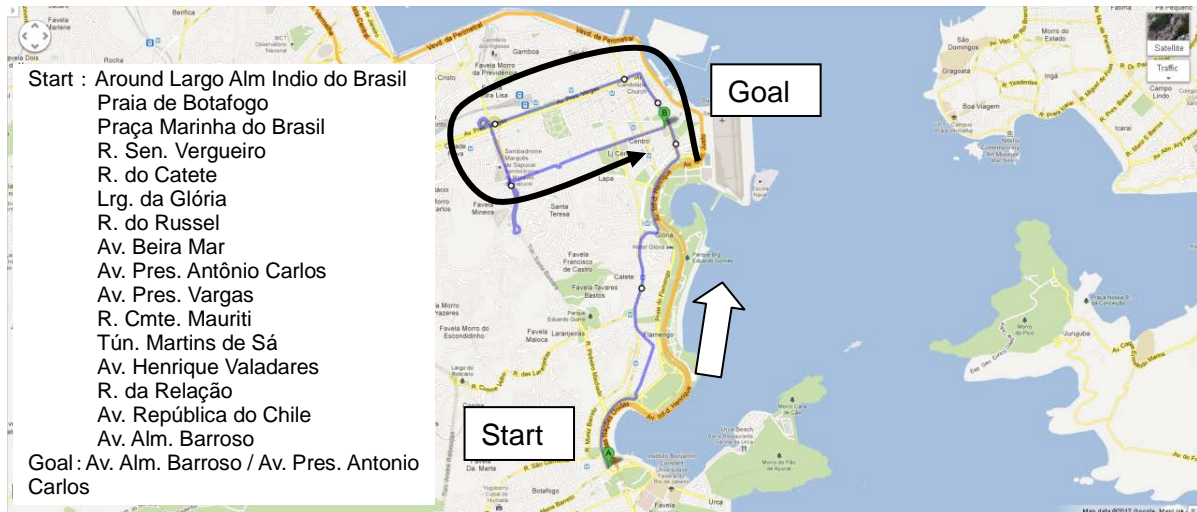


Start : Av. Alm. Barroso / Av. Pres. Antonio Carlos

- Av. Alm. Barroso
- Av. República do Chile
- R. do Lavrádio
- R. Visc. do Rio Branco
- R. Fr. Caneca
- Av. Trinta e Um de Março
- Av. Pres. Vargas
- Av. Rio Branco
- R. Mte. Valentim
- Av. Augusto Severo
- R. da Glória
- R. do Catete
- R. Pedro Américo
- R. Bento Lisboa
- R. Min. Tavares de Lira
- R. Conde de Baependi
- R. Mq. de Abrantes
- Praia de Botafogo

Goal : Around Largo Alm Indio do Brasil

“Return”



- Start : Around Largo Alm Indio do Brasil
 Praia de Botafogo
 Praça Marinha do Brasil
 R. Sen. Vergueiro
 R. do Catete
 Lrg. da Glória
 R. do Russel
 Av. Beira Mar
 Av. Pres. Antônio Carlos
 Av. Pres. Vargas
 R. Cmte. Mauriti
 Tún. Martins de Sá
 Av. Henrique Valadares
 R. da Relação
 Av. República do Chile
 Av. Alm. Barroso
- Goal : Av. Alm. Barroso / Av. Pres. Antonio Carlos

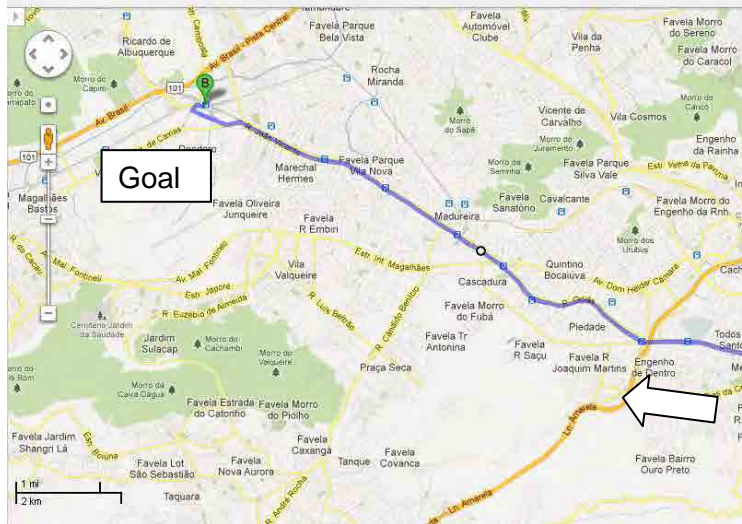
Timetable

Timetable	Starting Time	Remarks	Start km	Goal km	Total km
1. 7:00 a.m. “Going”					
2. 8:00 a.m. “Return”					
3. 11:00 a.m. “Going”					
4. 2:00 p.m. “Return”					
5. 5:00 p.m. “Going”					
6. 6:00 p.m. “Return”					

