

RELATÓRIO DE PESQUISAS

CONTAGEM VOLUMÉTRICA CLASSIFICADA EM CRUZAMENTOS (15)

408 - Av. Independência X R. Itacolomi

Ref.: RT-4378-01-200-3J21-408_A



Ribeirão Preto - SP

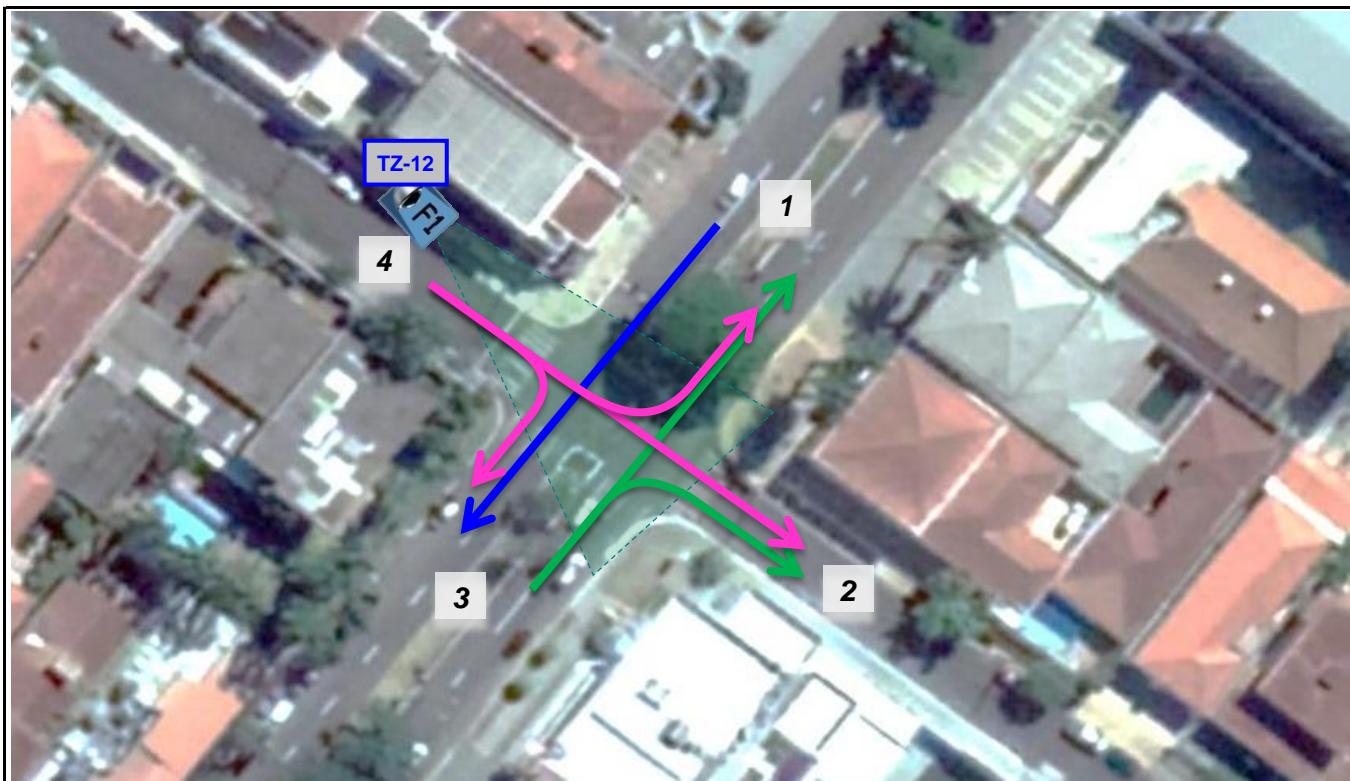
Dezembro de 2018

Responsável Técnico:

Fábio de Campos Bittencourt

CREA N°:

ART 28027230181266891

Croquis**408 - Av. Independência X R. Itacolomi****Vídeos****Movimentos Contados**

- | | |
|-------|--|
| 1 > 3 | Av. Independência em frente |
| 3 > 1 | Av. Independência em frente |
| 3 > 2 | Av. Independência conv à dir. R. Itacolomi |
| 4 > 1 | R. Itacolomi conv à esq. Av. Independência |
| 4 > 2 | R. Itacolomi em frente |
| 4 > 3 | R. Itacolomi conv à dir. Av. Independência |

