

RELATÓRIO DE PESQUISAS

CONTAGEM VOLUMÉTRICA CLASSIFICADA EM CRUZAMENTOS (15)

N18 - Av. Independência X R. João de Bortoli/ R. Raul Peixoto

Ref.: RT-4378-01-200-3J21-N18_A



Ribeirão Preto - SP

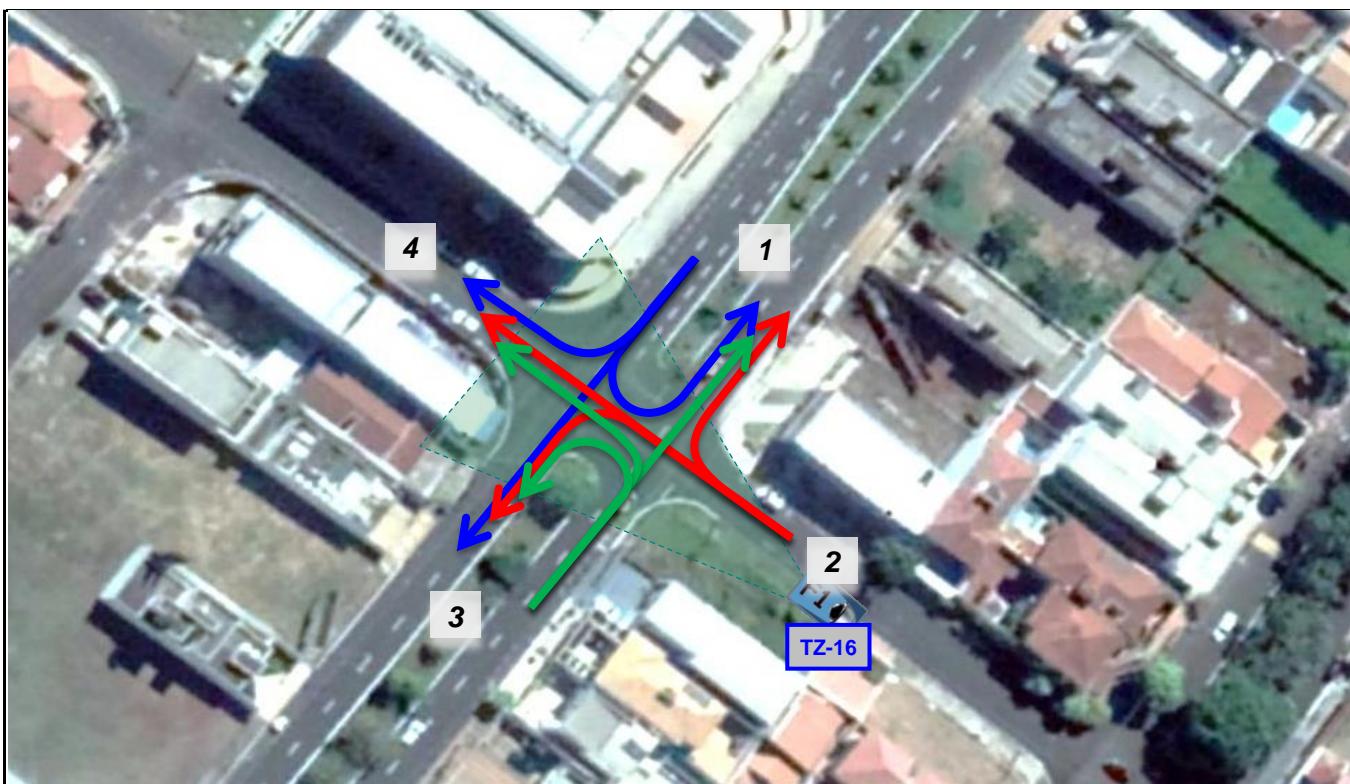
Dezembro de 2018

Responsável Técnico:

Fábio de Campos Bittencourt

CREA N°:

ART 28027230181266891

Croquis**N18 - Av. Independência X R. João de Bortoli/ R. Raul Peixoto****Vídeos****Movimentos Contados**

- | | |
|-------|--------------------------------------------------|
| 1 > 1 | Av. Independência Retorno |
| 1 > 3 | Av. Independência em frente |
| 1 > 4 | Av. Independência conv à dir. R. João de Bortoli |
| 2 > 1 | R. Raul Peixoto conv à dir. Av. Independência |
| 2 > 3 | R. Raul Peixoto conv à esq. Av. Independência |
| 2 > 4 | R. Raul Peixoto em frente R. João de Bortoli |
| 3 > 1 | Av. Independência em frente |
| 3 > 3 | Av. Independência Retorno |
| 3 > 4 | Av. Independência conv à esq. R. João de Bortoli |

Perfil Horário N18 - Av. Independência X R. João de Bortoli/ R. Raul Peixoto

— PCU
— perna 1 PCU
— perna 2 PCU
— perna 3 PCU

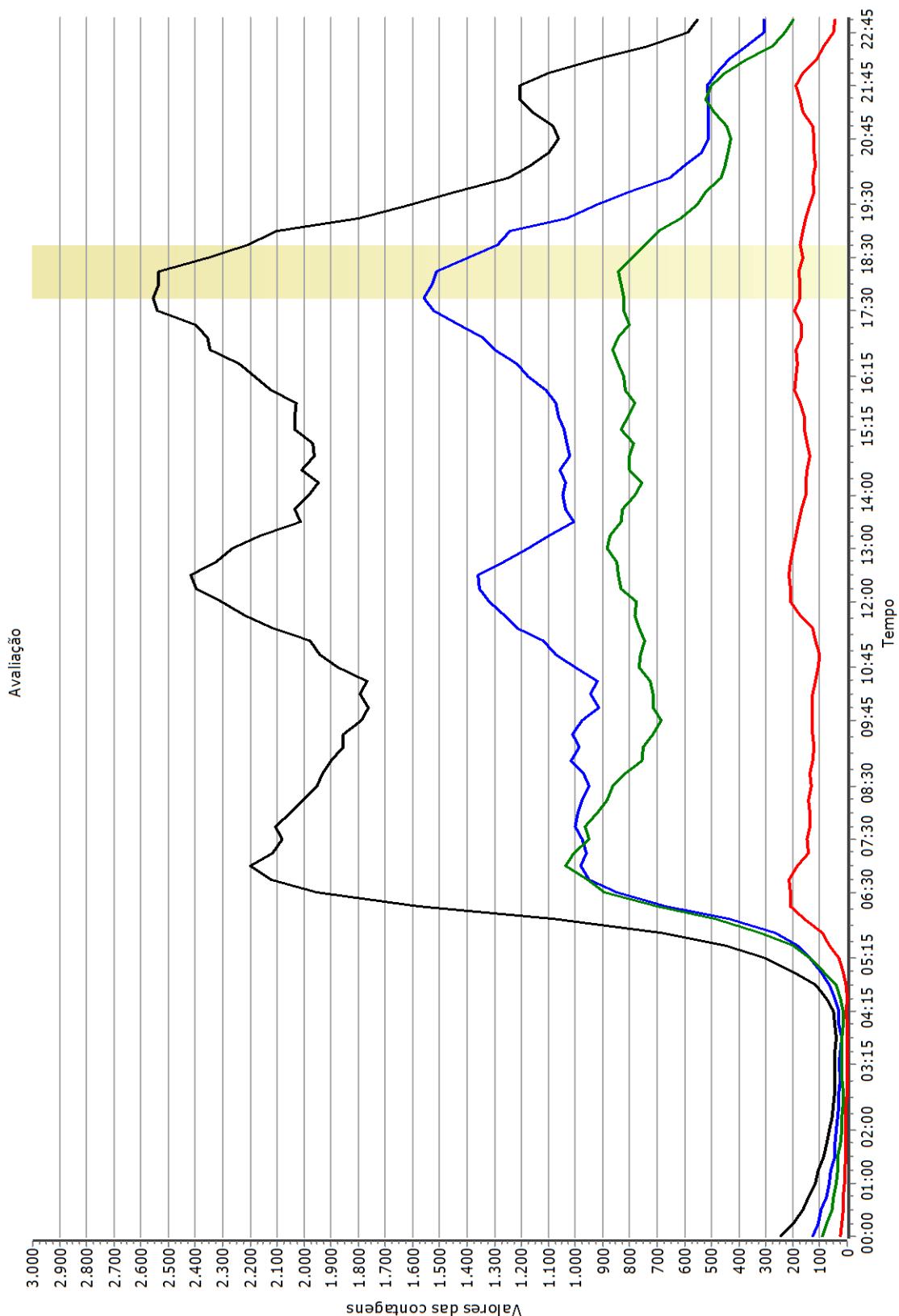
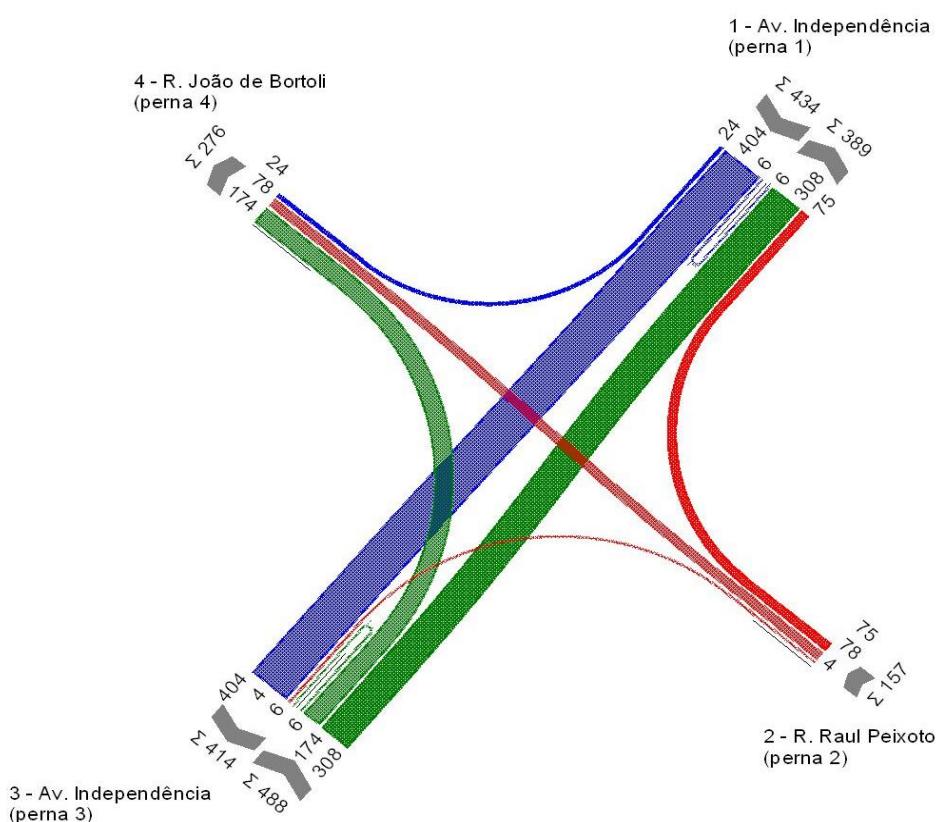


Diagrama de Fluxos**N18 - Av. Independência X R. João de Bortoli/ R. Raul Peixoto**

Contagem De 24/10/2018 as 20h00 até 25/10/2018 as 20h00
 Valor horário máximo 06:00 - 07:00
 On the basis of a time period 24.10.2018 06:00 - 24.10.2018 07:00
 1079 PCU

De \ Para	1	2	3	4
1	6		404	24
2	75		4	78
3	308		6	174
4				

20
100
400



Contagem De 24/10/2018 as 20h00 até 25/10/2018 as 20h00
 Valor horário máximo 07:00 - 08:00
 On the basis of a time period 24.10.2018 07:00 - 24.10.2018 08:00
 2198 PCU

De \ Para	1	2	3	4
1	22		887	72
2	84		14	84
3	702		12	321
4				

20
100
800

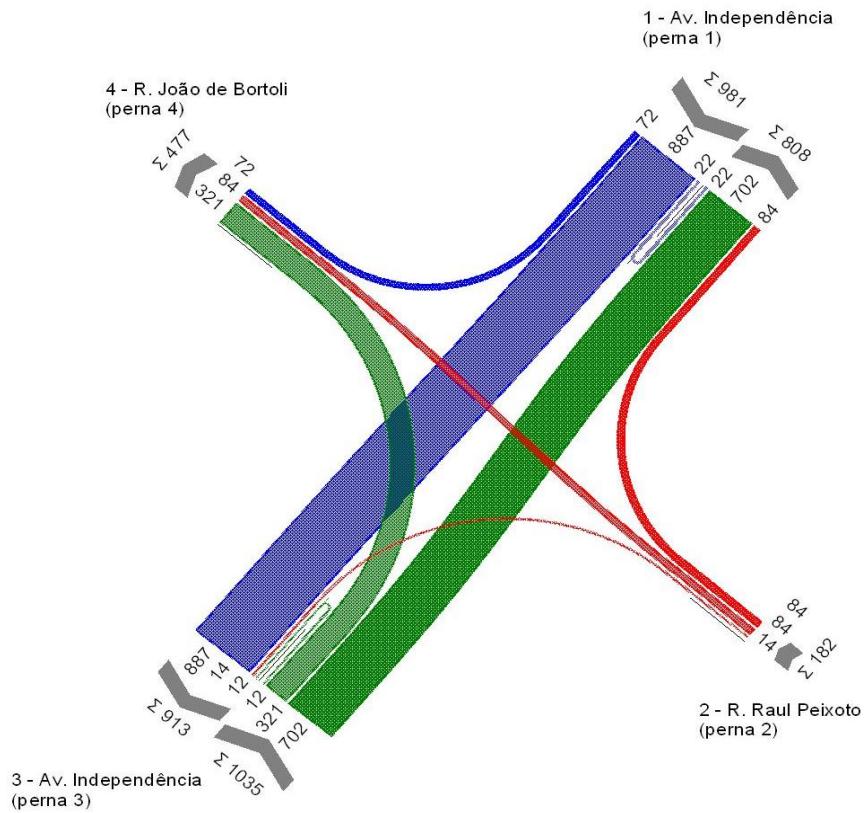


Diagrama de Fluxos N18 - Av. Independência X R. João de Bortoli/ R. Raul Peixoto

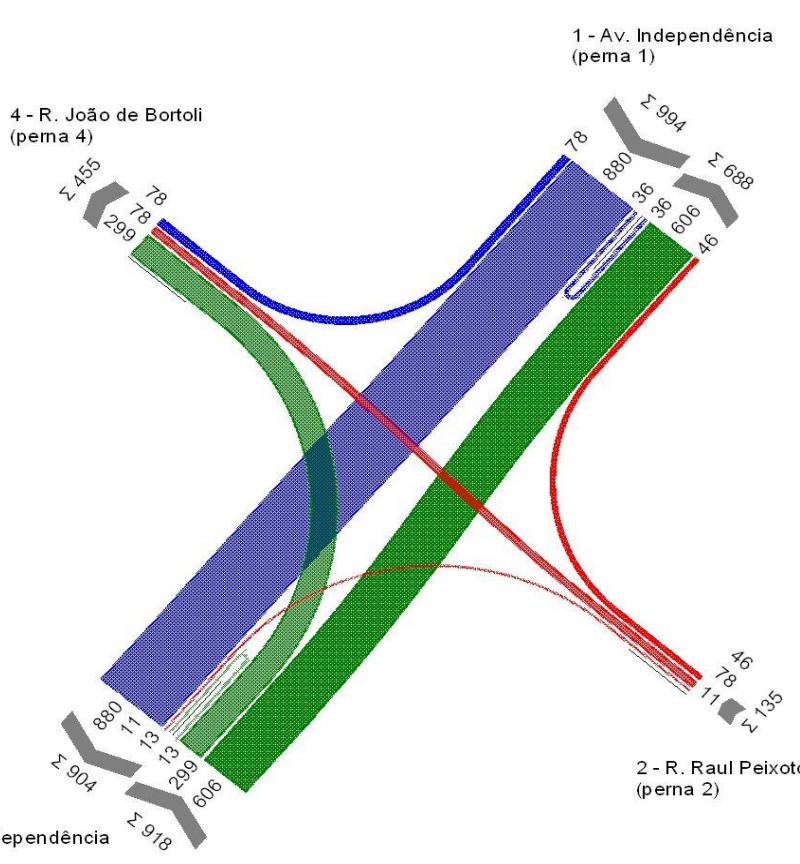
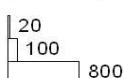
Contagem De 24/10/2018 as 20h00 até 25/10/2018 as 20h00