Date		Route No.	14-1
Driver Name		GPS No.	

Route

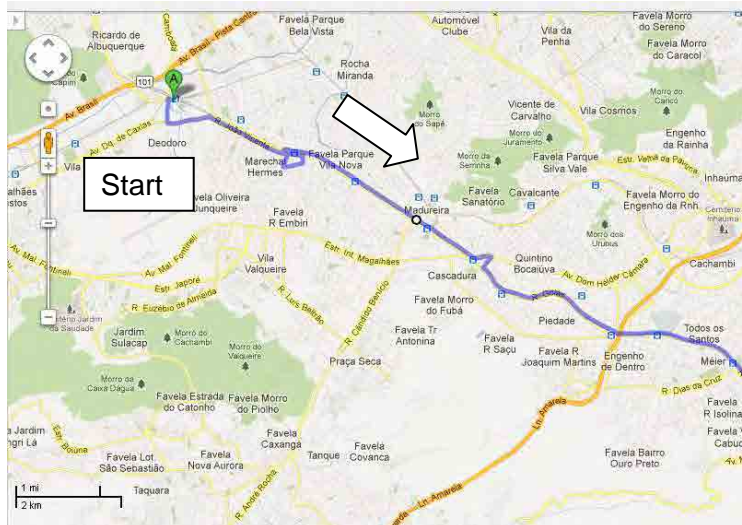
“Going”



Start : Around Maracana Stadium
 Av. Pres. Castelo Branco
 R. Sao Francisco Xavier
 R. Vinte e Quatro de Maio
 Av. Amaro Cavalcanti
 R. Manoel Vitorino
 R. Elias da Silva
 R. Nerval de Gouvea
 R. Angelo Dantas
 R. Joao Vicente
 Av. Dq. de Caxias
 Praca Deodoro
 Goal : Deodoro Station



“Return”



Start : Deodoro Station
 Praca Deodoro
 R. dos Abacates
 R. Joao Vicente
 R. Gita
 R. Joao Vicente
 Av. Dom Helder Camara
 R. Goias
 R. Souza Barros
 R. Vinte e Quatro de Maio
 Av. Mal. Rondon
 R. Sao Francisco Xavier
 Av. Pres. Castelo Branco
 Goal : Around Maracana Stadium



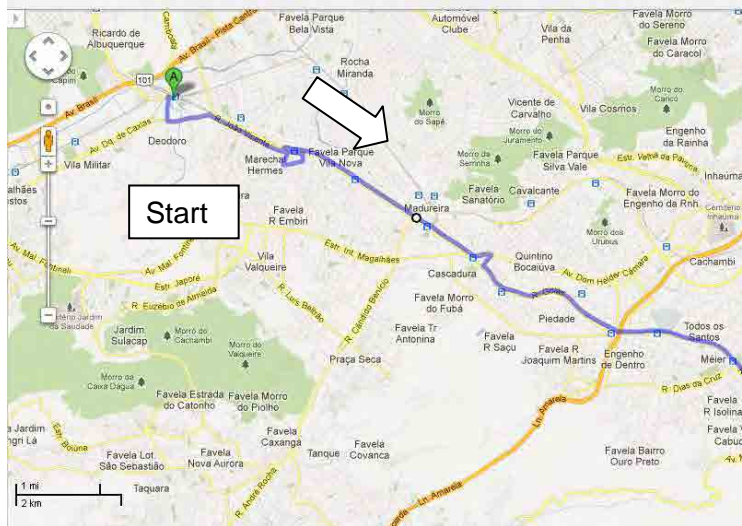
Timetable

Timetable	Starting Time	Remarks	Start km	Goal km	Total km
1. “Going”	7:00 a.m.				
2. “Return”	8:00 a.m.				
3. “Going”	11:00 a.m.				
4. “Return”	2:00 p.m.				
5. “Going”	5:00 p.m.				
6. “Return”	6:00 p.m.				