Perfil Horário 408 - Av. Independência X R. Itacolomi

PCU
perna 1 PCU
perna 3 PCU
perna 4 PCU

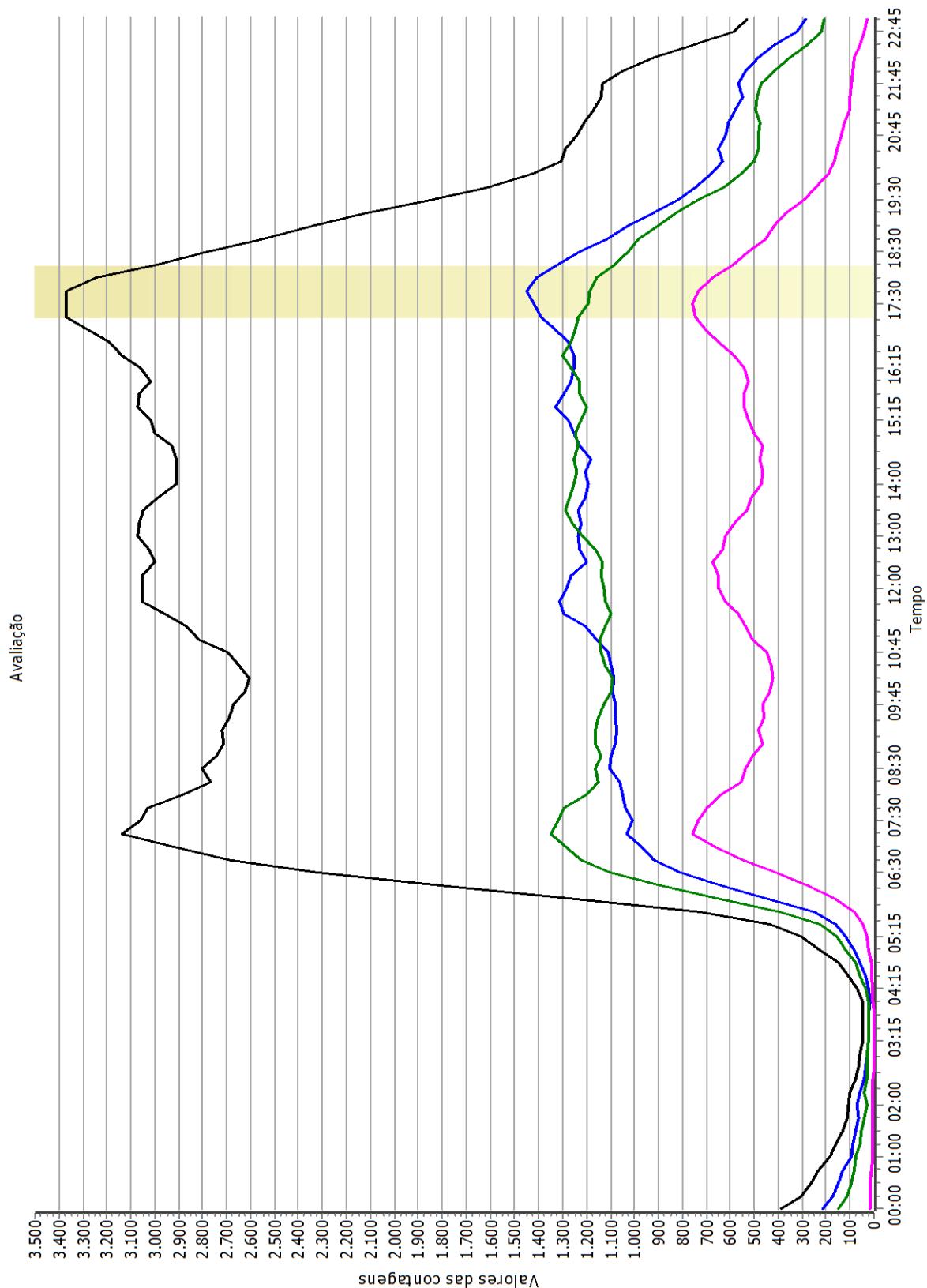


Diagrama de Fluxos**408 - Av. Independência X R. Itacolomi**

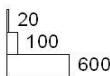
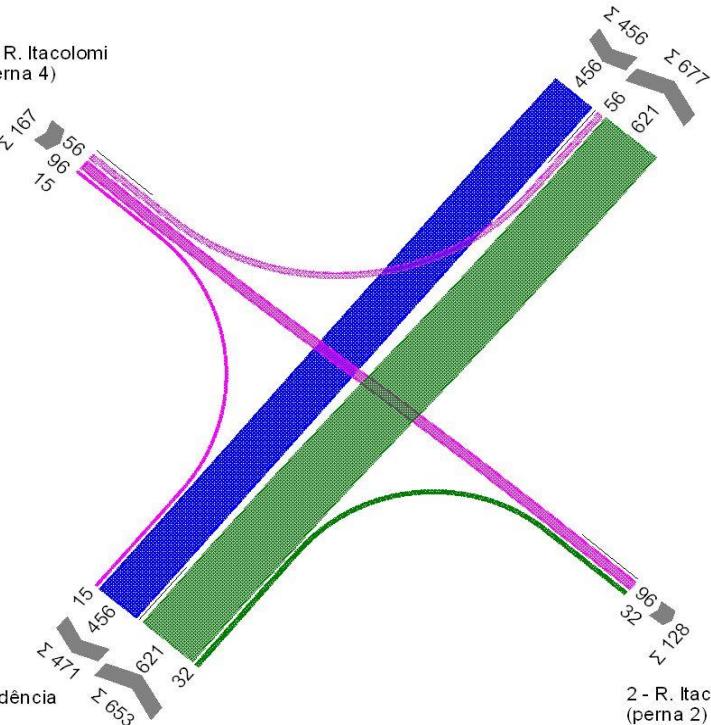
Contagem De 24/10/2018 as 20h00 até 25/10/2018 as 20h00

Valor horário máximo 06:00 - 07:00

On the basis of a time period 24.10.2018 06:00 - 24.10.2018 07:00

1276 PCU

De \ Para	1	2	3	4
1			456	
2				
3	621	32		
4	56	96	15	

4 - R. Itacolomi
(perna 4)1 - Av. Independência
(perna 1)3 - Av. Independência
(perna 3)2 - R. Itacolomi
(perna 2)

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

2927 PCU

De \ Para	1	2	3	4
1			970	
2				
3	1186	102		
4	190	412	67	

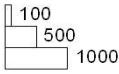
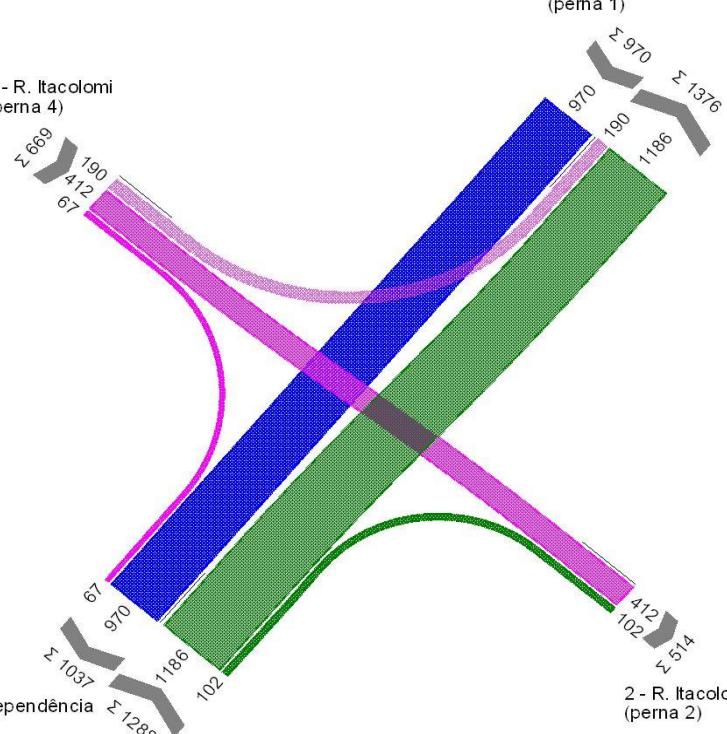
4 - R. Itacolomi
(perna 4)1 - Av. Independência
(perna 1)3 - Av. Independência
(perna 3)2 - R. Itacolomi
(perna 2)

Diagrama de Fluxos 408 - Av. Independência X R. Itacolomi

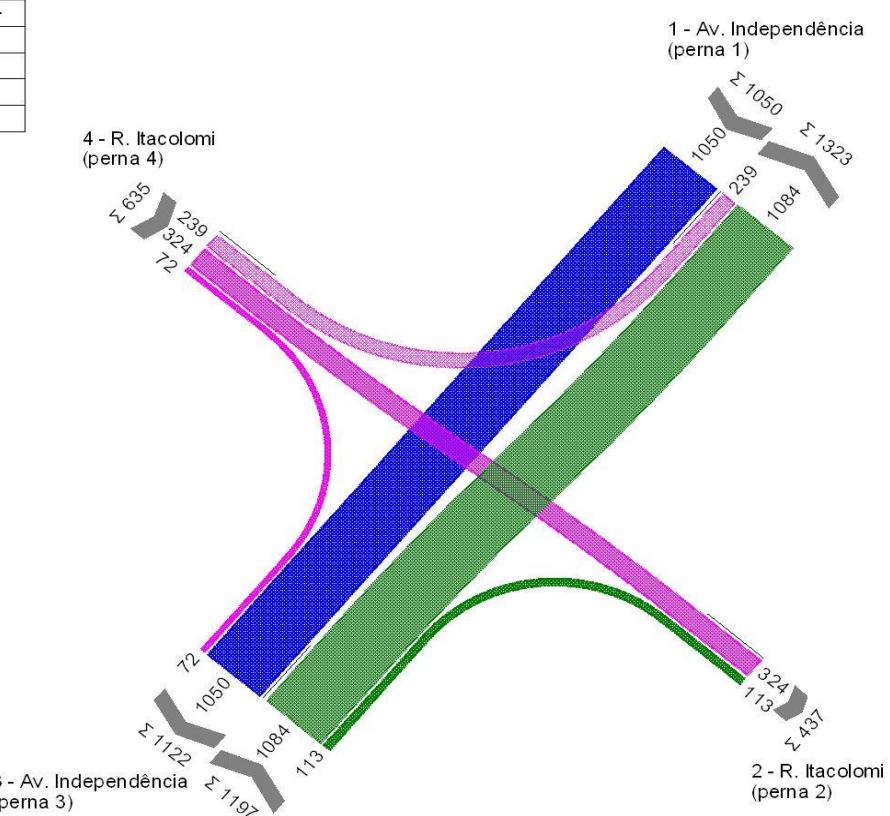
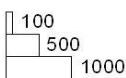
Contagem De 24/10/2018 as 20h00 até 25/10/2018 as 20h00