Valor horário máximo 08:00 - 09:00

On the basis of a time period 24.10.2018 08:00 - 24.10.2018 09:00

2047 PCU

De \ Para	1	2	3	4
1	36		880	78
2	46		11	78
3	606		13	299
4				



Contagem De 24/10/2018 as 20h00 até 25/10/2018 as 20h00

Valor horário máximo 09:00 - 10:00

On the basis of a time period 24.10.2018 09:00 - 24.10.2018 10:00

1904 PCU

De \ Para	1	2	3	4
1	68		830	118
2	47		10	74
3	502		14	241
4				

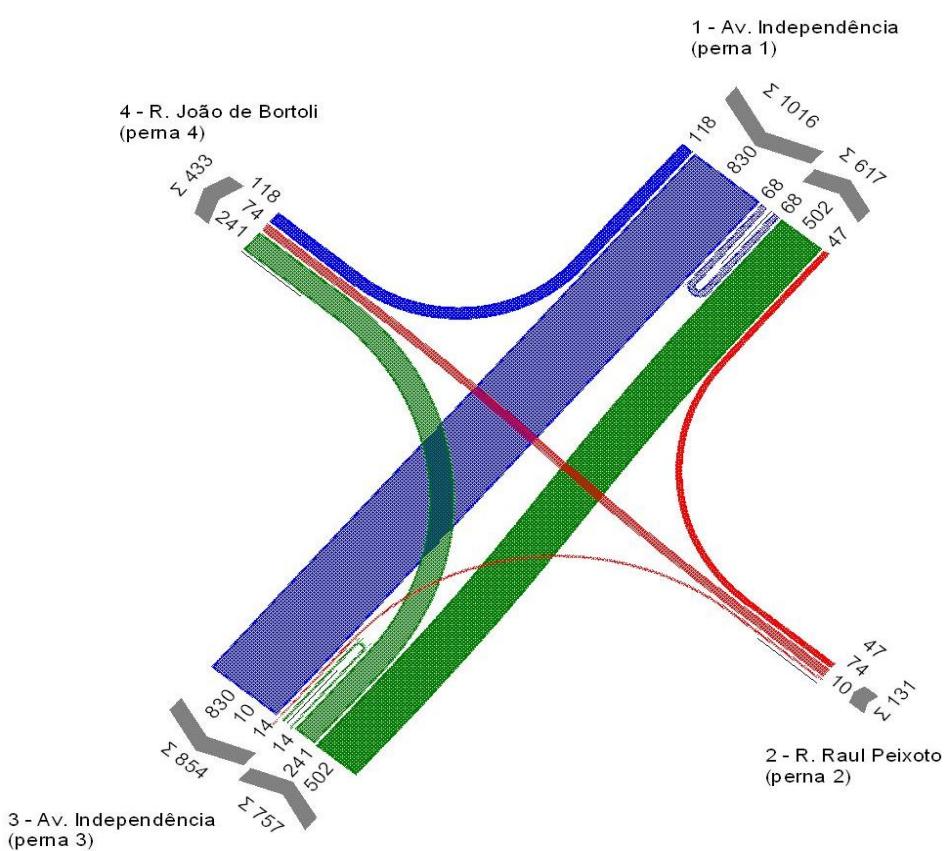
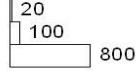


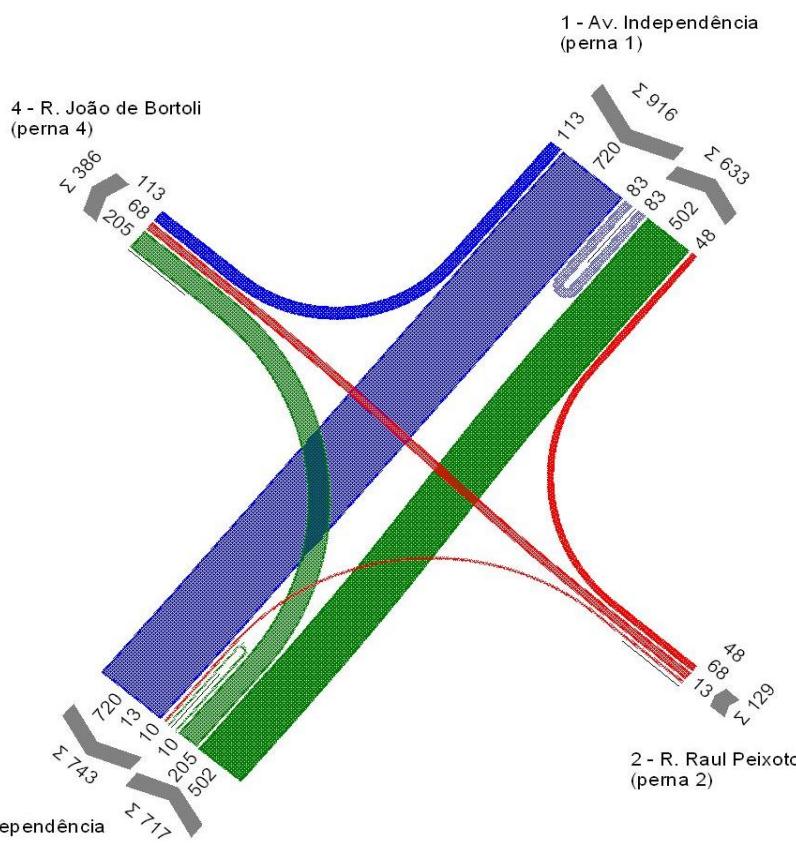
Diagrama de Fluxos N18 - Av. Independência X R. João de Bortoli/ R. Raul Peixoto

Contagem De 24/10/2018 as 20h00 até 25/10/2018 as 20h00
 Valor horário máximo 10:00 - 11:00

On the basis of a time period 24.10.2018 10:00 - 24.10.2018 11:00
 1762 PCU

De \Para	1	2	3	4
1	83		720	113
2	48		13	68
3	502		10	205
4				

20
 100
 700



Contagem De 24/10/2018 as 20h00 até 25/10/2018 as 20h00
 Valor horário máximo 11:00 - 12:00
 On the basis of a time period 24.10.2018 11:00 - 24.10.2018 12:00
 1941 PCU

De \Para	1	2	3	4
1	67		893	114
2	28		8	68
3	513		16	234
4				

20
 100
 800

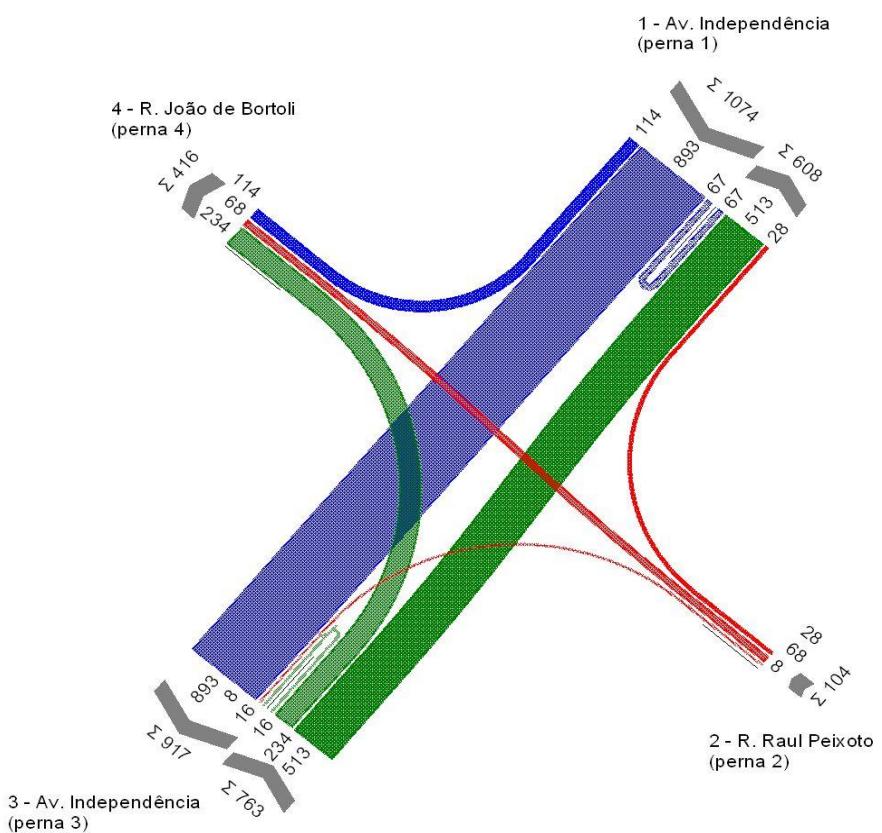
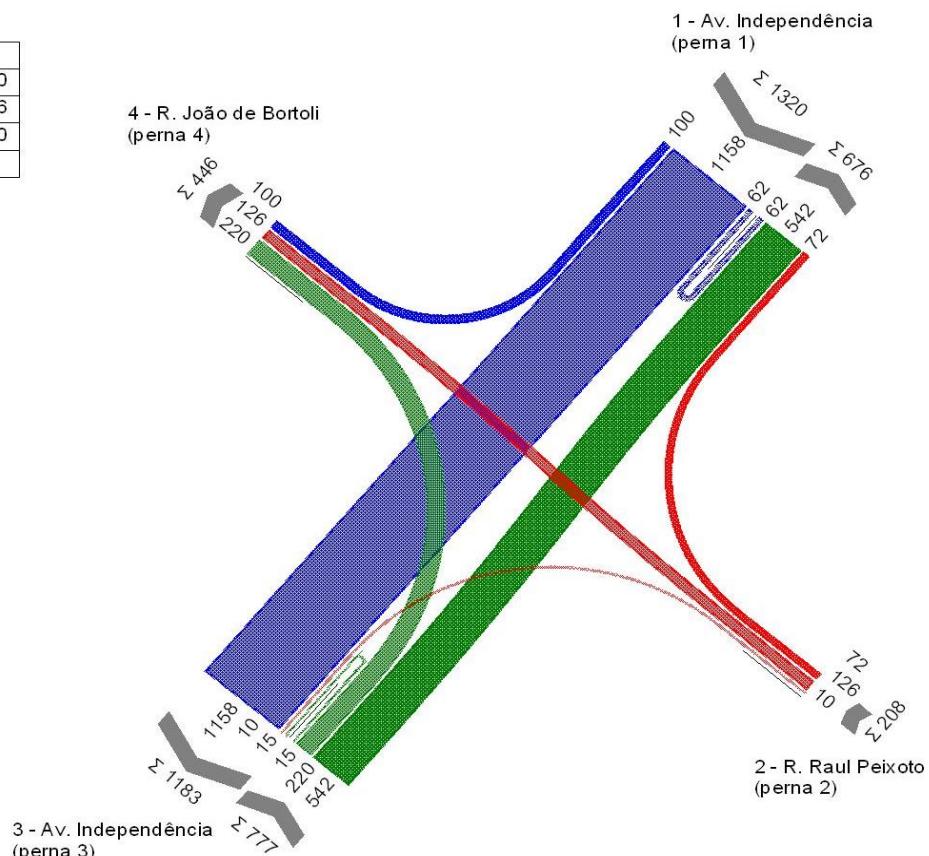


Diagrama de Fluxos N18 - Av. Independência X R. João de Bortoli/ R. Raul Peixoto

Contagem De 24/10/2018 as 20h00 até 25/10/2018 as 20h00
 Valor horário máximo 12:00 - 13:00
 On the basis of a time period 24.10.2018 12:00 - 24.10.2018 13:00
 2305 PCU

De \ Para	1	2	3	4
1	62		1158	100
2	72		10	126
3	542		15	220
4				

■ 100
 □ 500
 ▨ 1000



Contagem De 24/10/2018 as 20h00 até 25/10/2018 as 20h00
 Valor horário máximo 13:00 - 14:00
 On the basis of a time period 24.10.2018 13:00 - 24.10.2018 14:00
 2261 PCU