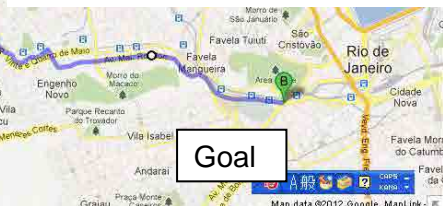
Date		Route No.	14-2
Driver Name		GPS No.	

Route

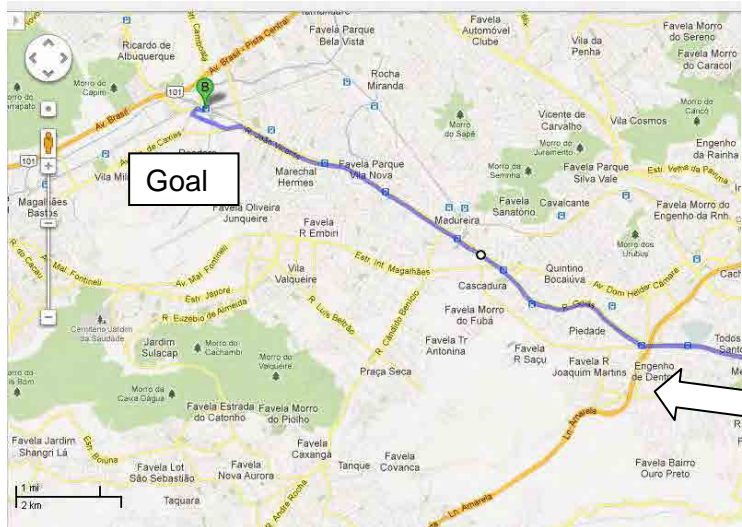
“Going”



Start : Deodoro Station
 Praca Deodoro
 R. dos Abacates
 R. Joao Vicente
 R. Gita
 R. Joao Vicente
 Av. Dom Helder Camara
 R. Goias
 R. Souza Barros
 R. Vinte e Quatro de Maio
 Av. Mal. Rondon
 R. Sao Francisco Xavier
 Av. Pres. Castelo Branco
 Goal : Around Maracana Stadium



“Return”



Start : Around Maracana Stadium
 Av. Pres. Castelo Branco
 R. Sao Francisco Xavier
 R. Vinte e Quatro de Maio
 Av. Amaro Cavalcanti
 R. Manoel Vitorino
 R. Elias da Silva
 R. Nerval de Gouvea
 R. Angelo Dantas
 R. Joao Vicente
 Av. Dq. de Caxias
 Praca Deodoro
 Goal : Deodoro Station