Valor horário máximo 08:00 - 09:00

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

2882 PCU

De \ Para	1	2	3	4
1			1050	
2				
3	1084	113		
4	239	324	72	



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

2710 PCU

De \ Para	1	2	3	4
1			1080	
2				
3	1074	88		
4	156	242	70	

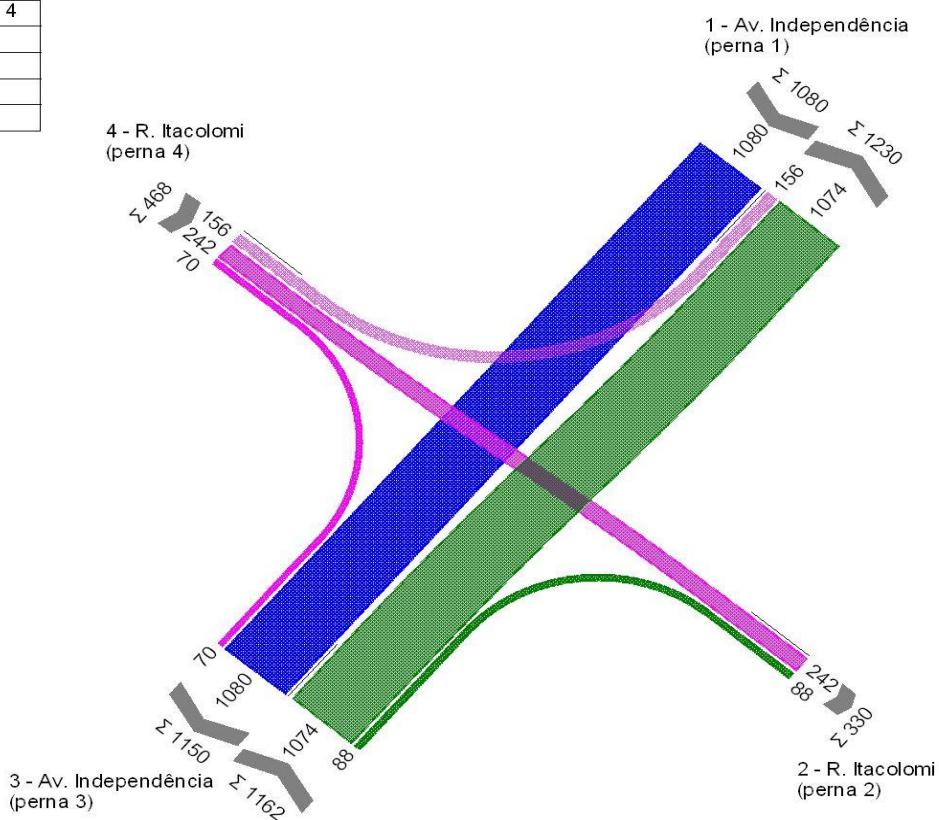
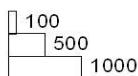
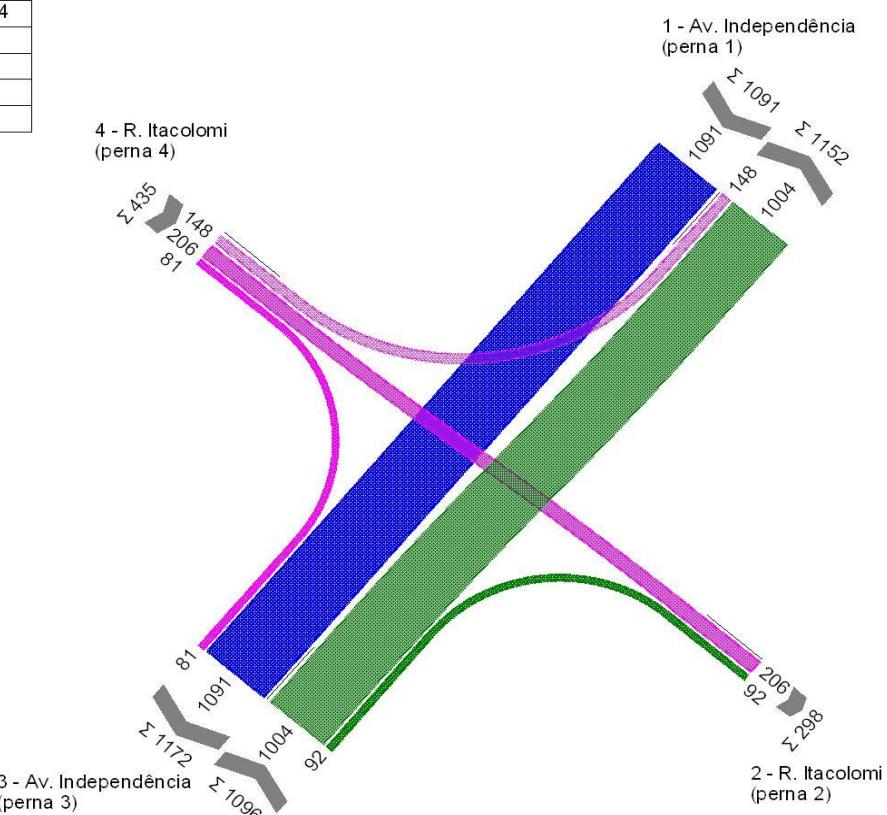


Diagrama de Fluxos 408 - Av. Independência X R. Itacolomi

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
 2622 PCU

De \ Para	1	2	3	4
1			1091	
2				
3	1004	92		
4	148	206	81	

■ 100
 □ 500
 ▨ 1000



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
 2811 PCU

De \ Para	1	2	3	4
1			1156	
2				
3	1038	108		
4	165	258	86	

■ 100
 □ 500
 ▨ 1000

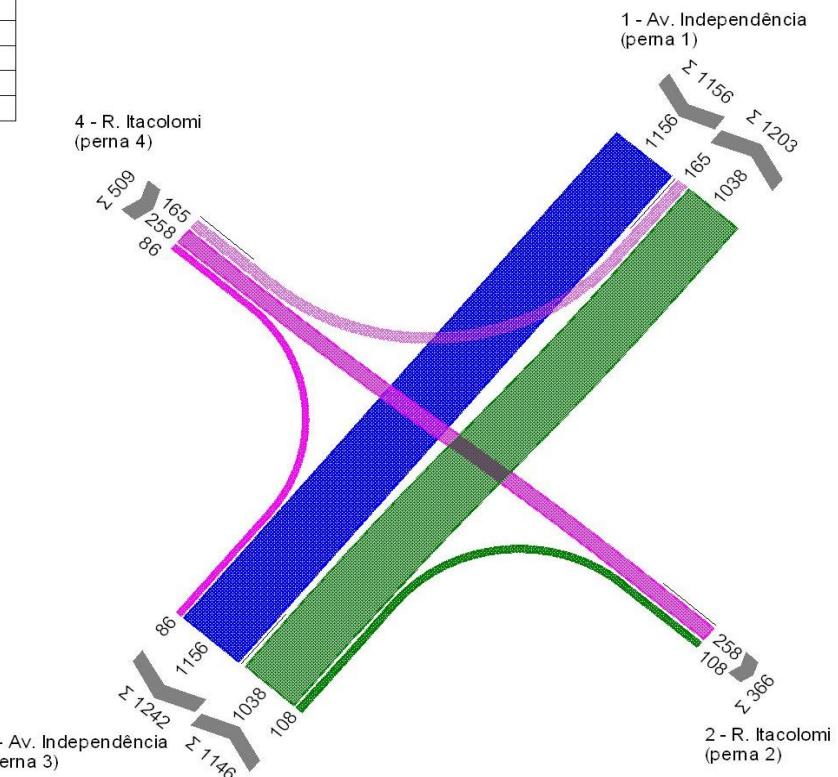
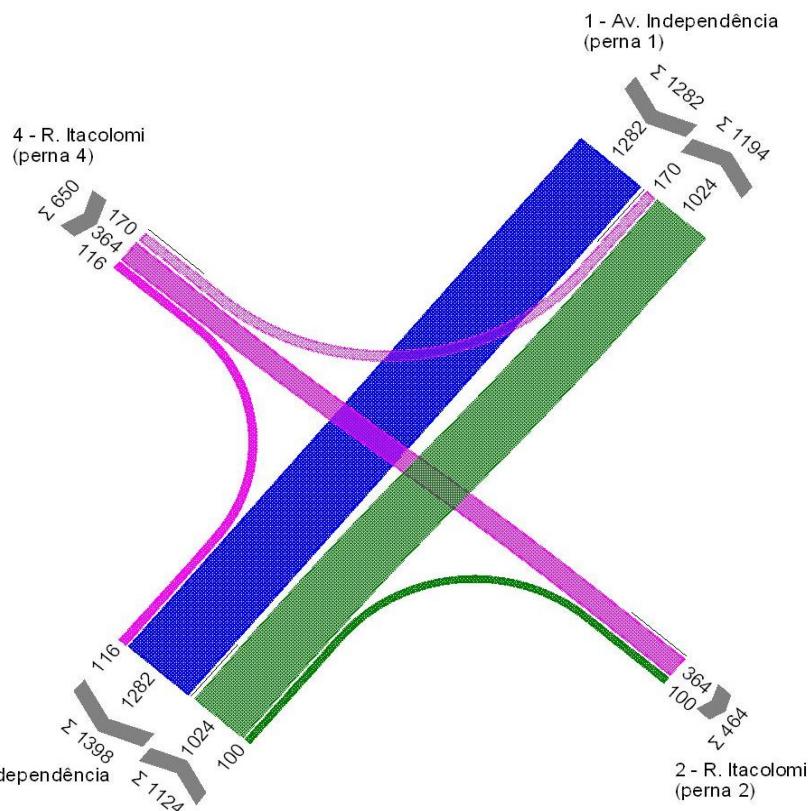
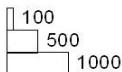