De \ Para	1	2	3	4
1	52		1025	98
2	73		12	115
3	614		12	260
4				

■ 100
 □ 500
 ▨ 1000

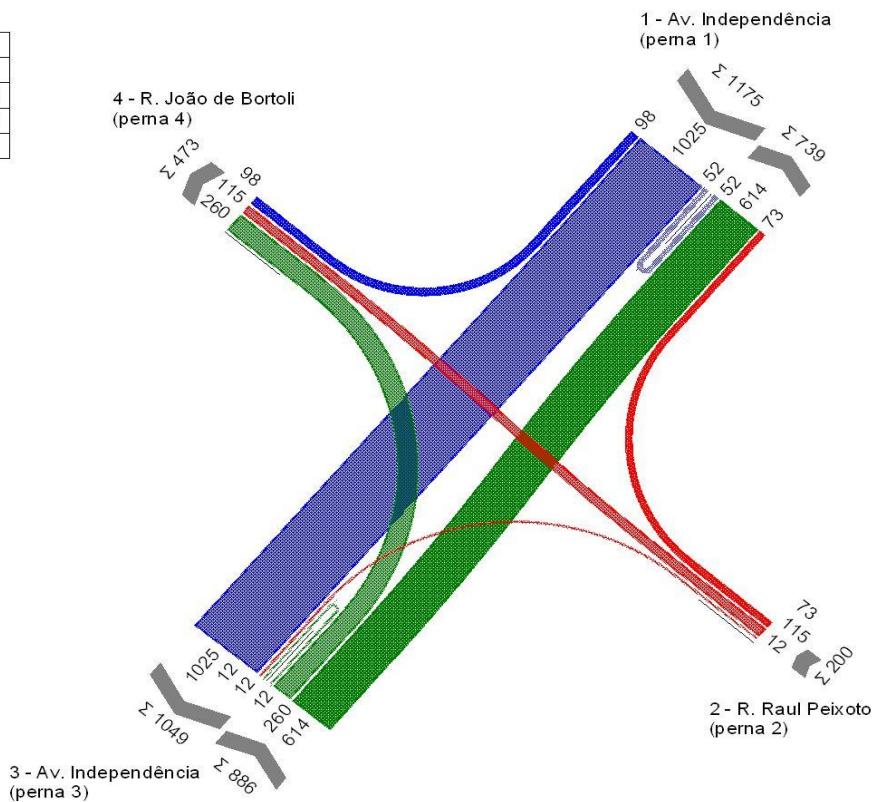
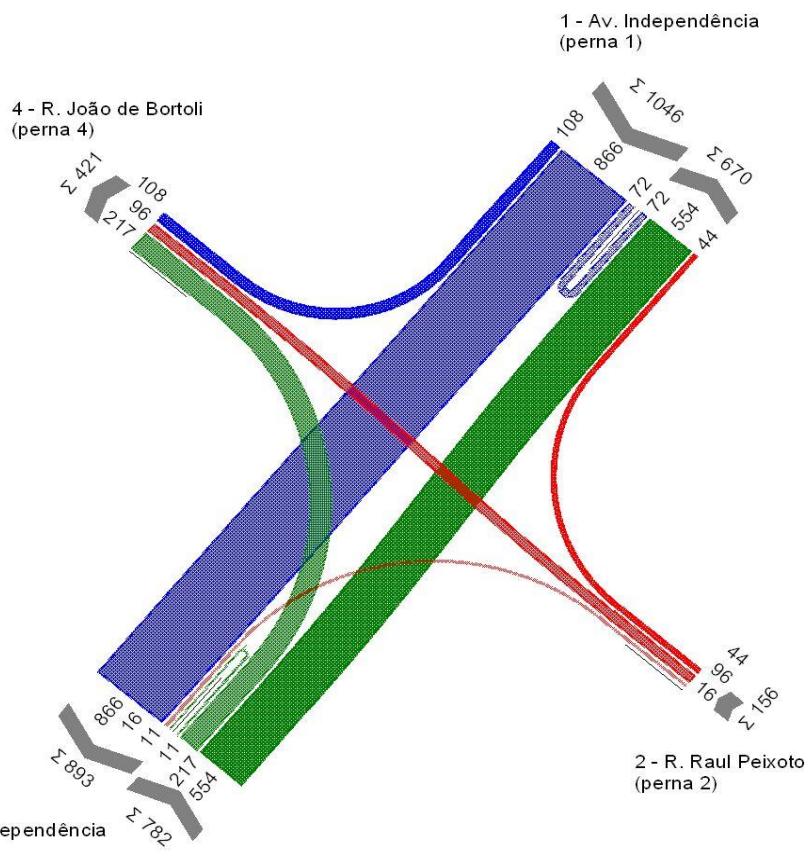


Diagrama de Fluxos N18 - Av. Independência X R. João de Bortoli/ R. Raul Peixoto

Contagem De 24/10/2018 as 20h00 até 25/10/2018 as 20h00
 Valor horário máximo 14:00 - 15:00
 On the basis of a time period 24.10.2018 14:00 - 24.10.2018 15:00
 1984 PCU

De \ Para	1	2	3	4
1	72		866	108
2	44		16	96
3	554		11	217
4				

20
 100
 800



Contagem De 24/10/2018 as 20h00 até 25/10/2018 as 20h00
 Valor horário máximo 15:00 - 16:00
 On the basis of a time period 24.10.2018 15:00 - 24.10.2018 16:00
 1965 PCU

De \ Para	1	2	3	4
1	72		846	115
2	40		10	96
3	568		6	212
4				

20
 100
 800

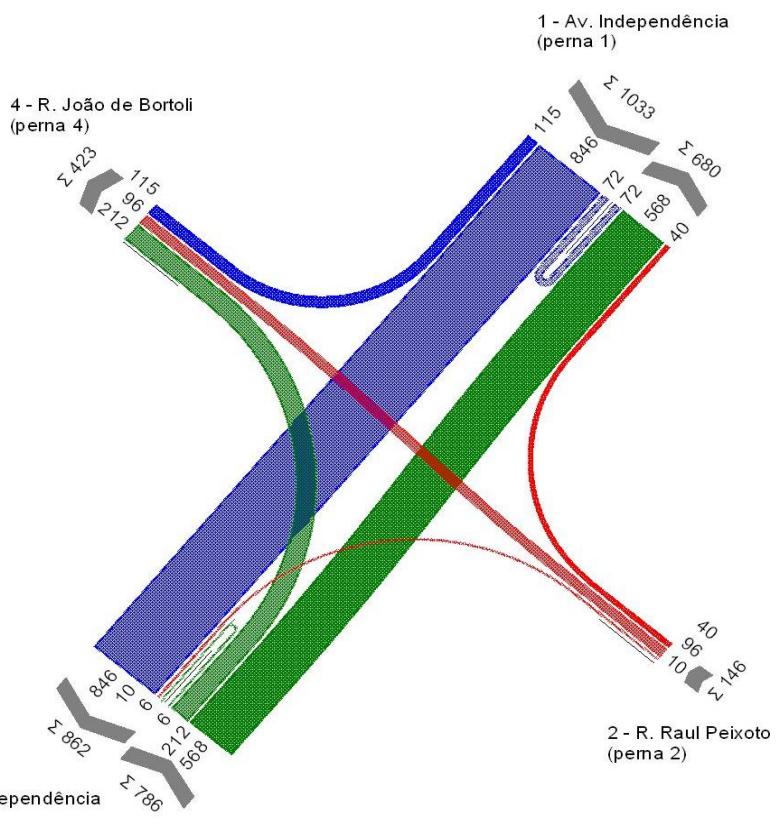


Diagrama de Fluxos N18 - Av. Independência X R. João de Bortoli/ R. Raul Peixoto

Contagem De 24/10/2018 as 20h00 até 25/10/2018 as 20h00

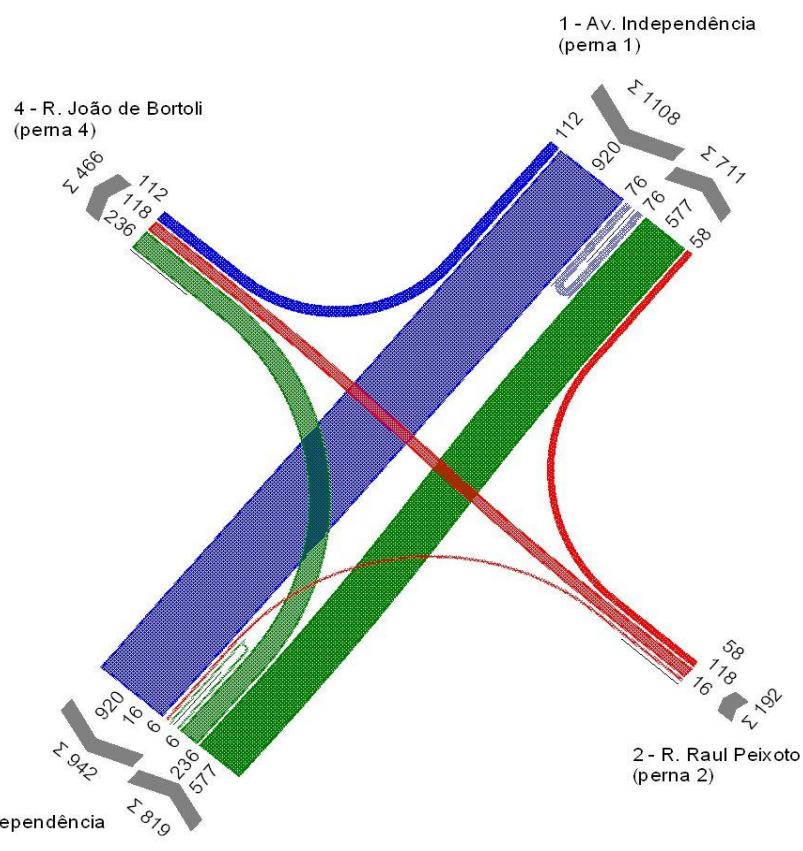
Valor horário máximo 16:00 - 17:00

On the basis of a time period 24.10.2018 16:00 - 24.10.2018 17:00

2119 PCU

De \ Para	1	2	3	4
1	76		920	112
2	58		16	118
3	577		6	236
4				

20
100
900



Contagem De 24/10/2018 as 20h00 até 25/10/2018 as 20h00

Valor horário máximo 17:00 - 18:00

On the basis of a time period 24.10.2018 17:00 - 24.10.2018 18:00

2356 PCU

De \ Para	1	2	3	4
1	62		1170	110
2	49		6	114
3	536		6	303
4				

100
500
1000

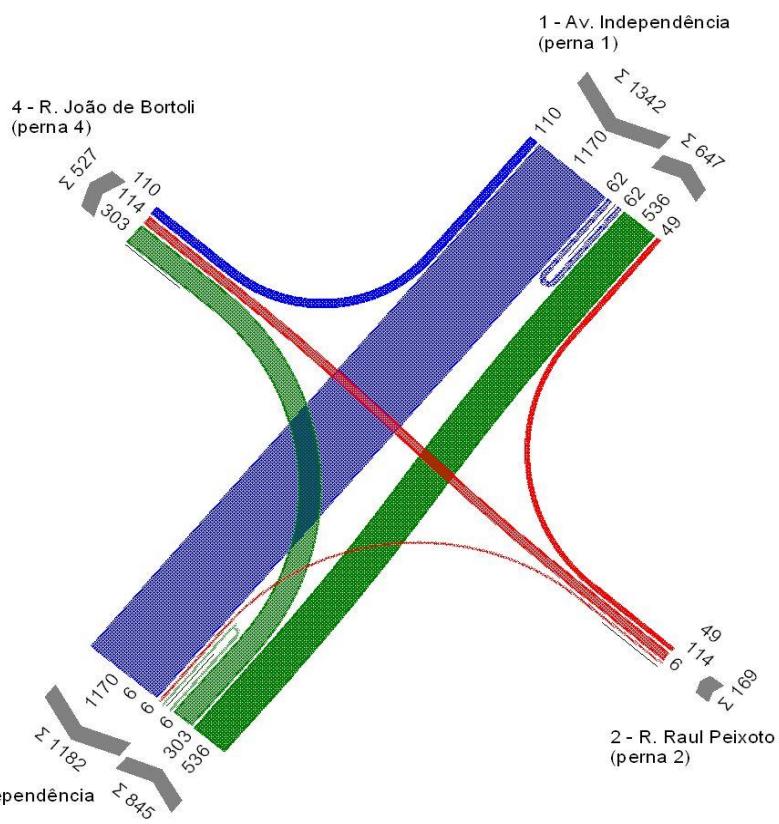
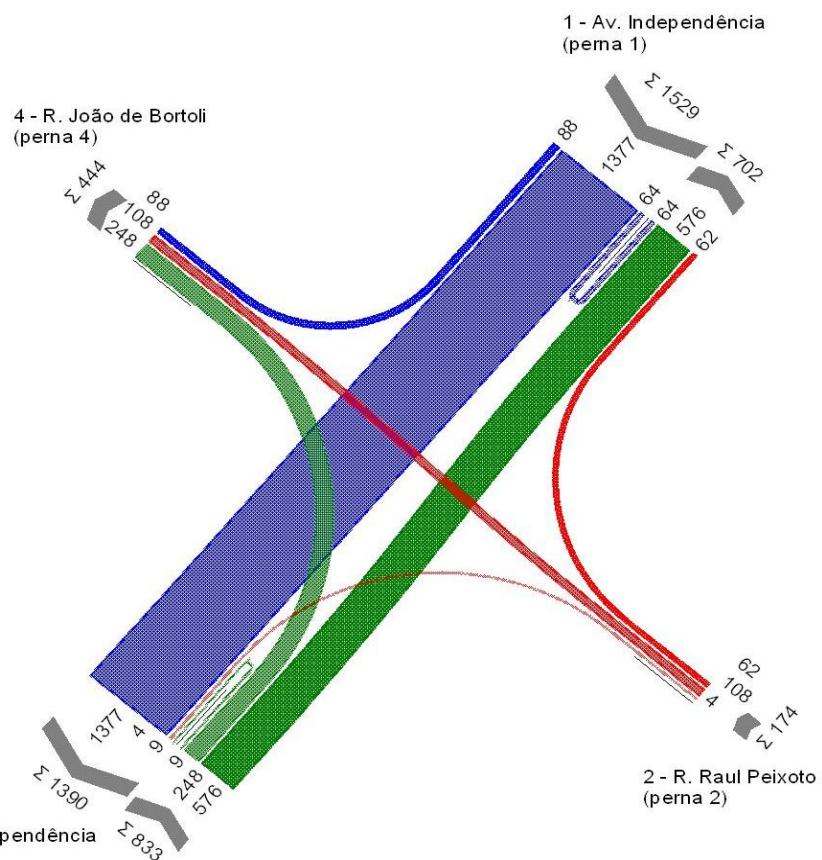
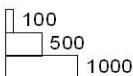


Diagrama de Fluxos N18 - Av. Independência X R. João de Bortoli/ R. Raul Peixoto

Contagem De 24/10/2018 as 20h00 até 25/10/2018 as 20h00
 Valor horário máximo 18:00 - 19:00
 On the basis of a time period 24.10.2018 18:00 - 24.10.2018 19:00
 2536 PCU

De \ Para	1	2	3	4
1	64		1377	88
2	62		4	108
3	576		9	248
4				



Contagem De 24/10/2018 as 20h00 até 25/10/2018 as 20h00
 Valor horário máximo 19:00 - 20:00
 On the basis of a time period 24.10.2018 19:00 - 24.10.2018 20:00
 2098 PCU