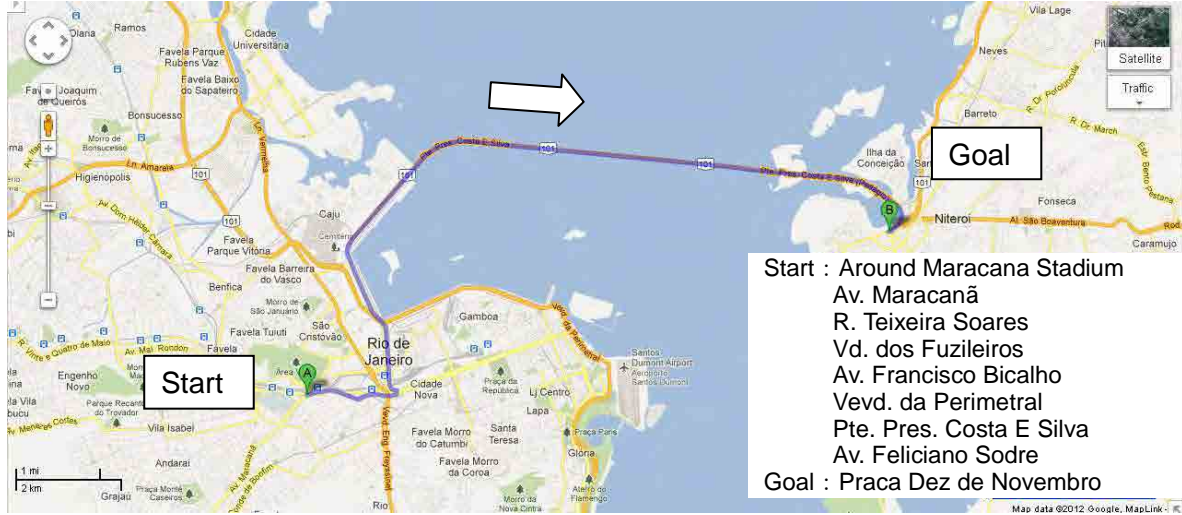
Timetable

Timetable	Starting Time	Remarks	Start km	Goal km	Total km
1. “Going”	7:00 a.m.				
2. “Return”	8:00 a.m.				
3. “Going”	11:00 a.m.				
4. “Return”	2:00 p.m.				
5. “Going”	5:00 p.m.				
6. “Return”	6:00 p.m.				

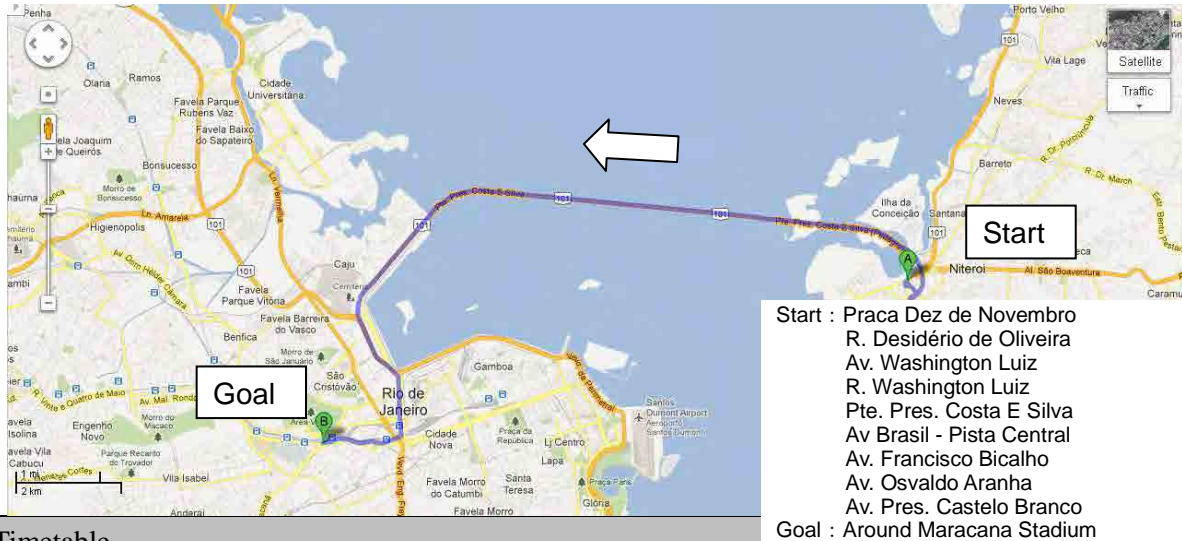
Date		Route No.	15-1
Driver Name		GPS No.	

Route

“Going”



“Return”