Diagrama de Fluxos 408 - Av. Independência X R. Itacolomi

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
 3056 PCU

De \ Para	1	2	3	4
1			1282	
2				
3	1024	100		
4	170	364	116	



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
 3072 PCU

De \ Para	1	2	3	4
1			1232	
2				
3	1113	105		
4	190	328	104	

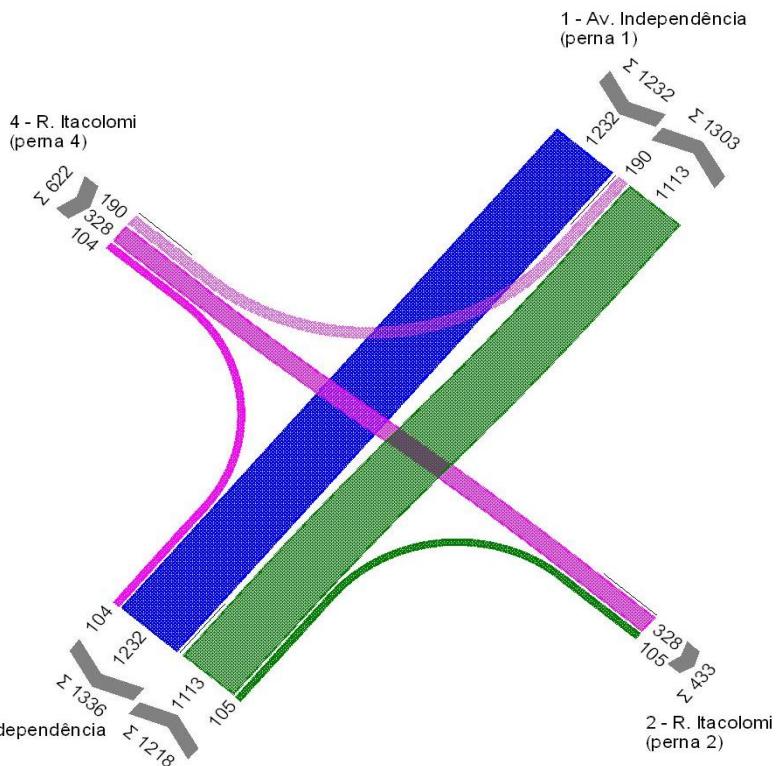
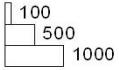
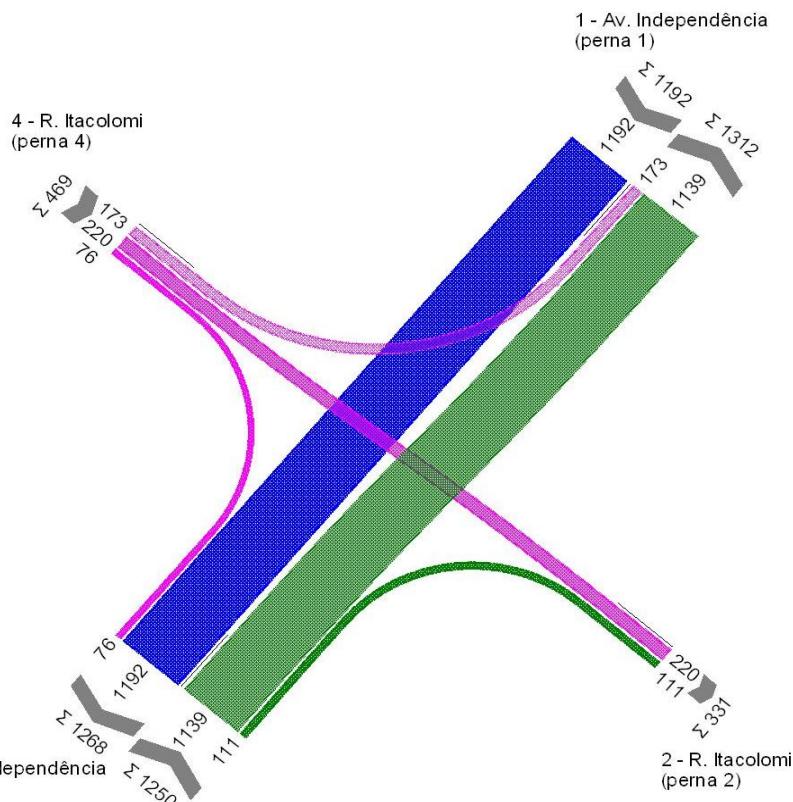


Diagrama de Fluxos 408 - Av. Independência X R. Itacolomi

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
 2911 PCU

De \ Para	1	2	3	4
1			1192	
2				
3	1139	111		
4	173	220	76	

100
500
1000



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
 3001 PCU

De \ Para	1	2	3	4
1			1255	
2				
3	1137	109		
4	168	255	77	

100
500
1000

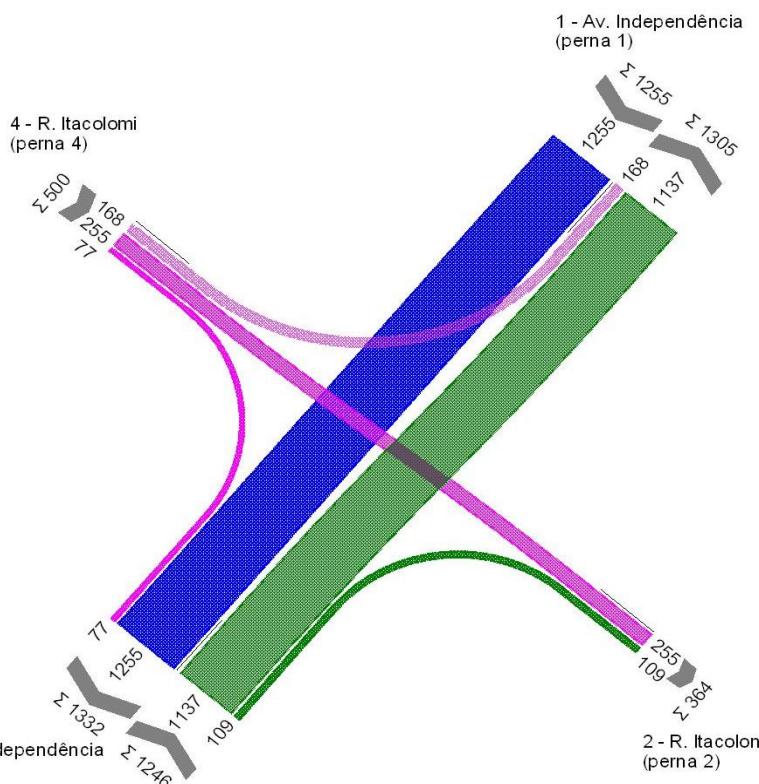
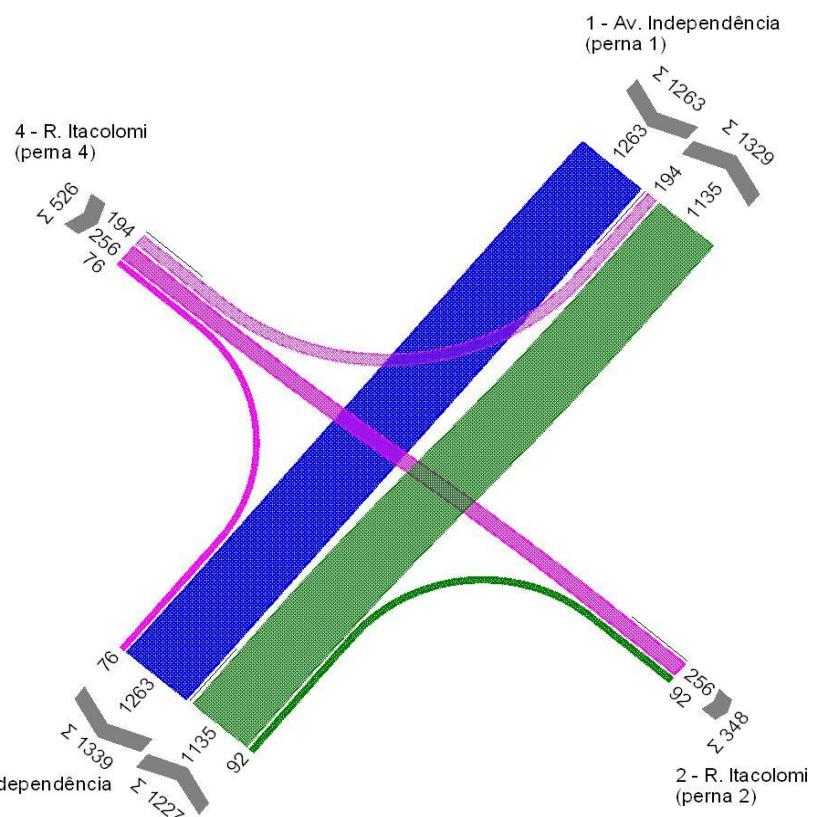