De \ Para	1	2	3	4
1	40		1144	56
2	54		11	97
3	469		3	224
4				

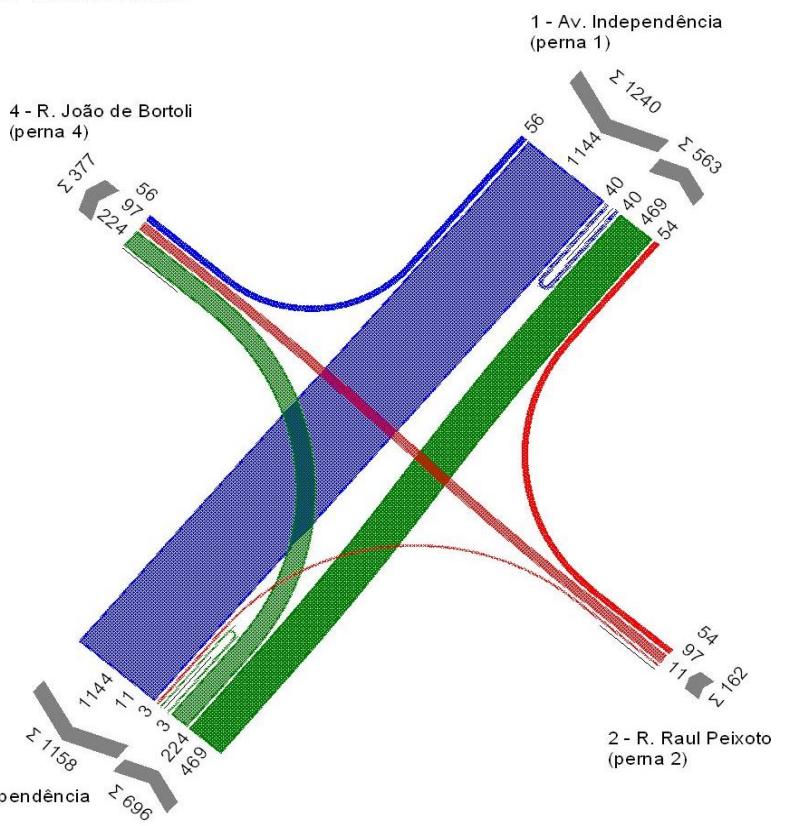
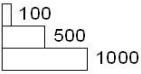
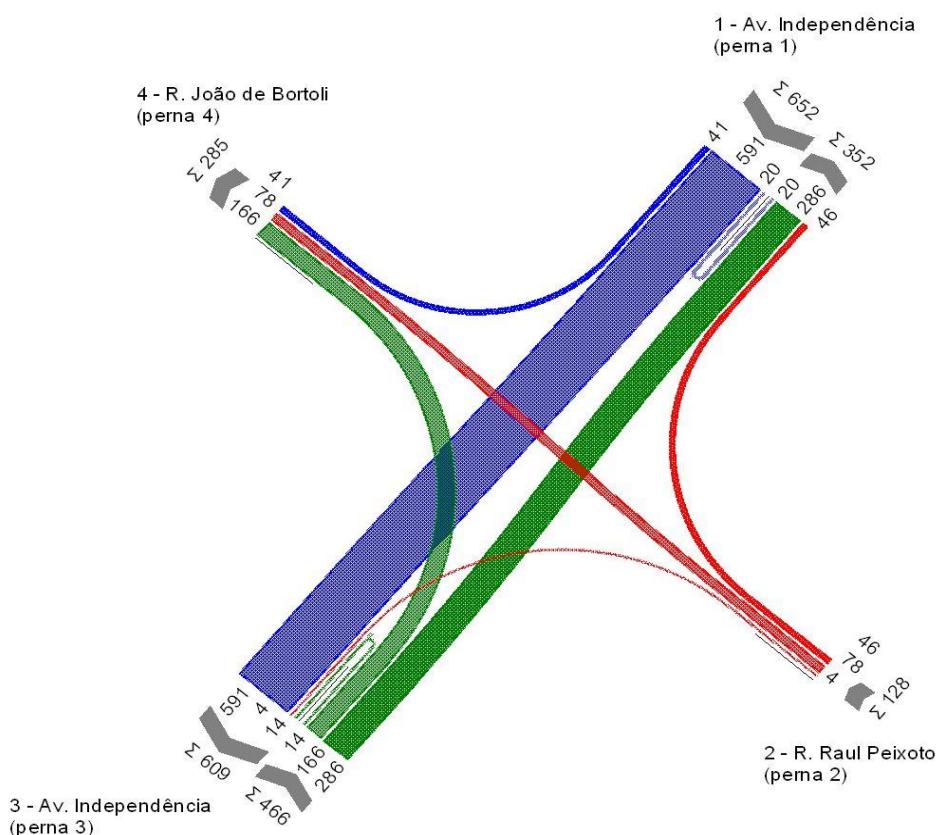


Diagrama de Fluxos N18 - Av. Independência X R. João de Bortoli/ R. Raul Peixoto

Contagem De 24/10/2018 as 20h00 até 25/10/2018 as 20h00
 Valor horário máximo 20:00 - 21:00
 On the basis of a time period 24.10.2018 20:00 - 24.10.2018 21:00
 1246 PCU

De \ Para	1	2	3	4
1	20		591	41
2	46		4	78
3	286		14	166
4				

20
100
500



Contagem De 24/10/2018 as 20h00 até 25/10/2018 as 20h00
 Valor horário maximo 21:00 - 22:00
 On the basis of a time period 24.10.2018 21:00 - 24.10.2018 22:00
 1087 PCU

De \ Para	1	2	3	4
1	8		466	38
2	48		6	74
3	268		19	160
4				

20
100
400

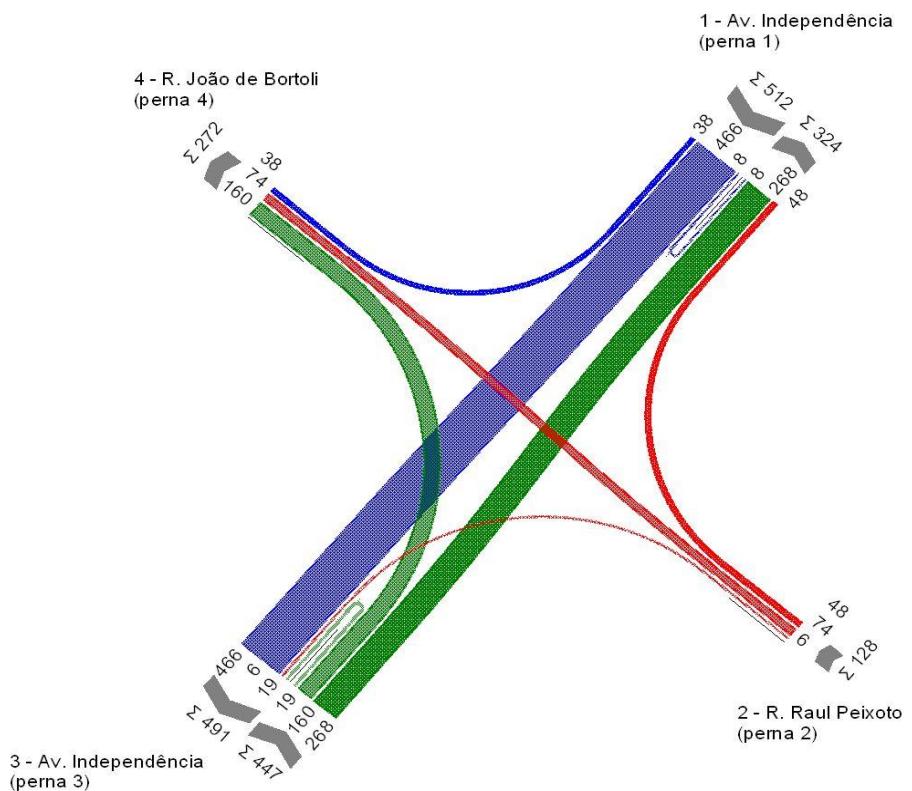
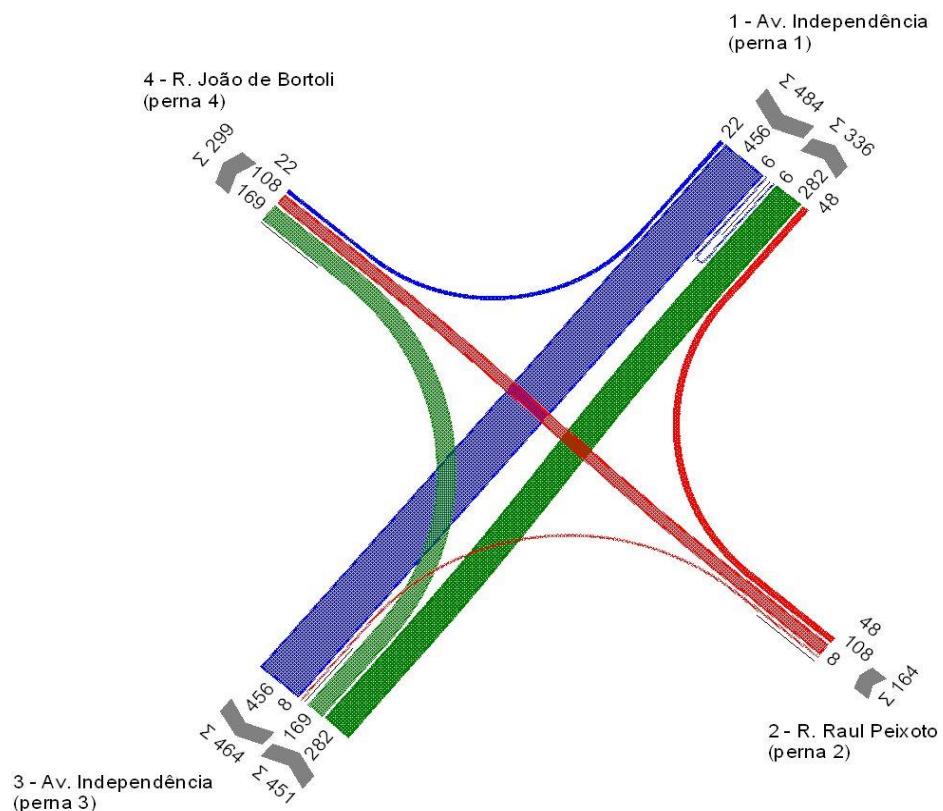


Diagrama de Fluxos N18 - Av. Independência X R. João de Bortoli/ R. Raul Peixoto

Contagem De 24/10/2018 as 20h00 até 25/10/2018 as 20h00
 Valor horário máximo 22:00 - 23:00
 On the basis of a time period 24.10.2018 22:00 - 24.10.2018 23:00
 1099 PCU

De \ Para	1	2	3	4
1	6		456	22
2	48		8	108
3	282			169
4				

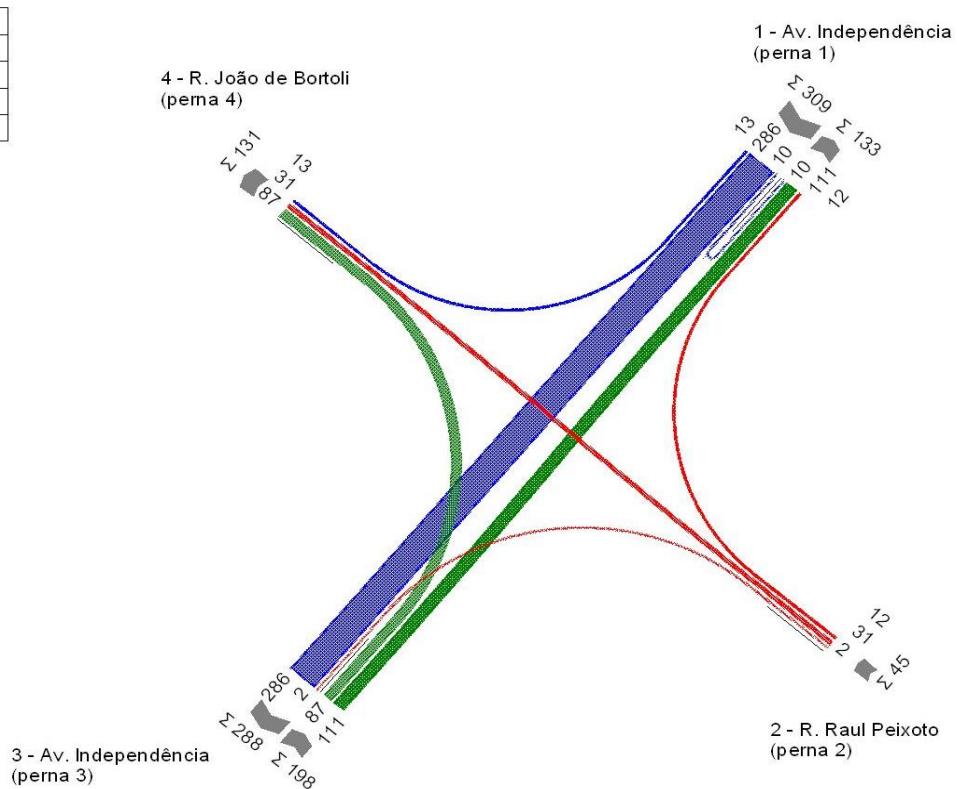
20
100
400



Contagem De 24/10/2018 as 20h00 até 25/10/2018 as 20h00
 Valor horário máximo 23:00 - 00:00
 On the basis of a time period 24.10.2018 23:00 - 25.10.2018 00:00
 552 PCU

De \ Para	1	2	3	4
1	10		286	13
2	12		2	31
3	111			87
4				

20
100
200



PCU**N18 - Av. Independência X R. João de Bortoli/ R. Raul Peixoto**

Nas tabelas de contagem de fluxo veicular a seguir são apresentadas a classificação pelos tipos de veículos como automóvel (**Car**), moto (**Moto**), ônibus (**Bus**) e caminhão (**Truck**).

Neste mesmo quadro estão representadas as contagens dos movimentos a cada 15 minutos e por hora, onde no final de cada quadro existem duas colunas que são identificadas pelas siglas **VEC** e **PCU**.

A sigla **VEC** é a somatória direta de todos os veículos contados sem fator de equivalência. A sigla **PCU**, significa Passenger Car Unit ou mais conhecido como veículos equivalentes, representa a somatória dos veículos com seus respectivos fatores de equivalência, sendo adotados conforme sugestão do manual HCM – High Capacity Manual, os seguintes valores:

- **Automóvel** = 1,0 veículo equivalente
- **Moto** = 0,5 veículo equivalente
- **Caminhão** = 2,5 veículos equivalentes
- **Ônibus** = 2,0 veículos equivalentes

Por exemplo: Na contagem de 1 automóvel, 1 moto, 1 ônibus e 1 caminhão temos como resultado 4 (quatro) **VEC** e 6 (seis) **PCU**, ou seja, 4 (quatro) veículos contados com a consideração dos fatores de equivalência, resultam em 6 (seis) veículos de passeio.

Obs.: Nas tabelas de fluxos veiculares, quando a somatória não resulta em número inteiro o mesmo será arredondado p/ cima.