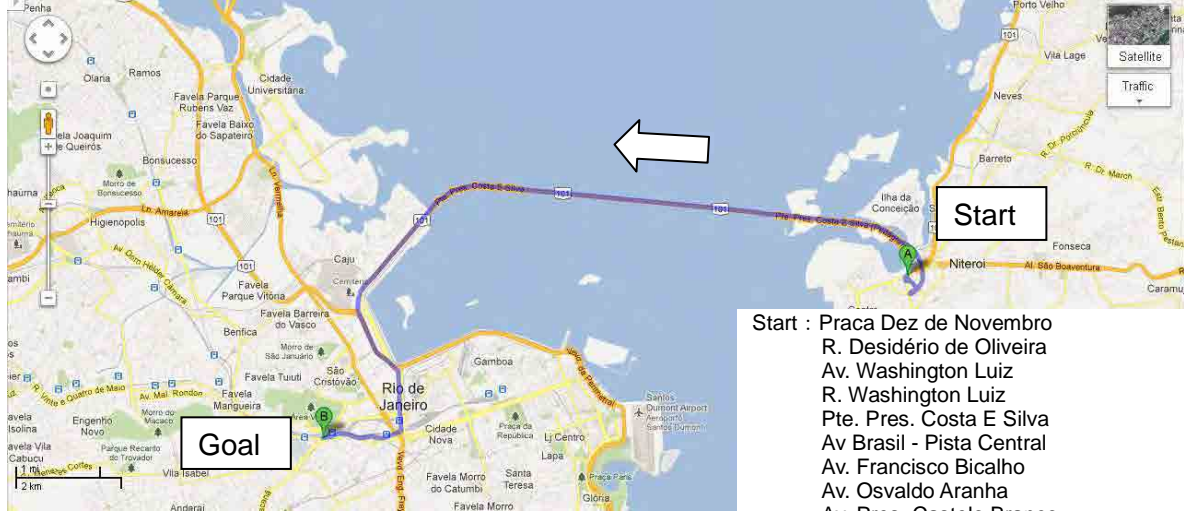
Timetable

Timetable	Starting Time	Remarks	Start km	Goal km	Total km
1. “Going”	7:00 a.m.				
2. “Return”	8:00 a.m.				
3. “Going”	11:00 a.m.				
4. “Return”	2:00 p.m.				
5. “Going”	5:00 p.m.				
6. “Return”	6:00 p.m.				

Date		Route No.	15-2
Driver Name		GPS No.	

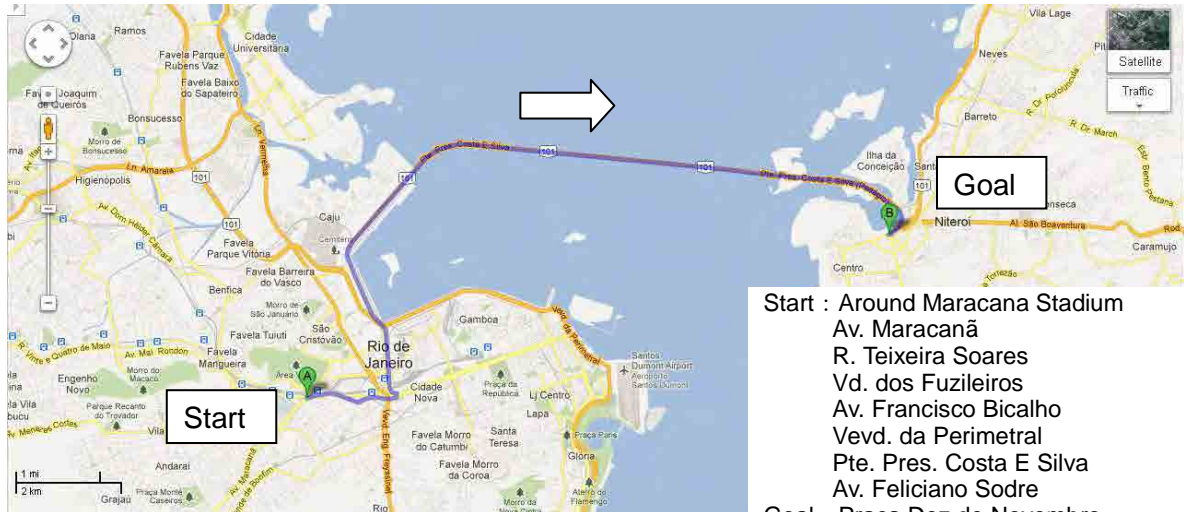
Route

“Going”



Start : Praca Dez de Novembro
 R. Desidério de Oliveira
 Av. Washington Luiz
 R. Washington Luiz
 Pte. Pres. Costa E Silva
 Av Brasil - Pista Central
 Av. Francisco Bicalho
 Av. Osvaldo Aranha
 Av. Pres. Castelo Branco
Goal : Around Maracana Stadium

“Return”



Start : Around Maracana Stadium
 Av. Maracanã
 R. Teixeira Soares
 Vd. dos Fuzileiros
 Av. Francisco Bicalho
 Vevd. da Perimetral
 Pte. Pres. Costa E Silva
 Av. Feliciano Sodre
Goal : Praca Dez de Novembro

Timetable

Timetable	Starting Time	Remarks	Start km	Goal km	Total km
1. “Going”	7:00 a.m.				
2. “Return”	8:00 a.m.				
3. “Going”	11:00 a.m.				
4. “Return”	2:00 p.m.				
5. “Going”	5:00 p.m.				
6. “Return”	6:00 p.m.				