Diagrama de Fluxos 408 - Av. Independência X R. Itacolomi

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
 3016 PCU

De \ Para	1	2	3	4
1				1263
2				
3	1135	92		
4	194	256	76	

■ 100
 □ 500
 ▨ 1000



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
 3279 PCU

De \ Para	1	2	3	4
1			1328	
2				
3	1150	98		
4	193	416	94	

■ 100
 □ 500
 ▨ 1000

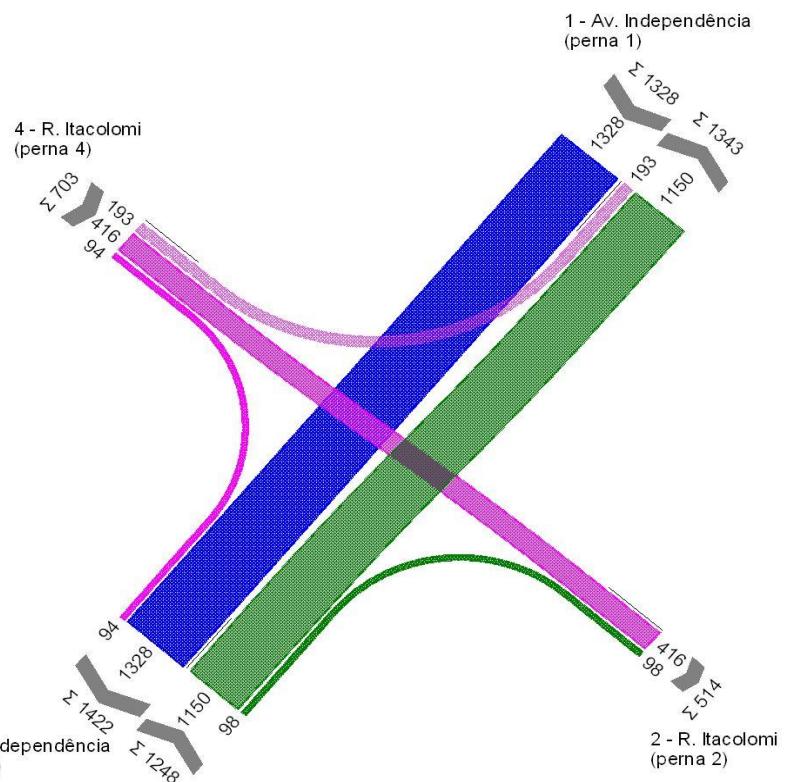
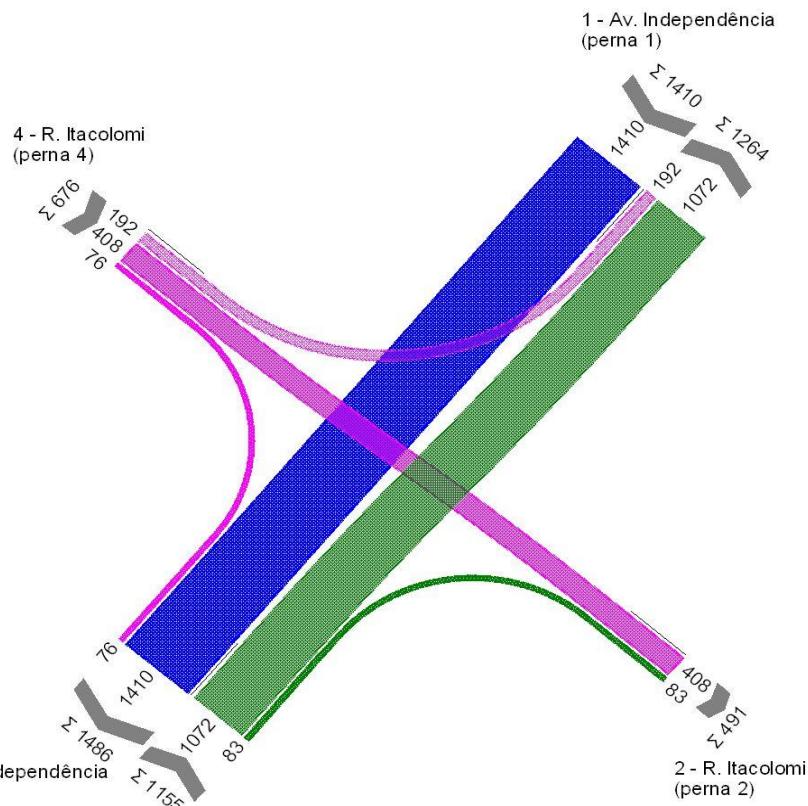