Movimentos Contados**1 > 1 Av. Independência Retorno****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	0	0	0	0	0	0	0
1:00	2:00	2	0	0	0	0	2	2
2:00	3:00	1	0	0	0	0	1	1
3:00	4:00	0	0	0	0	0	0	0
4:00	5:00	0	0	0	0	0	0	0
5:00	6:00	1	0	0	0	0	1	1
6:00	7:00	6	0	0	0	0	6	6
7:00	8:00	16	11	0	0	0	22	27
8:00	9:00	32	7	0	0	0	36	39
9:00	10:00	61	9	1	0	0	68	71
10:00	11:00	74	13	1	0	0	83	88
11:00	12:00	62	10	0	0	0	67	72

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	57	11	0	0	0	63	68
13:00	14:00	51	3	0	0	0	53	54
14:00	15:00	67	6	1	0	0	73	74
15:00	16:00	69	6	0	0	0	72	75
16:00	17:00	69	15	0	0	0	77	84
17:00	18:00	57	9	0	0	0	62	66
18:00	19:00	60	7	0	0	0	64	67
19:00	20:00	38	3	0	0	0	40	41
20:00	21:00	19	1	0	0	0	20	20
21:00	22:00	8	0	0	0	0	8	8
22:00	23:00	5	1	0	0	0	6	6
23:00	0:00	9	1	0	0	0	10	10

Movimento Contado**1 > 1 Av. Independência Retorno****Fluxo veicular a cada 15 minutos**

Período Manhã								Período Tarde									
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC	Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	0:15	0	0	0	0	0	0	0	12:00	12:15	17	1	0	0	0	18	18
0:15	0:30	0	0	0	0	0	0	0	12:15	12:30	17	3	0	0	0	19	20
0:30	0:45	0	0	0	0	0	0	0	12:30	12:45	6	4	0	0	0	8	10
0:45	1:00	0	0	0	0	0	0	0	12:45	13:00	17	3	0	0	0	19	20
1:00	1:15	0	0	0	0	0	0	0	13:00	13:15	12	0	0	0	0	12	12
1:15	1:30	0	0	0	0	0	0	0	13:15	13:30	12	1	0	0	0	13	13
1:30	1:45	0	0	0	0	0	0	0	13:30	13:45	12	2	0	0	0	13	14
1:45	2:00	2	0	0	0	0	2	2	13:45	14:00	15	0	0	0	0	15	15
2:00	2:15	1	0	0	0	0	1	1	14:00	14:15	18	3	0	0	0	20	21
2:15	2:30	0	0	0	0	0	0	0	14:15	14:30	11	1	0	0	0	12	12
2:30	2:45	0	0	0	0	0	0	0	14:30	14:45	21	0	0	0	0	21	21
2:45	3:00	0	0	0	0	0	0	0	14:45	15:00	17	2	1	0	0	21	20
3:00	3:15	0	0	0	0	0	0	0	15:00	15:15	20	1	0	0	0	21	21
3:15	3:30	0	0	0	0	0	0	0	15:15	15:30	12	1	0	0	0	13	13
3:30	3:45	0	0	0	0	0	0	0	15:30	15:45	15	2	0	0	0	16	17
3:45	4:00	0	0	0	0	0	0	0	15:45	16:00	22	2	0	0	0	23	24
4:00	4:15	0	0	0	0	0	0	0	16:00	16:15	19	0	0	0	0	19	19
4:15	4:30	0	0	0	0	0	0	0	16:15	16:30	20	4	0	0	0	22	24
4:30	4:45	0	0	0	0	0	0	0	16:30	16:45	12	7	0	0	0	16	19
4:45	5:00	0	0	0	0	0	0	0	16:45	17:00	18	4	0	0	0	20	22
5:00	5:15	0	0	0	0	0	0	0	17:00	17:15	23	5	0	0	0	26	28
5:15	5:30	0	0	0	0	0	0	0	17:15	17:30	15	1	0	0	0	16	16
5:30	5:45	0	0	0	0	0	0	0	17:30	17:45	10	0	0	0	0	10	10
5:45	6:00	1	0	0	0	0	1	1	17:45	18:00	9	3	0	0	0	11	12
6:00	6:15	1	0	0	0	0	1	1	18:00	18:15	18	3	0	0	0	20	21
6:15	6:30	0	0	0	0	0	0	0	18:15	18:30	17	2	0	0	0	18	19
6:30	6:45	3	0	0	0	0	3	3	18:30	18:45	15	0	0	0	0	15	15
6:45	7:00	2	0	0	0	0	2	2	18:45	19:00	10	2	0	0	0	11	12
7:00	7:15	3	1	0	0	0	4	4	19:00	19:15	11	0	0	0	0	11	11
7:15	7:30	2	1	0	0	0	3	3	19:15	19:30	8	1	0	0	0	9	9
7:30	7:45	5	2	0	0	0	6	7	19:30	19:45	12	0	0	0	0	12	12
7:45	8:00	6	7	0	0	0	10	13	19:45	20:00	7	2	0	0	0	8	9
8:00	8:15	5	2	0	0	0	6	7	20:00	20:15	5	0	0	0	0	5	5
8:15	8:30	7	3	0	0	0	9	10	20:15	20:30	3	0	0	0	0	3	3
8:30	8:45	7	1	0	0	0	8	8	20:30	20:45	4	0	0	0	0	4	4
8:45	9:00	13	1	0	0	0	14	14	20:45	21:00	7	1	0	0	0	8	8
9:00	9:15	17	3	1	0	0	21	21	21:00	21:15	6	0	0	0	0	6	6
9:15	9:30	10	2	0	0	0	11	12	21:15	21:30	0	0	0	0	0	0	0
9:30	9:45	15	1	0	0	0	16	16	21:30	21:45	2	0	0	0	0	2	2
9:45	10:00	19	3	0	0	0	21	22	21:45	22:00	0	0	0	0	0	0	0
10:00	10:15	21	5	1	0	0	26	27	22:00	22:15	1	0	0	0	0	1	1
10:15	10:30	19	2	0	0	0	20	21	22:15	22:30	3	0	0	0	0	3	3
10:30	10:45	20	5	0	0	0	23	25	22:30	22:45	1	1	0	0	0	2	2
10:45	11:00	14	1	0	0	0	15	15	22:45	23:00	0	0	0	0	0	0	0
11:00	11:15	16	3	0	0	0	18	19	23:00	23:15	1	0	0	0	0	1	1
11:15	11:30	15	2	0	0	0	16	17	23:15	23:30	2	0	0	0	0	2	2
11:30	11:45	14	3	0	0	0	16	17	23:30	23:45	2	0	0	0	0	2	2
11:45	12:00	17	2	0	0	0	18	19	23:45	0:00	4	1	0	0	0	5	5

Movimento Contado**1 > 3 Av. Independência em frente****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	107	24	1	1	0	124	133
1:00	2:00	49	4	2	1	0	58	56
2:00	3:00	29	7	0	2	0	37	38
3:00	4:00	19	5	0	2	0	26	26
4:00	5:00	20	6	0	3	0	29	29
5:00	6:00	74	22	0	4	0	93	100
6:00	7:00	328	83	4	12	0	404	427
7:00	8:00	753	191	1	18	0	887	963
8:00	9:00	751	184	9	7	0	880	951
9:00	10:00	715	149	12	5	0	830	881
10:00	11:00	617	125	13	4	0	720	759
11:00	12:00	771	145	15	6	0	893	937

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	1041	162	8	8	0	1158	1219
13:00	14:00	907	149	7	13	0	1025	1076
14:00	15:00	772	97	16	3	0	867	888
15:00	16:00	761	124	7	3	0	847	895
16:00	17:00	810	123	14	7	0	921	954
17:00	18:00	1071	153	2	9	0	1171	1235
18:00	19:00	1280	146	0	12	0	1377	1438
19:00	20:00	1067	119	0	9	0	1145	1195
20:00	21:00	552	60	2	2	0	591	616
21:00	22:00	440	44	0	2	0	466	486
22:00	23:00	386	62	1	18	0	456	467
23:00	0:00	267	25	0	3	0	286	295

Movimento Contado**1 > 3 Av. Independência em frente****Fluxo veicular a cada 15 minutos**

Período Manhã										Período Tarde									
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC	Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC		
0:00	0:15	35	8	0	0	0	39	43	12:00	12:15	234	38	0	2	0	257	274		
0:15	0:30	19	7	1	1	0	27	28	12:15	12:30	263	39	3	1	0	292	306		
0:30	0:45	28	8	0	0	0	32	36	12:30	12:45	275	33	4	2	0	306	314		
0:45	1:00	25	1	0	0	0	26	26	12:45	13:00	269	52	1	3	0	304	325		
1:00	1:15	14	3	0	0	0	16	17	13:00	13:15	266	41	1	4	0	297	312		
1:15	1:30	16	1	0	1	0	19	18	13:15	13:30	258	35	3	6	0	295	302		
1:30	1:45	12	0	0	0	0	12	12	13:30	13:45	181	40	2	3	0	212	226		
1:45	2:00	7	0	2	0	0	12	9	13:45	14:00	202	33	1	0	0	221	236		
2:00	2:15	12	1	0	0	0	13	13	14:00	14:15	192	30	3	0	0	215	225		
2:15	2:30	5	3	0	0	0	7	8	14:15	14:30	182	9	4	1	0	199	196		
2:30	2:45	5	0	0	2	0	9	7	14:30	14:45	204	33	4	1	0	233	242		
2:45	3:00	7	3	0	0	0	9	10	14:45	15:00	194	25	5	1	0	221	225		
3:00	3:15	6	2	0	0	0	7	8	15:00	15:15	182	21	1	1	0	197	205		
3:15	3:30	4	2	0	0	0	5	6	15:15	15:30	191	28	2	1	0	212	222		
3:30	3:45	6	1	0	0	0	7	7	15:30	15:45	185	34	2	1	0	209	222		
3:45	4:00	3	0	0	2	0	7	5	15:45	16:00	203	41	2	0	0	229	246		
4:00	4:15	8	3	0	0	0	10	11	16:00	16:15	186	28	2	3	0	211	219		
4:15	4:30	1	1	0	0	0	2	2	16:15	16:30	207	32	2	0	0	228	241		
4:30	4:45	3	0	0	0	0	3	3	16:30	16:45	174	26	7	2	0	209	209		
4:45	5:00	8	2	0	3	0	15	13	16:45	17:00	243	37	3	2	0	273	285		
5:00	5:15	11	1	0	0	0	12	12	17:00	17:15	241	25	0	5	0	264	271		
5:15	5:30	13	3	0	1	0	17	17	17:15	17:30	248	46	1	2	0	278	297		
5:30	5:45	16	4	0	2	0	22	22	17:30	17:45	282	36	0	0	0	300	318		
5:45	6:00	34	14	0	1	0	43	49	17:45	18:00	300	46	1	2	0	330	349		
6:00	6:15	37	12	2	1	0	50	52	18:00	18:15	332	50	0	3	0	363	385		
6:15	6:30	49	15	2	1	0	64	67	18:15	18:30	343	55	0	2	0	375	400		
6:30	6:45	78	16	0	4	0	94	98	18:30	18:45	317	30	0	2	0	336	349		
6:45	7:00	164	40	0	6	0	196	210	18:45	19:00	288	11	0	5	0	304	304		
7:00	7:15	230	45	1	7	0	269	283	19:00	19:15	342	29	0	4	0	365	375		
7:15	7:30	193	44	0	5	0	225	242	19:15	19:30	260	26	0	2	0	277	288		
7:30	7:45	153	45	0	4	0	184	202	19:30	19:45	222	31	0	2	0	242	255		
7:45	8:00	177	57	0	2	0	210	236	19:45	20:00	243	33	0	1	0	262	277		
8:00	8:15	199	66	2	2	0	241	269	20:00	20:15	163	18	0	0	0	172	181		
8:15	8:30	205	48	1	2	0	236	256	20:15	20:30	155	17	1	1	0	168	174		
8:30	8:45	182	28	2	2	0	205	214	20:30	20:45	123	16	0	0	0	131	139		
8:45	9:00	165	42	4	1	0	198	212	20:45	21:00	111	9	1	1	0	120	122		
9:00	9:15	195	29	1	1	0	214	226	21:00	21:15	108	12	0	0	0	114	120		
9:15	9:30	164	35	3	1	0	191	203	21:15	21:30	106	8	0	1	0	112	115		
9:30	9:45	172	40	4	1	0	204	217	21:30	21:45	105	15	0	0	0	113	120		
9:45	10:00	184	45	4	2	0	221	235	21:45	22:00	121	9	0	1	0	128	131		
10:00	10:15	150	35	1	0	0	170	186	22:00	22:15	113	19	0	1	0	125	133		
10:15	10:30	181	33	6	1	0	215	221	22:15	22:30	95	22	0	5	0	116	122		
10:30	10:45	143	25	4	1	0	168	173	22:30	22:45	91	10	1	11	0	121	113		
10:45	11:00	143	32	2	2	0	168	179	22:45	23:00	87	11	0	1	0	95	99		
11:00	11:15	167	41	5	2	0	204	215	23:00	23:15	71	10	0	1	0	78	82		
11:15	11:30	175	26	1	0	0	191	202	23:15	23:30	53	4	0	1	0	57	58		
11:30	11:45	227	37	2	1	0	253	267	23:30	23:45	48	8	0	0	0	52	56		
11:45	12:00	202	41	7	3	0	246	253	23:45	0:00	95	3	0	1	0	99	99		

Movimento Contado**1 > 4 Av. Independência conv à dir. R. João de Bortoli****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	1	3	0	0	0	3	4
1:00	2:00	3	3	0	0	0	5	6
2:00	3:00	1	1	0	0	0	2	2
3:00	4:00	2	0	0	0	0	2	2
4:00	5:00	0	0	0	0	0	0	0
5:00	6:00	2	3	0	0	0	4	5
6:00	7:00	20	3	0	1	0	24	24
7:00	8:00	59	23	0	1	0	73	83
8:00	9:00	69	18	0	0	0	78	87
9:00	10:00	92	22	6	0	0	118	120
10:00	11:00	100	21	1	0	0	113	122
11:00	12:00	100	19	2	0	0	115	121

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	88	14	2	0	0	100	104
13:00	14:00	94	3	1	0	0	98	98
14:00	15:00	102	6	1	0	0	108	109
15:00	16:00	106	9	1	1	0	115	117
16:00	17:00	99	17	2	0	0	113	118
17:00	18:00	100	20	0	0	0	110	120
18:00	19:00	81	15	0	0	0	89	96
19:00	20:00	52	7	0	0	0	56	59
20:00	21:00	35	12	0	0	0	41	47
21:00	22:00	34	8	0	0	0	38	42
22:00	23:00	20	3	0	0	0	22	23
23:00	0:00	11	4	0	0	0	13	15