Diagrama de Fluxos 408 - Av. Independência X R. Itacolomi

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
 3241 PCU

De \ Para	1	2	3	4
1			1410	
2				
3	1072	83		
4	192	408	76	

■ 100
 □ 500
 ▨ 1000



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
 2340 PCU

De \ Para	1	2	3	4
1			1024	
2				
3	823	78		
4	126	218	71	

■ 100
 □ 500
 ▨ 1000

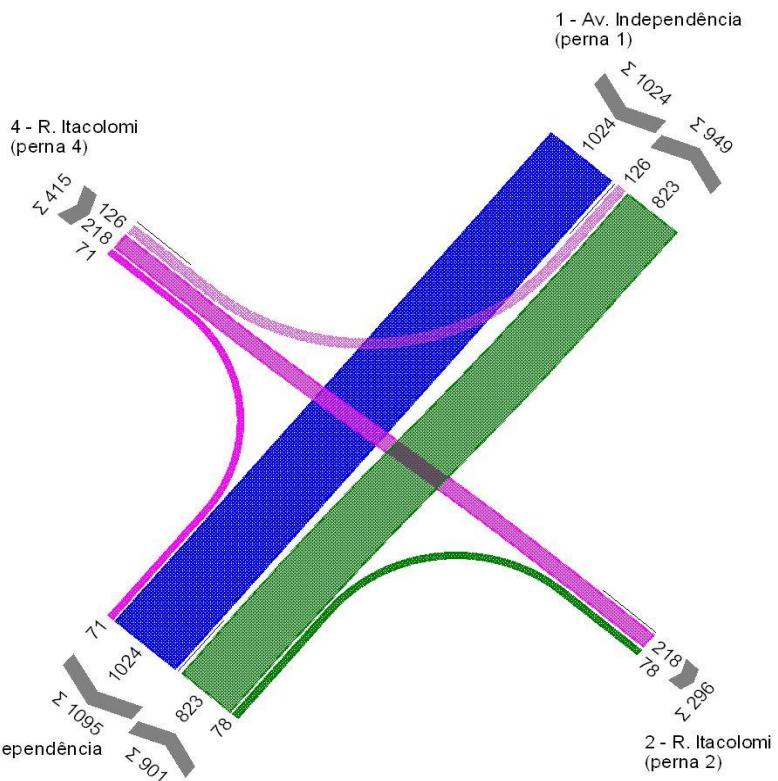


Diagrama de Fluxos 408 - Av. Independência X R. Itacolomi

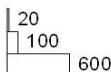
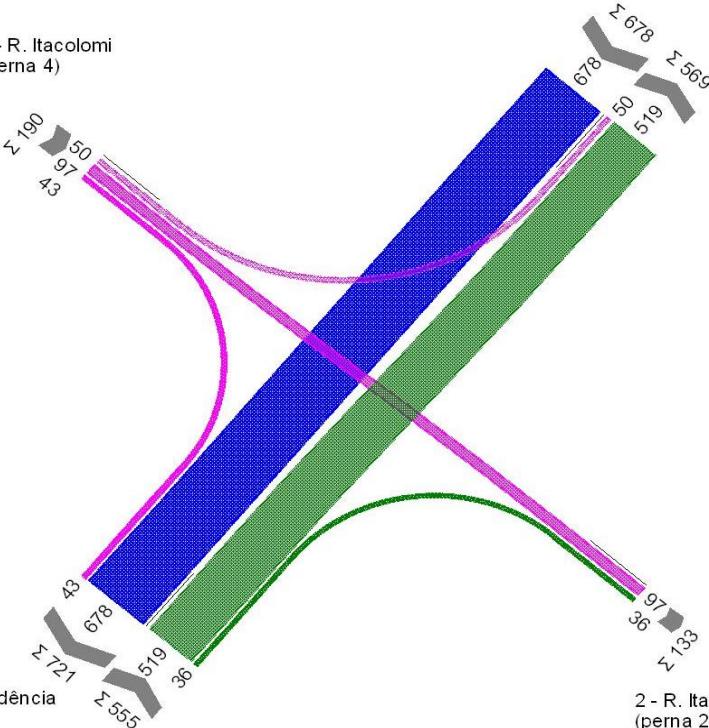
Contagem De 24/10/2018 as 20h00 até 25/10/2018 as 20h00

Valor horário máximo 20:00 - 21:00

On the basis of a time period 24.10.2018 20:00 - 24.10.2018 21:00

1423 PCU

De \ Para	1	2	3	4
1			678	
2				
3	519	36		
4	50	97	43	

4 - R. Itacolomi
(perna 4)1 - Av. Independência
(perna 1)

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

Valor horário máximo 21:00 - 22:00

On the basis of a time period 24.10.2018 21:00 - 24.10.2018 22:00

1212 PCU

De \ Para	1	2	3	4
1			609	
2				
3	458	19		
4	42	52	32	

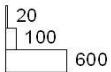
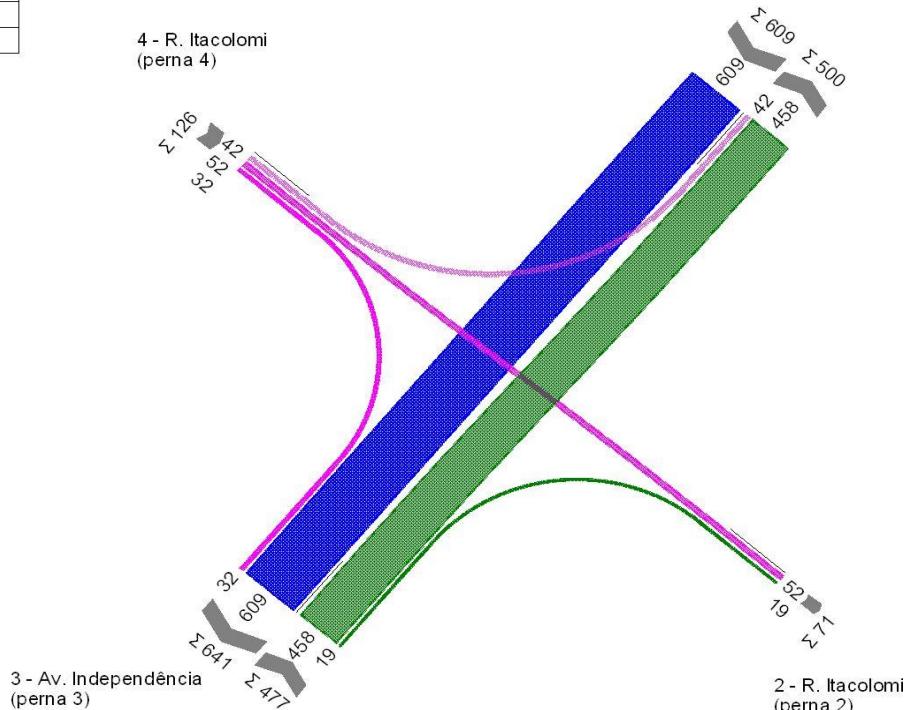
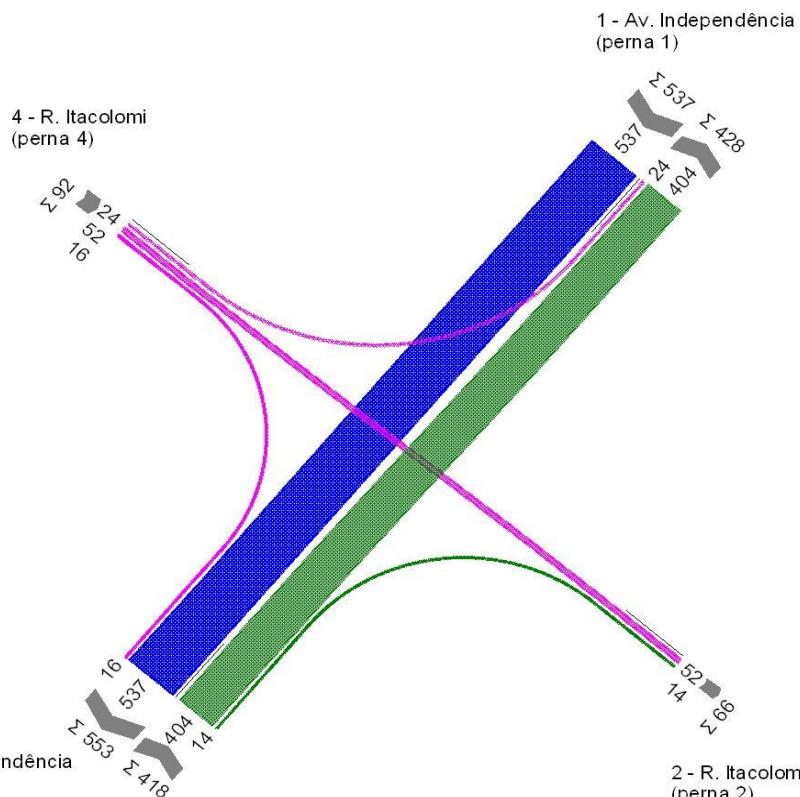
4 - R. Itacolomi
(perna 4)1 - Av. Independência
(perna 1)

Diagrama de Fluxos 408 - Av. Independência X R. Itacolomi

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
 1047 PCU

De \ Para	1	2	3	4
1			537	
2				
3	404	14		
4	24	52	16	

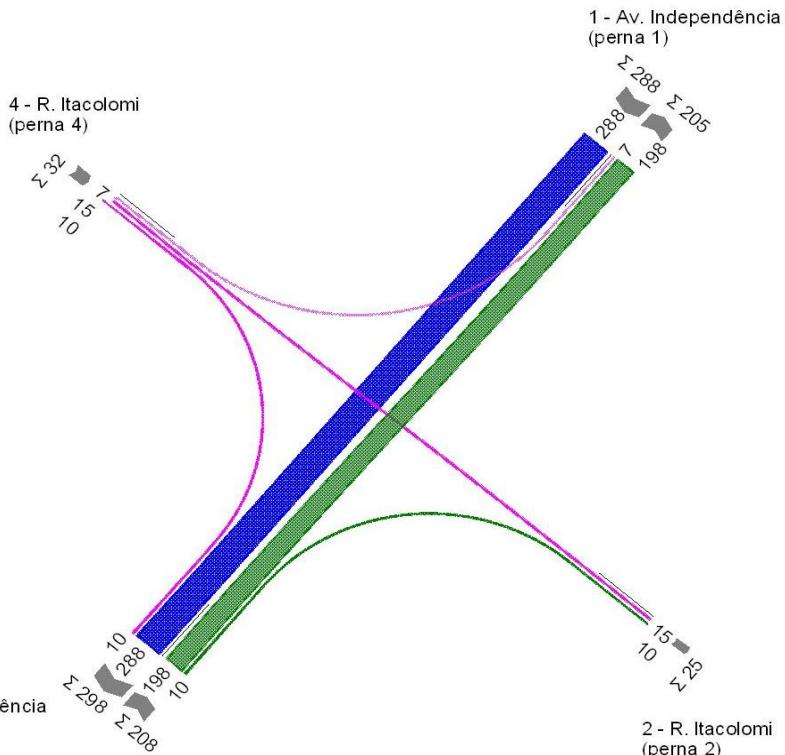
20
100
500



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
 528 PCU

De \ Para	1	2	3	4
1			288	
2				
3	198	10		
4	7	15	10	

20
100
200



PCU**408 - Av. Independência X R. Itacolomi**

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 > 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	180	53	1	3	0	215	237
1:00	2:00	87	14	0	1	0	96	102
2:00	3:00	64	12	0	1	0	72	77
3:00	4:00	24	3	1	0	0	28	28
4:00	5:00	19	2	0	0	0	20	21
5:00	6:00	62	22	1	3	0	82	88
6:00	7:00	389	80	3	10	0	457	482
7:00	8:00	845	178	5	12	0	971	1040
8:00	9:00	915	152	17	8	0	1050	1092
9:00	10:00	919	170	25	7	0	1081	1121
10:00	11:00	971	155	13	5	0	1091	1144
11:00	12:00	1019	189	13	5	0	1156	1226