Movimento Contado**1 > 4****Av. Independência conv à dir. R. João de Bortoli****Fluxo veicular a cada 15 minutos**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	0:15	0	0	0	0	0	0	0
0:15	0:30	0	2	0	0	0	1	2
0:30	0:45	0	1	0	0	0	1	1
0:45	1:00	1	0	0	0	0	1	4
1:00	1:15	2	1	0	0	0	3	3
1:15	1:30	0	2	0	0	0	1	2
1:30	1:45	1	0	0	0	0	1	6
1:45	2:00	0	0	0	0	0	0	0
2:00	2:15	0	0	0	0	0	0	0
2:15	2:30	0	0	0	0	0	0	0
2:30	2:45	1	0	0	0	0	1	1
2:45	3:00	0	1	0	0	0	1	2
3:00	3:15	1	0	0	0	0	1	1
3:15	3:30	1	0	0	0	0	1	1
3:30	3:45	0	0	0	0	0	0	2
3:45	4:00	0	0	0	0	0	0	0
4:00	4:15	0	0	0	0	0	0	0
4:15	4:30	0	0	0	0	0	0	0
4:30	4:45	0	0	0	0	0	0	0
4:45	5:00	0	0	0	0	0	0	0
5:00	5:15	1	0	0	0	0	1	1
5:15	5:30	0	0	0	0	0	0	0
5:30	5:45	0	0	0	0	0	0	5
5:45	6:00	1	3	0	0	0	3	4
6:00	6:15	1	0	0	0	0	1	1
6:15	6:30	2	0	0	0	0	2	2
6:30	6:45	7	1	0	0	0	8	8
6:45	7:00	10	2	0	1	0	13	13
7:00	7:15	13	9	0	0	0	18	22
7:15	7:30	13	2	0	1	0	16	16
7:30	7:45	15	5	0	0	0	18	20
7:45	8:00	18	7	0	0	0	22	25
8:00	8:15	19	8	0	0	0	23	27
8:15	8:30	13	5	0	0	0	16	18
8:30	8:45	17	1	0	0	0	18	18
8:45	9:00	20	4	0	0	0	22	24
9:00	9:15	16	5	0	0	0	19	21
9:15	9:30	27	4	2	0	0	34	33
9:30	9:45	23	7	1	0	0	29	31
9:45	10:00	26	6	3	0	0	37	35
10:00	10:15	24	6	0	0	0	27	30
10:15	10:30	26	5	0	0	0	29	31
10:30	10:45	21	5	0	0	0	24	26
10:45	11:00	29	5	1	0	0	34	35
11:00	11:15	32	3	0	0	0	34	35
11:15	11:30	26	6	0	0	0	29	32
11:30	11:45	17	6	2	0	0	25	25
11:45	12:00	25	4	0	0	0	27	29

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	12:15	21	4	1	0	0	26	26
12:15	12:30	20	6	0	0	0	23	26
12:30	12:45	24	1	0	0	0	25	25
12:45	13:00	23	3	1	0	0	27	27
13:00	13:15	24	2	0	0	0	25	26
13:15	13:30	26	0	1	0	0	29	27
13:30	13:45	25	0	0	0	0	25	25
13:45	14:00	19	1	0	0	0	20	20
14:00	14:15	25	0	0	0	0	25	25
14:15	14:30	30	2	0	0	0	31	32
14:30	14:45	24	1	1	0	0	27	26
14:45	15:00	23	3	0	0	0	25	26
15:00	15:15	31	1	0	0	0	32	32
15:15	15:30	35	3	0	0	0	37	38
15:30	15:45	16	1	1	0	0	19	18
15:45	16:00	24	4	0	1	0	28	29
16:00	16:15	25	4	1	0	0	30	30
16:15	16:30	26	4	1	0	0	31	31
16:30	16:45	26	3	0	0	0	28	29
16:45	17:00	22	6	0	0	0	25	28
17:00	17:15	30	8	0	0	0	34	38
17:15	17:30	25	6	0	0	0	28	31
17:30	17:45	22	3	0	0	0	24	25
17:45	18:00	23	3	0	0	0	25	26
18:00	18:15	24	7	0	0	0	28	31
18:15	18:30	19	3	0	0	0	21	22
18:30	18:45	21	3	0	0	0	23	24
18:45	19:00	17	2	0	0	0	18	19
19:00	19:15	17	3	0	0	0	19	20
19:15	19:30	10	2	0	0	0	11	12
19:30	19:45	12	1	0	0	0	13	13
19:45	20:00	13	1	0	0	0	14	14
20:00	20:15	9	2	0	0	0	10	11
20:15	20:30	10	3	0	0	0	12	13
20:30	20:45	10	4	0	0	0	12	14
20:45	21:00	6	3	0	0	0	8	9
21:00	21:15	11	4	0	0	0	13	15
21:15	21:30	9	2	0	0	0	10	11
21:30	21:45	7	0	0	0	0	7	7
21:45	22:00	7	2	0	0	0	8	9
22:00	22:15	5	0	0	0	0	5	5
22:15	22:30	4	0	0	0	0	4	4
22:30	22:45	6	0	0	0	0	6	6
22:45	23:00	5	3	0	0	0	7	8
23:00	23:15	4	3	0	0	0	6	7
23:15	23:30	0	0	0	0	0	0	0
23:30	23:45	6	1	0	0	0	7	7
23:45	0:00	1	0	0	0	0	1	1

Movimento Contado**2 > 1 R. Raul Peixoto conv à dir. Av. Independência****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	3	4	0	0	0	5	7
1:00	2:00	3	0	0	0	0	3	3
2:00	3:00	2	0	0	0	0	2	2
3:00	4:00	0	0	0	0	0	0	0
4:00	5:00	0	0	0	0	0	0	0
5:00	6:00	3	3	1	0	0	7	7
6:00	7:00	69	0	0	3	0	75	72
7:00	8:00	78	7	0	1	0	84	86
8:00	9:00	44	1	0	1	0	47	46
9:00	10:00	42	6	0	1	0	47	49
10:00	11:00	37	7	2	1	0	48	47
11:00	12:00	21	5	1	1	0	28	28

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	65	7	0	2	0	73	74
13:00	14:00	65	7	1	1	0	73	74
14:00	15:00	35	3	2	1	0	44	41
15:00	16:00	35	6	0	1	0	40	42
16:00	17:00	54	5	0	1	0	59	60
17:00	18:00	43	8	0	1	0	49	52
18:00	19:00	54	11	0	1	0	62	66
19:00	20:00	46	7	0	2	0	54	55
20:00	21:00	41	6	0	1	0	46	48
21:00	22:00	40	12	0	1	0	48	53
22:00	23:00	40	13	0	1	0	49	54
23:00	0:00	8	5	0	1	0	13	14

Movimento Contado**2 > 1****R. Raul Peixoto conv à dir. Av. Independência****Fluxo veicular a cada 15 minutos**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	0:15	2	4	0	0	0	4	6
0:15	0:30	0	0	0	0	0	0	0
0:30	0:45	0	0	0	0	0	0	0
0:45	1:00	1	0	0	0	0	1	1
1:00	1:15	2	0	0	0	0	2	2
1:15	1:30	1	0	0	0	0	1	1
1:30	1:45	0	0	0	0	0	0	0
1:45	2:00	0	0	0	0	0	0	0
2:00	2:15	0	0	0	0	0	0	0
2:15	2:30	0	0	0	0	0	0	0
2:30	2:45	1	0	0	0	0	1	1
2:45	3:00	1	0	0	0	0	1	1
3:00	3:15	0	0	0	0	0	0	0
3:15	3:30	0	0	0	0	0	0	0
3:30	3:45	0	0	0	0	0	0	0
3:45	4:00	0	0	0	0	0	0	0
4:00	4:15	0	0	0	0	0	0	0
4:15	4:30	0	0	0	0	0	0	0
4:30	4:45	0	0	0	0	0	0	0
4:45	5:00	0	0	0	0	0	0	0
5:00	5:15	0	0	0	0	0	0	0
5:15	5:30	0	0	0	0	0	0	0
5:30	5:45	0	2	0	0	0	1	2
5:45	6:00	3	1	1	0	0	6	5
6:00	6:15	4	0	0	1	0	6	5
6:15	6:30	17	0	0	1	0	19	18
6:30	6:45	16	0	0	1	0	18	17
6:45	7:00	32	0	0	0	0	32	32
7:00	7:15	38	0	0	0	0	38	38
7:15	7:30	13	0	0	0	0	13	13
7:30	7:45	13	1	0	1	0	16	15
7:45	8:00	14	6	0	0	0	17	20
8:00	8:15	14	0	0	0	0	14	14
8:15	8:30	10	1	0	0	0	11	11
8:30	8:45	10	0	0	1	0	12	11
8:45	9:00	10	0	0	0	0	10	10
9:00	9:15	13	1	0	0	0	14	14
9:15	9:30	10	0	0	0	0	10	10
9:30	9:45	11	4	0	1	0	15	16
9:45	10:00	8	1	0	0	0	9	9
10:00	10:15	6	4	0	0	0	8	10
10:15	10:30	11	2	1	1	0	17	15
10:30	10:45	13	1	1	0	0	16	15
10:45	11:00	7	0	0	0	0	7	7
11:00	11:15	9	1	1	0	0	12	11
11:15	11:30	5	1	0	1	0	8	7
11:30	11:45	5	1	0	0	0	6	6
11:45	12:00	2	2	0	0	0	3	4

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	12:15	13	1	0	0	0	14	14
12:15	12:30	11	4	0	1	0	15	16
12:30	12:45	21	2	0	1	0	24	24
12:45	13:00	20	0	0	0	0	20	20
13:00	13:15	14	2	0	0	0	15	16
13:15	13:30	19	3	0	0	0	21	22
13:30	13:45	22	1	0	1	0	25	24
13:45	14:00	10	1	1	0	0	13	12
14:00	14:15	4	1	0	0	0	5	5
14:15	14:30	14	2	2	0	0	20	18
14:30	14:45	12	0	0	1	0	14	13
14:45	15:00	5	0	0	0	0	5	5
15:00	15:15	8	2	0	0	0	9	10
15:15	15:30	5	1	0	0	0	6	6
15:30	15:45	8	1	0	1	0	11	10
15:45	16:00	14	2	0	0	0	15	16
16:00	16:15	15	2	0	0	0	16	17
16:15	16:30	8	0	0	0	0	8	8
16:30	16:45	11	0	0	1	0	13	12
16:45	17:00	20	3	0	0	0	22	23
17:00	17:15	11	3	0	0	0	13	14
17:15	17:30	6	1	0	0	0	7	7
17:30	17:45	16	1	0	1	0	19	18
17:45	18:00	10	3	0	0	0	12	13
18:00	18:15	14	1	0	0	0	15	15
18:15	18:30	19	4	0	0	0	21	23
18:30	18:45	7	1	0	1	0	10	9
18:45	19:00	14	5	0	0	0	17	19
19:00	19:15	15	2	0	1	0	18	18
19:15	19:30	11	4	0	0	0	13	15
19:30	19:45	8	1	0	1	0	11	10
19:45	20:00	12	0	0	0	0	12	12
20:00	20:15	14	1	0	0	0	15	15
20:15	20:30	5	0	0	0	0	5	5
20:30	20:45	13	2	0	1	0	16	16
20:45	21:00	9	3	0	0	0	11	12
21:00	21:15	10	2	0	0	0	11	12
21:15	21:30	7	4	0	1	0	11	12
21:30	21:45	7	6	0	0	0	10	13
21:45	22:00	16	0	0	0	0	16	16
22:00	22:15	20	3	0	0	0	22	23
22:15	22:30	9	2	0	0	0	10	11
22:30	22:45	9	6	0	1	0	14	16
22:45	23:00	2	2	0	0	0	3	4
23:00	23:15	3	2	0	0	0	4	5
23:15	23:30	2	1	0	1	0	5	4
23:30	23:45	0	1	0	0	0	1	1
23:45	0:00	3	1	0	0	0	4	4

Movimento Contado**2 > 3 R. Raul Peixoto conv à esq. Av. Independência****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	1	0	0	0	0	1	1
1:00	2:00	0	1	0	0	0	1	1
2:00	3:00	0	0	0	0	0	0	0
3:00	4:00	0	0	0	0	0	0	0
4:00	5:00	0	0	0	0	0	0	0
5:00	6:00	0	0	0	0	0	0	0
6:00	7:00	4	0	0	0	0	4	4
7:00	8:00	14	1	0	0	0	15	15
8:00	9:00	11	0	0	0	0	11	11
9:00	10:00	9	1	0	0	0	10	10
10:00	11:00	13	0	0	0	0	13	13
11:00	12:00	8	1	0	0	0	9	9

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	9	3	0	0	0	11	12
13:00	14:00	10	3	0	0	0	12	13
14:00	15:00	14	3	0	0	0	16	17
15:00	16:00	8	3	0	0	0	10	11
16:00	17:00	15	1	0	0	0	16	16
17:00	18:00	4	3	0	0	0	6	7
18:00	19:00	4	1	0	0	0	5	5
19:00	20:00	10	2	0	0	0	11	12
20:00	21:00	4	1	0	0	0	5	5
21:00	22:00	5	1	0	0	0	6	6
22:00	23:00	5	2	0	1	0	8	8
23:00	0:00	1	1	0	0	0	2	2

Movimento Contado**2 > 3****R. Raul Peixoto conv à esq. Av. Independência****Fluxo veicular a cada 15 minutos**