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	1147	202	7	8	0	1282	1364
13:00	14:00	1106	162	9	11	0	1232	1288
14:00	15:00	1068	147	16	5	0	1192	1236
15:00	16:00	1140	164	10	4	0	1255	1318
16:00	17:00	1125	208	8	7	0	1263	1348
17:00	18:00	1169	254	7	7	0	1328	1437
18:00	19:00	1230	309	4	8	0	1411	1551
19:00	20:00	920	155	4	8	0	1024	1087
20:00	21:00	622	96	1	3	0	679	722
21:00	22:00	558	85	1	3	0	609	647
22:00	23:00	449	94	2	18	0	537	563
23:00	0:00	249	70	0	2	0	288	321

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	52	19	1	3	0	70	75	12:00	12:15	293	56	4	3	0	337	356
0:15	0:30	49	18	0	0	0	58	67	12:15	12:30	318	58	2	2	0	356	380
0:30	0:45	39	7	0	0	0	43	46	12:30	12:45	256	40	1	2	0	283	299
0:45	1:00	40	9	0	0	0	45	49	12:45	13:00	280	48	0	1	0	306	329
1:00	1:15	26	4	0	0	0	28	30	13:00	13:15	284	53	0	4	0	319	341
1:15	1:30	30	2	0	1	0	33	33	13:15	13:30	264	32	1	4	0	291	301
1:30	1:45	23	6	0	0	0	26	29	13:30	13:45	288	35	2	1	0	313	326
1:45	2:00	8	2	0	0	0	9	10	13:45	14:00	270	42	6	2	0	310	320
2:00	2:15	22	2	0	0	0	23	24	14:00	14:15	278	41	3	1	0	308	323
2:15	2:30	15	3	0	1	0	19	19	14:15	14:30	273	31	6	0	0	304	310
2:30	2:45	11	3	0	0	0	13	14	14:30	14:45	249	40	5	2	0	286	296
2:45	3:00	16	4	0	0	0	18	20	14:45	15:00	268	35	2	2	0	295	307
3:00	3:15	9	1	0	0	0	10	10	15:00	15:15	302	28	2	0	0	321	332
3:15	3:30	4	1	0	0	0	5	5	15:15	15:30	257	44	0	1	0	281	302
3:30	3:45	6	0	0	0	0	6	6	15:30	15:45	294	44	5	2	0	333	345
3:45	4:00	5	1	1	0	0	8	7	15:45	16:00	287	48	3	1	0	321	339
4:00	4:15	3	1	0	0	0	4	4	16:00	16:15	308	54	3	1	0	345	366
4:15	4:30	6	0	0	0	0	6	6	16:15	16:30	296	43	4	2	0	332	345
4:30	4:45	7	0	0	0	0	7	7	16:30	16:45	266	50	1	1	0	296	318
4:45	5:00	3	1	0	0	0	4	4	16:45	17:00	255	61	0	3	0	292	319
5:00	5:15	5	2	0	1	0	8	8	17:00	17:15	286	67	4	3	0	336	360
5:15	5:30	15	4	1	0	0	20	20	17:15	17:30	296	53	1	1	0	327	351
5:30	5:45	22	9	0	2	0	31	33	17:30	17:45	283	64	1	2	0	322	350
5:45	6:00	20	7	0	0	0	24	27	17:45	18:00	304	70	1	1	0	344	376
6:00	6:15	33	9	1	2	0	44	45	18:00	18:15	346	86	0	3	0	395	435
6:15	6:30	48	15	1	2	0	62	66	18:15	18:30	306	103	0	0	0	358	409
6:30	6:45	100	23	1	4	0	122	128	18:30	18:45	305	71	2	3	0	352	381
6:45	7:00	208	33	0	2	0	229	243	18:45	19:00	273	49	2	2	0	307	326
7:00	7:15	194	28	1	5	0	221	228	19:00	19:15	278	47	0	4	0	310	329
7:15	7:30	209	33	2	4	0	239	248	19:15	19:30	237	36	1	2	0	262	276
7:30	7:45	199	49	1	2	0	230	251	19:30	19:45	214	33	2	1	0	238	250
7:45	8:00	243	68	1	1	0	282	313	19:45	20:00	191	39	1	1	0	215	232
8:00	8:15	232	67	3	4	0	281	306	20:00	20:15	195	26	0	2	0	212	223
8:15	8:30	190	37	3	1	0	218	231	20:15	20:30	142	20	0	0	0	152	162
8:30	8:45	232	21	6	1	0	260	260	20:30	20:45	149	27	1	1	0	167	178
8:45	9:00	261	27	5	2	0	291	295	20:45	21:00	136	23	0	0	0	148	159
9:00	9:15	257	44	3	3	0	293	307	21:00	21:15	156	20	0	1	0	168	177
9:15	9:30	221	28	10	0	0	260	259	21:15	21:30	156	17	0	1	0	167	174
9:30	9:45	209	47	6	3	0	254	265	21:30	21:45	126	21	0	0	0	137	147
9:45	10:00	232	51	6	1	0	275	290	21:45	22:00	120	27	1	1	0	138	149
10:00	10:15	262	34	3	1	0	289	300	22:00	22:15	120	24	0	3	0	138	147
10:15	10:30	223	49	6	1	0	265	279	22:15	22:30	112	30	1	4	0	138	147
10:30	10:45	230	35	0	2	0	252	267	22:30	22:45	123	23	1	8	0	153	155
10:45	11:00	256	37	4	1	0	287	298	22:45	23:00	94	17	0	3	0	109	114
11:00	11:15	245	43	7	1	0	286	296	23:00	23:15	69	22	0	1	0	82	92
11:15	11:30	240	45	2	2	0	272	289	23:15	23:30	65	13	0	0	0	72	78
11:30	11:45	235	48	1	1	0	264	285	23:30	23:45	53	14	0	1	0	62	68
11:45	12:00	299	53	3	1	0	335	356	23:45	0:00	62	21	0	0	0	73	83

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	119	29	0	1	0	136	149
1:00	2:00	69	10	0	0	0	74	79
2:00	3:00	27	3	1	0	0	31	31
3:00	4:00	25	3	0	0	0	27	28
4:00	5:00	21	7	0	0	0	25	28
5:00	6:00	82	42	1	5	0	116	130
6:00	7:00	511	120	8	15	0	621	654
7:00	8:00	994	315	4	12	0	1186	1325
8:00	9:00	936	206	10	10	0	1084	1162
9:00	10:00	936	172	16	6	0	1074	1130
10:00	11:00	875	168	13	6	0	1004	1062
11:00	12:00	891	206	12	7	0	1038	1116

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	911	188	2	7	0	1024	1108
13:00	14:00	1004	154	8	6	0	1113	1172
14:00	15:00	1045	111	13	3	0	1139	1172
15:00	16:00	1004	163	15	7	0	1137	1189
16:00	17:00	989	212	12	5	0	1135	1218
17:00	18:00	1039	164	6	7	0	1150	1216
18:00	19:00	945	205	2	10	0	1073	1162
19:00	20:00	720	152	2	11	0	823	885
20:00	21:00	474	74	0	4	0	519	552
21:00	22:00	409	79	0	5	0	459	493
22:00	23:00	343	88	1	7	0	404	439
23:00	0:00	168	39	2	3	0	199	212