Período Manhã								Período Tarde									
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC	Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	0:15	0	0	0	0	0	0	0	12:00	12:15	1	0	0	0	0	1	1
0:15	0:30	1	0	0	0	0	1	1	12:15	12:30	1	0	0	0	0	1	1
0:30	0:45	0	0	0	0	0	0	0	12:30	12:45	5	1	0	0	0	6	6
0:45	1:00	0	0	0	0	0	0	0	12:45	13:00	2	2	0	0	0	3	4
1:00	1:15	0	0	0	0	0	0	0	13:00	13:15	1	0	0	0	0	1	1
1:15	1:30	0	1	0	0	0	1	1	13:15	13:30	1	1	0	0	0	2	2
1:30	1:45	0	0	0	0	0	0	0	13:30	13:45	5	1	0	0	0	6	6
1:45	2:00	0	0	0	0	0	0	0	13:45	14:00	3	1	0	0	0	4	4
2:00	2:15	0	0	0	0	0	0	0	14:00	14:15	6	2	0	0	0	7	8
2:15	2:30	0	0	0	0	0	0	0	14:15	14:30	2	0	0	0	0	2	2
2:30	2:45	0	0	0	0	0	0	0	14:30	14:45	4	1	0	0	0	5	5
2:45	3:00	0	0	0	0	0	0	0	14:45	15:00	2	0	0	0	0	2	2
3:00	3:15	0	0	0	0	0	0	0	15:00	15:15	1	1	0	0	0	2	2
3:15	3:30	0	0	0	0	0	0	0	15:15	15:30	1	1	0	0	0	2	2
3:30	3:45	0	0	0	0	0	0	0	15:30	15:45	3	1	0	0	0	4	4
3:45	4:00	0	0	0	0	0	0	0	15:45	16:00	3	0	0	0	0	3	3
4:00	4:15	0	0	0	0	0	0	0	16:00	16:15	4	0	0	0	0	4	4
4:15	4:30	0	0	0	0	0	0	0	16:15	16:30	3	0	0	0	0	3	3
4:30	4:45	0	0	0	0	0	0	0	16:30	16:45	3	1	0	0	0	4	4
4:45	5:00	0	0	0	0	0	0	0	16:45	17:00	5	0	0	0	0	5	5
5:00	5:15	0	0	0	0	0	0	0	17:00	17:15	2	1	0	0	0	3	3
5:15	5:30	0	0	0	0	0	0	0	17:15	17:30	0	2	0	0	0	1	2
5:30	5:45	0	0	0	0	0	0	0	17:30	17:45	0	0	0	0	0	0	0
5:45	6:00	0	0	0	0	0	0	0	17:45	18:00	2	0	0	0	0	2	2
6:00	6:15	1	0	0	0	0	1	1	18:00	18:15	1	0	0	0	0	1	1
6:15	6:30	1	0	0	0	0	1	1	18:15	18:30	2	0	0	0	0	2	2
6:30	6:45	0	0	0	0	0	0	0	18:30	18:45	1	1	0	0	0	2	2
6:45	7:00	2	0	0	0	0	2	2	18:45	19:00	0	0	0	0	0	0	0
7:00	7:15	6	0	0	0	0	6	6	19:00	19:15	2	2	0	0	0	3	4
7:15	7:30	4	1	0	0	0	5	5	19:15	19:30	3	0	0	0	0	3	3
7:30	7:45	3	0	0	0	0	3	3	19:30	19:45	3	0	0	0	0	3	3
7:45	8:00	1	0	0	0	0	1	1	19:45	20:00	2	0	0	0	0	2	2
8:00	8:15	2	0	0	0	0	2	2	20:00	20:15	1	0	0	0	0	1	1
8:15	8:30	2	0	0	0	0	2	2	20:15	20:30	2	0	0	0	0	2	2
8:30	8:45	1	0	0	0	0	1	1	20:30	20:45	0	0	0	0	0	0	0
8:45	9:00	6	0	0	0	0	6	6	20:45	21:00	1	1	0	0	0	2	2
9:00	9:15	3	1	0	0	0	4	4	21:00	21:15	0	1	0	0	0	1	1
9:15	9:30	1	0	0	0	0	1	1	21:15	21:30	2	0	0	0	0	2	2
9:30	9:45	3	0	0	0	0	3	3	21:30	21:45	2	0	0	0	0	2	2
9:45	10:00	2	0	0	0	0	2	2	21:45	22:00	1	0	0	0	0	1	1
10:00	10:15	3	0	0	0	0	3	3	22:00	22:15	3	1	0	1	0	6	5
10:15	10:30	4	0	0	0	0	4	4	22:15	22:30	1	0	0	0	0	1	1
10:30	10:45	5	0	0	0	0	5	5	22:30	22:45	1	1	0	0	0	2	2
10:45	11:00	1	0	0	0	0	1	1	22:45	23:00	0	0	0	0	0	0	0
11:00	11:15	0	0	0	0	0	0	0	23:00	23:15	0	0	0	0	0	0	0
11:15	11:30	4	1	0	0	0	5	5	23:15	23:30	0	1	0	0	0	1	1
11:30	11:45	2	0	0	0	0	2	2	23:30	23:45	1	0	0	0	0	1	1
11:45	12:00	2	0	0	0	0	2	2	23:45	0:00	0	0	0	0	0	0	0

Movimento Contado**2 > 4 R. Raul Peixoto em frente R. João de Bortoli****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	10	8	0	3	0	20	21
1:00	2:00	6	2	0	0	0	7	8
2:00	3:00	1	0	0	0	0	1	1
3:00	4:00	1	0	0	0	0	1	1
4:00	5:00	2	1	0	0	0	3	3
5:00	6:00	5	2	1	0	0	9	8
6:00	7:00	70	10	1	0	0	78	81
7:00	8:00	73	23	0	0	0	85	96
8:00	9:00	66	20	1	0	0	79	87
9:00	10:00	58	26	1	0	0	74	85
10:00	11:00	56	23	0	0	0	68	79
11:00	12:00	47	32	2	0	0	68	81

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	108	32	0	1	0	126	141
13:00	14:00	94	32	2	0	0	115	128
14:00	15:00	82	27	0	0	0	96	109
15:00	16:00	76	41	0	0	0	97	117
16:00	17:00	86	54	2	0	0	118	142
17:00	18:00	85	53	1	0	0	114	139
18:00	19:00	85	47	0	0	0	109	132
19:00	20:00	81	32	0	0	0	97	113
20:00	21:00	67	21	0	0	0	78	88
21:00	22:00	59	29	0	0	0	74	88
22:00	23:00	77	62	0	0	0	108	139
23:00	0:00	21	20	0	0	0	31	41

Movimento Contado**2 > 4****R. Raul Peixoto em frente R. João de Bortoli****Fluxo veicular a cada 15 minutos**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	0:15	1	4	0	2	0	7	7
0:15	0:30	3	2	0	1	0	6	6
0:30	0:45	3	2	0	0	0	4	5
0:45	1:00	3	0	0	0	0	3	3
1:00	1:15	1	0	0	0	0	1	1
1:15	1:30	1	1	0	0	0	2	2
1:30	1:45	3	0	0	0	0	3	3
1:45	2:00	1	1	0	0	0	2	2
2:00	2:15	1	0	0	0	0	1	1
2:15	2:30	0	0	0	0	0	0	0
2:30	2:45	0	0	0	0	0	0	0
2:45	3:00	0	0	0	0	0	0	0
3:00	3:15	1	0	0	0	0	1	1
3:15	3:30	0	0	0	0	0	0	0
3:30	3:45	0	0	0	0	0	0	0
3:45	4:00	0	0	0	0	0	0	0
4:00	4:15	0	0	0	0	0	0	0
4:15	4:30	2	0	0	0	0	2	2
4:30	4:45	0	1	0	0	0	1	1
4:45	5:00	0	0	0	0	0	0	0
5:00	5:15	1	0	0	0	0	1	1
5:15	5:30	1	0	0	0	0	1	1
5:30	5:45	1	0	1	0	0	4	2
5:45	6:00	2	2	0	0	0	3	4
6:00	6:15	6	1	1	0	0	9	8
6:15	6:30	15	2	0	0	0	16	17
6:30	6:45	14	2	0	0	0	15	16
6:45	7:00	35	5	0	0	0	38	40
7:00	7:15	22	4	0	0	0	24	26
7:15	7:30	16	2	0	0	0	17	18
7:30	7:45	19	7	0	0	0	23	26
7:45	8:00	16	10	0	0	0	21	26
8:00	8:15	13	3	0	0	0	15	16
8:15	8:30	20	9	1	0	0	27	30
8:30	8:45	16	3	0	0	0	18	19
8:45	9:00	17	5	0	0	0	20	22
9:00	9:15	17	6	0	0	0	20	23
9:15	9:30	15	8	0	0	0	19	23
9:30	9:45	13	6	1	0	0	19	20
9:45	10:00	13	6	0	0	0	16	19
10:00	10:15	15	8	0	0	0	19	23
10:15	10:30	13	7	0	0	0	17	20
10:30	10:45	14	2	0	0	0	15	16
10:45	11:00	14	6	0	0	0	17	20
11:00	11:15	17	6	0	0	0	20	23
11:15	11:30	9	12	0	0	0	15	21
11:30	11:45	10	7	1	0	0	16	18
11:45	12:00	11	7	1	0	0	17	19

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	12:15	27	7	0	0	0	31	34
12:15	12:30	19	8	0	0	0	23	27
12:30	12:45	33	7	0	1	0	39	41
12:45	13:00	29	10	0	0	0	34	39
13:00	13:15	24	8	1	0	0	31	33
13:15	13:30	21	5	0	0	0	24	26
13:30	13:45	26	7	0	0	0	30	33
13:45	14:00	23	12	1	0	0	32	36
14:00	14:15	22	4	0	0	0	24	26
14:15	14:30	11	3	0	0	0	13	14
14:30	14:45	26	14	0	0	0	33	40
14:45	15:00	23	6	0	0	0	26	29
15:00	15:15	19	7	0	0	0	23	26
15:15	15:30	19	11	0	0	0	25	30
15:30	15:45	23	10	0	0	0	28	33
15:45	16:00	15	13	0	0	0	22	28
16:00	16:15	18	10	0	0	0	23	28
16:15	16:30	18	13	0	0	0	25	31
16:30	16:45	27	14	2	0	0	39	43
16:45	17:00	23	17	0	0	0	32	40
17:00	17:15	13	17	1	0	0	24	31
17:15	17:30	19	13	0	0	0	26	32
17:30	17:45	33	11	0	0	0	39	44
17:45	18:00	20	12	0	0	0	26	32
18:00	18:15	17	17	0	0	0	26	34
18:15	18:30	28	12	0	0	0	34	40
18:30	18:45	22	7	0	0	0	26	29
18:45	19:00	18	11	0	0	0	24	29
19:00	19:15	22	8	0	0	0	26	30
19:15	19:30	21	11	0	0	0	27	32
19:30	19:45	25	8	0	0	0	29	33
19:45	20:00	13	5	0	0	0	16	18
20:00	20:15	19	5	0	0	0	22	24
20:15	20:30	16	7	0	0	0	20	23
20:30	20:45	11	3	0	0	0	13	14
20:45	21:00	21	6	0	0	0	24	27
21:00	21:15	11	8	0	0	0	15	19
21:15	21:30	14	7	0	0	0	18	21
21:30	21:45	15	6	0	0	0	18	21
21:45	22:00	19	8	0	0	0	23	27
22:00	22:15	27	15	0	0	0	35	42
22:15	22:30	23	22	0	0	0	34	45
22:30	22:45	21	13	0	0	0	28	34
22:45	23:00	6	12	0	0	0	12	18
23:00	23:15	6	3	0	0	0	8	9
23:15	23:30	7	9	0	0	0	12	16
23:30	23:45	5	5	0	0	0	8	10
23:45	0:00	3	3	0	0	0	5	6

Movimento Contado**3 > 1 Av. Independência em frente****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	55	8	0	0	0	59	63
1:00	2:00	19	6	1	0	0	25	26
2:00	3:00	11	2	0	0	0	12	13
3:00	4:00	11	0	1	0	0	14	12
4:00	5:00	10	0	0	0	0	10	10
5:00	6:00	31	3	0	2	0	37	36
6:00	7:00	264	43	1	10	0	308	318
7:00	8:00	641	91	0	8	0	703	740
8:00	9:00	550	79	2	6	0	607	637
9:00	10:00	443	68	7	4	0	503	522
10:00	11:00	438	71	9	3	0	502	521
11:00	12:00	451	61	7	7	0	513	526

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	467	90	7	6	0	542	570
13:00	14:00	561	60	5	5	0	614	631
14:00	15:00	513	45	5	3	0	554	566
15:00	16:00	498	74	11	3	0	569	586
16:00	17:00	520	72	6	3	0	577	601
17:00	18:00	482	67	4	5	0	536	558
18:00	19:00	524	68	1	8	0	577	601
19:00	20:00	415	66	2	8	0	469	491
20:00	21:00	256	51	0	2	0	286	309
21:00	22:00	237	49	1	2	0	268	289
22:00	23:00	240	61	0	6	0	283	307
23:00	0:00	91	23	1	3	0	111	118

Movimento Contado**3 > 1 Av. Independência em frente****Fluxo veicular a cada 15 minutos**

Período Manhã									Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC	Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	0:15	18	1	0	0	0	19	19	12:00	12:15	99	21	2	1	0	117	123
0:15	0:30	17	5	0	0	0	20	22	12:15	12:30	127	21	1	2	0	144	151
0:30	0:45	10	2	0	0	0	11	12	12:30	12:45	123	27	1	1	0	141	152
0:45	1:00	10	0	0	0	0	10	10	12:45	13:00	118	21	3	2	0	140	144
1:00	1:15	6	1	0	0	0	7	7	13:00	13:15	147	16	1	2	0	162	166
1:15	1:30	6	1	0	0	0	7	7	13:15	13:30	126	13	1	2	0	139	142
1:30	1:45	5	2	1	0	0	9	8	13:30	13:45	132	19	1	0	0	144	152
1:45	2:00	2	2	0	0	0	3	4	13:45	14:00	156	12	2	1	0	169	171
2:00	2:15	3	1	0	0	0	4	4	14:00	14:15	155	12	4	1	0	173	172
2:15	2:30	6	0	0	0	0	6	6	14:15	14:30	103	12	1	0	0	112	116
2:30	2:45	2	1	0	0	0	3	3	14:30	14:45	131	13	0	1	0	140	145
2:45	3:00	0	0	0	0	0	0	0	14:45	15:00	124	8	0	1	0	130	133
3:00	3:15	3	0	0	0	0	3	3	15:00	15:15	129	16	5	0	0	150	150
3:15	3:30	2	0	0	0	0	2	2	15:15	15:30	126	22	4	1	0	149	153
3:30	3:45	3	0	1	0	0	6	4	15:30	15:45	134	19	1	1	0	148	155
3:45	4:00	3	0	0	0	0	3	3	15:45	16:00	109	17	1	1	0	122	128
4:00	4:15	3	0	0	0	0	3	3	16:00	16:15	160	18	2	1	0	176	181
4:15	4:30	4	0	0	0	0	4	4	16:15	16:30	119	12	0	1	0	127	132
4:30	4:45	2	0	0	0	0	2	2	16:30	16:45	117	20	0	0	0	127	137
4:45	5:00	1	0	0	0	0	1	1	16:45	17:00	124	22	4	1	0	147	151
5:00	5:15	1	0	0	0	0	1	1	17:00	17:15	140	18	3	2	0	161	163
5:15	5:30	3	0	0	1	0	5	4	17:15	17:30	110	23	1	1	0	126	135
5:30	5:45	8	1	0	0	0	9	9	17:30	17:45	115	13	0	1	0	124	129
5:45	6:00	19	2	0	1	0	22	22	17:45	18:00	117	13	0	1	0	126	131
6:00	6:15	28	6	0	1	0	33	35	18:00	18:15	130	17	0	1	0	141	148
6:15	6:30	35	7	1	2	0	45	45	18:15	18:30	151	19	1	1	0	165	172
6:30	6:45	81	13	0	4	0	96	98	18:30	18:45	116	17	0	1	0	127	134
6:45	7:00	120	17	0	3	0	135	140	18:45	19:00	127	15	0	5	0	145	147
7:00	7:15	168	16	0	2	0	180	186	19:00	19:15	123	26	1	6	0	151	156
7:15	7:30	181	17	0	1	0	192	199	19:15	19:30	96	13	1	1	0	107	111
7:30	7:45	112	24	0	3	0	130	139	19:30	19:45	95	14	0	1	0	104	110
7:45	8:00	180	34	0	2	0	201	216	19:45	20:00	101	13	0	0	0	108	114
8:00	8:15	129	23	0	2	0	145	154	20:00	20:15	74	10	0	1	0	81	85
8:15	8:30	129	12	0	1	0	137	142	20:15	20:30	61	12	0	0	0	67	73
8:30	8:45	130	24	2	2	0	151	158	20:30	20:45	66	18	0	1	0	77	85
8:45	9:00	162	20	0	1	0	174	183	20:45	21:00	55	11	0	0	0	61	66
9:00	9:15	122	17	1	2	0	137	142	21:00	21:15	60	10	1	1	0	70	72
9:15	9:30	113	14	4	0	0	130	131	21:15	21:30	62	12	0	0	0	68	74
9:30	9:45	105	15	2	1	0	120	123	21:30	21:45	55	10	0	1	0	62	66
9:45	10:00	103	22	0	1	0	116	126	21:45	22:00	60	17	0	0	0	69	77
10:00	10:15	116	19	6	1	0	143	142	22:00	22:15	84	23	0	2	0	100	109
10:15	10:30	98	19	2	1	0	115	120	22:15	22:30	65	16	0	3	0	79	84
10:30	10:45	93	12	0	1	0	101	106	22:30	22:45	52	16	0	1	0	62	69
10:45	11:00	131	21	1	0	0	144	153	22:45	23:00	39	6	0	0	0	42	45
11:00	11:15	114	15	3	2	0	133	134	23:00	23:15	36	7	1	1	0	44	45
11:15	11:30	104	13	1	2	0	117	120	23:15	23:30	20	8	0	0	0	24	28
11:30	11:45	115	17	2	0	0	129	134	23:30	23:45	24	3	0	1	0	28	28
11:45	12:00	118	16	1	3	0	135	138	23:45	0:00	11	5	0	1	0	16	17

Movimento Contado**3 > 3 Av. Independência Retorno****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	0	0	0	0	0	0	0
1:00	2:00	0	0	0	0	0	0	0
2:00	3:00	1	0	0	0	0	1	1
3:00	4:00	0	0	0	0	0	0	0
4:00	5:00	0	0	0	0	0	0	0
5:00	6:00	0	0	0	0	0	0	0
6:00	7:00	6	0	0	0	0	6	6
7:00	8:00	12	0	0	0	0	12	12
8:00	9:00	13	0	0	0	0	13	13
9:00	10:00	13	1	0	0	0	14	14
10:00	11:00	10	1	0	0	0	11	11
11:00	12:00	16	0	0	0	0	16	16

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	15	0	0	0	0	15	15
13:00	14:00	12	1	0	0	0	13	13
14:00	15:00	11	0	0	0	0	11	11
15:00	16:00	6	1	0	0	0	7	7
16:00	17:00	6	0	0	0	0	6	6
17:00	18:00	6	0	0	0	0	6	6
18:00	19:00	9	0	0	0	0	9	9
19:00	20:00	3	0	0	0	0	3	3
20:00	21:00	14	0	0	0	0	14	14
21:00	22:00	19	0	0	0	0	19	19
22:00	23:00	0	0	0	0	0	0	0
23:00	0:00	0	0	0	0	0	0	0

Movimento Contado

3 > 3

Av. Independência Retorno

Fluxo veicular a cada 15 minutos

Período Manhã									Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC	Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	0:15	0	0	0	0	0	0	0	12:00	12:15	4	0	0	0	0	4	4
0:15	0:30	0	0	0	0	0	0	0	12:15	12:30	5	0	0	0	0	5	5
0:30	0:45	0	0	0	0	0	0	0	12:30	12:45	3	0	0	0	0	3	3
0:45	1:00	0	0	0	0	0	0	0	12:45	13:00	3	0	0	0	0	3	3
1:00	1:15	0	0	0	0	0	0	0	13:00	13:15	1	0	0	0	0	1	1
1:15	1:30	0	0	0	0	0	0	0	13:15	13:30	1	0	0	0	0	1	1
1:30	1:45	0	0	0	0	0	0	0	13:30	13:45	5	1	0	0	0	6	6
1:45	2:00	0	0	0	0	0	0	0	13:45	14:00	5	0	0	0	0	5	5
2:00	2:15	0	0	0	0	0	0	0	14:00	14:15	3	0	0	0	0	3	3
2:15	2:30	1	0	0	0	0	1	1	14:15	14:30	3	0	0	0	0	3	3
2:30	2:45	0	0	0	0	0	0	0	14:30	14:45	3	0	0	0	0	3	3
2:45	3:00	0	0	0	0	0	0	0	14:45	15:00	2	0	0	0	0	2	2
3:00	3:15	0	0	0	0	0	0	0	15:00	15:15	2	1	0	0	0	3	3
3:15	3:30	0	0	0	0	0	0	0	15:15	15:30	1	0	0	0	0	1	1
3:30	3:45	0	0	0	0	0	0	0	15:30	15:45	1	0	0	0	0	1	1
3:45	4:00	0	0	0	0	0	0	0	15:45	16:00	2	0	0	0	0	2	2
4:00	4:15	0	0	0	0	0	0	0	16:00	16:15	3	0	0	0	0	3	3
4:15	4:30	0	0	0	0	0	0	0	16:15	16:30	1	0	0	0	0	1	1
4:30	4:45	0	0	0	0	0	0	0	16:30	16:45	2	0	0	0	0	2	2
4:45	5:00	0	0	0	0	0	0	0	16:45	17:00	0	0	0	0	0	0	0
5:00	5:15	0	0	0	0	0	0	0	17:00	17:15	0	0	0	0	0	0	0
5:15	5:30	0	0	0	0	0	0	0	17:15	17:30	2	0	0	0	0	2	2
5:30	5:45	0	0	0	0	0	0	0	17:30	17:45	1	0	0	0	0	1	1
5:45	6:00	0	0	0	0	0	0	0	17:45	18:00	3	0	0	0	0	3	3
6:00	6:15	0	0	0	0	0	0	0	18:00	18:15	3	0	0	0	0	3	3
6:15	6:30	2	0	0	0	0	2	2	18:15	18:30	3	0	0	0	0	3	3
6:30	6:45	3	0	0	0	0	3	3	18:30	18:45	3	0	0	0	0	3	3
6:45	7:00	1	0	0	0	0	1	1	18:45	19:00	0	0	0	0	0	0	0
7:00	7:15	0	0	0	0	0	0	0	19:00	19:15	0	0	0	0	0	0	0
7:15	7:30	5	0	0	0	0	5	5	19:15	19:30	1	0	0	0	0	1	1
7:30	7:45	4	0	0	0	0	4	4	19:30	19:45	0	0	0	0	0	0	0
7:45	8:00	3	0	0	0	0	3	3	19:45	20:00	2	0	0	0	0	2	2
8:00	8:15	4	0	0	0	0	4	4	20:00	20:15	6	0	0	0	0	6	6
8:15	8:30	3	0	0	0	0	3	3	20:15	20:30	3	0	0	0	0	3	3
8:30	8:45	6	0	0	0	0	6	6	20:30	20:45	3	0	0	0	0	3	3
8:45	9:00	0	0	0	0	0	0	0	20:45	21:00	2	0	0	0	0	2	2
9:00	9:15	4	0	0	0	0	4	4	21:00	21:15	7	0	0	0	0	7	7
9:15	9:30	2	0	0	0	0	2	2	21:15	21:30	2	0	0	0	0	2	2
9:30	9:45	4	0	0	0	0	4	4	21:30	21:45	6	0	0	0	0	6	6
9:45	10:00	3	1	0	0	0	4	4	21:45	22:00	4	0	0	0	0	4	4
10:00	10:15	3	1	0	0	0	4	4	22:00	22:15	0	0	0	0	0	0	0
10:15	10:30	2	0	0	0	0	2	2	22:15	22:30	0	0	0	0	0	0	0
10:30	10:45	1	0	0	0	0	1	1	22:30	22:45	0	0	0	0	0	0	0
10:45	11:00	4	0	0	0	0	4	4	22:45	23:00	0	0	0	0	0	0	0
11:00	11:15	2	0	0	0	0	2	2	23:00	23:15	0	0	0	0	0	0	0
11:15	11:30	4	0	0	0	0	4	4	23:15	23:30	0	0	0	0	0	0	0
11:30	11:45	5	0	0	0	0	5	5	23:30	23:45	0	0	0	0	0	0	0
11:45	12:00	5	0	0	0	0	5	5	23:45	0:00	0	0	0	0	0	0	0

Movimento Contado**3 > 4 Av. Independência conv à esq. R. João de Bortoli****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	27	7	0	2	0	35	36
1:00	2:00	16	2	0	0	0	17	18
2:00	3:00	4	5	1	0	0	9	10
3:00	4:00	4	0	0	0	0	4	4
4:00	5:00	3	0	0	1	0	5	4
5:00	6:00	40	11	0	2	0	50	53
6:00	7:00	148	31	1	4	0	174	184
7:00	8:00	273	63	1	7	0	321	344
8:00	9:00	267	56	0	2	0	299	325
9:00	10:00	201	66	2	1	0	241	270
10:00	11:00	173	54	2	0	0	205	229
11:00	12:00	198	59	1	2	0	234	260

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	186	41	4	2	0	221	233
13:00	14:00	225	42	5	1	0	261	273
14:00	15:00	192	41	1	1	0	217	235
15:00	16:00	173	57	4	0	0	212	234
16:00	17:00	196	60	4	0	0	236	260
17:00	18:00	259	71	1	3	0	303	334
18:00	19:00	208	63	0	4	0	248	275
19:00	20:00	195	42	1	3	0	225	241
20:00	21:00	143	47	0	0	0	167	190
21:00	22:00	131	47	2	0	0	160	180
22:00	23:00	133	64	0	2	0	169	199
23:00	0:00	66	38	0	1	0	87	105

Movimento Contado**3 > 4****Av. Independência conv à esq. R. João de Bortoli****Fluxo veicular a cada 15 minutos**

Período Manhã								Período Tarde									
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC	Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	0:15	8	3	0	0	0	10		12:00	12:15	45	15	2	0	0	58	62
0:15	0:30	8	3	0	2	0	14		12:15	12:30	42	11	0	0	0	48	53
0:30	0:45	4	0	0	0	0	4		12:30	12:45	50	9	1	0	0	57	60
0:45	1:00	7	1	0	0	0	8		12:45	13:00	49	6	1	2	0	59	58
1:00	1:15	3	0	0	0	0	3		13:00	13:15	64	12	0	0	0	70	76
1:15	1:30	5	1	0	0	0	6		13:15	13:30	58	7	2	1	0	69	68
1:30	1:45	5	1	0	0	0	6		13:30	13:45	50	13	0	0	0	57	63
1:45	2:00	3	0	0	0	0	3		13:45	14:00	53	10	3	0	0	66	66
2:00	2:15	2	2	0	0	0	3		14:00	14:15	41	9	0	0	0	46	50
2:15	2:30	1	3	0	0	0	3		14:15	14:30	42	10	1	1	0	52	54
2:30	2:45	1	0	1	0	0	4		14:30	14:45	54	11	0	0	0	60	65
2:45	3:00	0	0	0	0	0	0		14:45	15:00	55	11	0	0	0	61	66
3:00	3:15	1	0	0	0	0	1		15:00	15:15	35	8	2	0	0	44	45
3:15	3:30	1	0	0	0	0	1		15:15	15:30	53	18	0	0	0	62	71
3:30	3:45	1	0	0	0	0	1		15:30	15:45	46	14	0	0	0	53	60
3:45	4:00	1	0	0	0	0	1		15:45	16:00	39	17	2	0	0	53	58
4:00	4:15	2	0	0	0	0	2		16:00	16:15	55	13	1	0	0	64	69
4:15	4:30	0	0	0	0	0	0		16:15	16:30	45	19	2	0	0	60	66
4:30	4:45	1	0	0	1	0	3		16:30	16:45	40	16	0	0	0	48	56
4:45	5:00	0	0	0	0	0	0		16:45	17:00	56	12	1	0	0	65	69
5:00	5:15	3	0	0	0	0	3		17:00	17:15	68	17	1	3	0	85	89
5:15	5:30	11	0	0	0	0	11		17:15	17:30	68	22	0	0	0	79	90
5:30	5:45	11	5	0	0	0	14		17:30	17:45	65	17	0	0	0	74	82
5:45	6:00	15	6	0	2	0	22		17:45	18:00	58	15	0	0	0	66	73
6:00	6:15	16	5	0	1	0	21		18:00	18:15	47	19	0	2	0	61	68
6:15	6:30	22	8	1	1	0	31		18:15	18:30	50	15	0	1	0	60	66
6:30	6:45	44	11	0	0	0	50		18:30	18:45	57	18	0	0	0	66	75
6:45	7:00	66	7	0	2	0	74		18:45	19:00	54	11	0	1	0	62	66
7:00	7:15	73	12	0	4	0	87		19:00	19:15	52	14	1	0	0	62	67
7:15	7:30	63	19	0	1	0	75		19:15	19:30	58	10	0	3	0	69	71
7:30	7:45	66	14	1	0	0	76		19:30	19:45	43	8	0	0	0	47	51
7:45	8:00	71	18	0	2	0	84		19:45	20:00	42	10	0	0	0	47	52
8:00	8:15	78	21	0	1	0	91		20:00	20:15	39	8	0	0	0	43	47
8:15	8:30	71	11	0	0	0	77		20:15	20:30	36	12	0	0	0	42	48
8:30	8:45	59	11	0	1	0	67		20:30	20:45	37	11	0	0	0	43	48
8:45	9:00	59	13	0	0	0	66		20:45	21:00	31	16	0	0	0	39	47
9:00	9:15	55	15	1	0	0	65		21:00	21:15	30	8	1	0	0	37	39
9:15	9:30	53	19	0	0	0	63		21:15	21:30	28	12	0	0	0	34	40
9:30	9:45	49	14	0	0	0	56		21:30	21:45	35	12	0	0	0	41	47
9:45	10:00	44	18	1	1	0	58		21:45	22:00	38	15	1	0	0	48	54
10:00	10:15	45	9	1	0	0	52		22:00	22:15	44	22	0	1	0	57	67
10:15	10:30	35	13	1	0	0	44		22:15	22:30	44	20	0	0	0	54	64
10:30	10:45	39	13	0	0	0	46		22:30	22:45	21	13	0	1	0	30	35
10:45	11:00	54	19	0	0	0	64		22:45	23:00	24	9	0	0	0	29	33
11:00	11:15	54	17	0	0	0	63		23:00	23:15	25	12	0	0	0	31	37
11:15	11:30	43	16	0	0	0	51		23:15	23:30	11	9	0	0	0	16	20
11:30	11:45	43	15	0	1	0	53		23:30	23:45	16	8	0	0	0	20	24
11:45	12:00	58	11	1	1	0	68		23:45	0:00	14	9	0	1	0	21	24