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	42	11	0	1	0	50	54	12:00	12:15	225	43	1	2	0	253	271
0:15	0:30	37	7	0	0	0	41	44	12:15	12:30	226	39	1	3	0	254	269
0:30	0:45	20	9	0	0	0	25	29	12:30	12:45	234	50	0	1	0	261	285
0:45	1:00	20	2	0	0	0	21	22	12:45	13:00	226	56	0	1	0	256	283
1:00	1:15	19	2	0	0	0	20	21	13:00	13:15	237	38	1	2	0	263	278
1:15	1:30	23	4	0	0	0	25	27	13:15	13:30	227	42	0	1	0	250	270
1:30	1:45	15	2	0	0	0	16	17	13:30	13:45	265	34	4	1	0	294	304
1:45	2:00	12	2	0	0	0	13	14	13:45	14:00	275	40	3	2	0	307	320
2:00	2:15	3	1	0	0	0	4	4	14:00	14:15	276	34	2	1	0	300	313
2:15	2:30	12	0	1	0	0	15	13	14:15	14:30	251	28	4	1	0	277	284
2:30	2:45	9	0	0	0	0	9	9	14:30	14:45	248	23	5	1	0	274	277
2:45	3:00	3	2	0	0	0	4	5	14:45	15:00	270	26	2	0	0	288	298
3:00	3:15	11	1	0	0	0	12	12	15:00	15:15	263	35	4	2	0	295	304
3:15	3:30	2	2	0	0	0	3	4	15:15	15:30	260	35	6	1	0	295	302
3:30	3:45	5	0	0	0	0	5	5	15:30	15:45	218	50	2	1	0	250	271
3:45	4:00	7	0	0	0	0	7	7	15:45	16:00	263	43	3	3	0	298	312
4:00	4:15	7	2	0	0	0	8	9	16:00	16:15	234	41	3	1	0	264	279
4:15	4:30	3	1	0	0	0	4	4	16:15	16:30	247	50	2	1	0	279	300
4:30	4:45	4	1	0	0	0	5	5	16:30	16:45	249	54	2	2	0	285	307
4:45	5:00	7	3	0	0	0	9	10	16:45	17:00	259	67	5	1	0	307	332
5:00	5:15	14	4	0	1	0	18	19	17:00	17:15	274	41	3	1	0	304	319
5:15	5:30	16	6	0	2	0	23	24	17:15	17:30	283	48	2	3	0	318	336
5:30	5:45	18	10	0	0	0	23	28	17:30	17:45	218	42	0	2	0	243	262
5:45	6:00	34	22	1	2	0	52	59	17:45	18:00	264	33	1	1	0	285	299
6:00	6:15	36	25	2	1	0	56	64	18:00	18:15	255	65	1	1	0	292	322
6:15	6:30	65	18	2	4	0	87	89	18:15	18:30	247	40	1	3	0	276	291
6:30	6:45	151	32	4	3	0	183	190	18:30	18:45	216	49	0	1	0	243	266
6:45	7:00	259	45	0	7	0	296	311	18:45	19:00	227	51	0	5	0	263	283
7:00	7:15	226	52	1	3	0	261	282	19:00	19:15	198	41	1	6	0	233	246
7:15	7:30	248	71	0	4	0	292	323	19:15	19:30	186	42	1	2	0	214	231
7:30	7:45	255	78	0	4	0	302	337	19:30	19:45	177	43	0	2	0	203	222
7:45	8:00	265	114	3	1	0	332	383	19:45	20:00	159	26	0	1	0	174	186
8:00	8:15	257	78	2	4	0	309	341	20:00	20:15	150	15	0	3	0	164	168
8:15	8:30	223	49	2	1	0	255	275	20:15	20:30	121	17	0	0	0	130	138
8:30	8:45	231	38	1	4	0	261	274	20:30	20:45	98	17	0	1	0	109	116
8:45	9:00	225	41	5	1	0	260	272	20:45	21:00	105	25	0	0	0	118	130
9:00	9:15	234	40	5	3	0	273	282	21:00	21:15	106	12	0	1	0	114	119
9:15	9:30	235	43	3	1	0	266	282	21:15	21:30	103	22	0	2	0	118	127
9:30	9:45	222	39	4	1	0	254	266	21:30	21:45	95	23	0	2	0	111	120
9:45	10:00	245	50	4	1	0	282	300	21:45	22:00	105	22	0	0	0	116	127
10:00	10:15	230	45	4	2	0	267	281	22:00	22:15	108	36	0	2	0	130	146
10:15	10:30	223	47	4	0	0	257	274	22:15	22:30	96	23	0	2	0	112	121
10:30	10:45	191	45	3	1	0	223	240	22:30	22:45	84	19	0	2	0	98	105
10:45	11:00	231	31	2	3	0	258	267	22:45	23:00	55	10	1	1	0	65	67
11:00	11:15	235	53	3	2	0	273	293	23:00	23:15	48	12	2	2	0	63	64
11:15	11:30	240	36	5	1	0	273	282	23:15	23:30	43	9	0	0	0	48	52
11:30	11:45	206	58	2	2	0	244	268	23:30	23:45	36	5	0	0	0	39	41
11:45	12:00	210	59	2	2	0	249	273	23:45	0:00	41	13	0	1	0	50	55

Movimento Contado**3 > 2 Av. Independência conv à dir. R. Itacolomi****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	11	3	1	0	0	15	15
1:00	2:00	5	0	0	0	0	5	5
2:00	3:00	1	0	0	0	0	1	1
3:00	4:00	4	0	0	0	0	4	4
4:00	5:00	2	0	0	0	0	2	2
5:00	6:00	3	1	0	0	0	4	4
6:00	7:00	31	3	0	0	0	33	34
7:00	8:00	85	28	1	0	0	102	114
8:00	9:00	94	13	5	0	0	113	112
9:00	10:00	73	14	3	0	0	88	90
10:00	11:00	73	14	5	0	0	93	92
11:00	12:00	91	20	3	0	0	109	114

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	93	13	0	0	0	100	106
13:00	14:00	95	15	1	0	0	105	111
14:00	15:00	109	4	0	0	0	111	113
15:00	16:00	98	12	2	0	0	109	112
16:00	17:00	83	17	0	0	0	92	100
17:00	18:00	91	13	0	0	0	98	104
18:00	19:00	71	20	0	1	0	83	92
19:00	20:00	68	12	0	2	0	78	82
20:00	21:00	36	1	0	0	0	37	37
21:00	22:00	18	2	0	0	0	19	20
22:00	23:00	14	1	0	0	0	15	15
23:00	0:00	8	3	0	0	0	10	11

Movimento Contado
3 > 2
Av. Independência conv à dir. R. Itacolomi
Fluxo veicular a cada 15 minutos

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	0:15	5	1	1	0	0	8	7
0:15	0:30	2	0	0	0	0	2	2
0:30	0:45	2	2	0	0	0	3	4
0:45	1:00	2	0	0	0	0	2	2
1:00	1:15	1	0	0	0	0	1	1
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	3	0	0	0	0	3	3
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	2	0	0	0	0	2	2
3:15	3:30	2	0	0	0	0	2	2
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	1	0	0	0	0	1	1
4:45	5:00	1	0	0	0	0	1	1
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	1	0	0	0	0	1	1
5:45	6:00	1	1	0	0	0	2	2
6:00	6:15	2	0	0	0	0	2	2
6:15	6:30	5	1	0	0	0	6	6
6:30	6:45	9	1	0	0	0	10	10
6:45	7:00	15	1	0	0	0	16	16
7:00	7:15	28	1	0	0	0	29	29
7:15	7:30	16	6	0	0	0	19	22
7:30	7:45	10	3	0	0	0	12	13
7:45	8:00	31	18	1	0	0	43	50
8:00	8:15	32	8	1	0	0	39	41
8:15	8:30	25	1	0	0	0	26	26
8:30	8:45	20	2	4	0	0	31	26
8:45	9:00	17	2	0	0	0	18	19
9:00	9:15	24	6	1	0	0	30	31
9:15	9:30	20	2	2	0	0	26	24
9:30	9:45	13	1	0	0	0	14	14
9:45	10:00	16	5	0	0	0	19	21
10:00	10:15	24	6	4	0	0	37	34
10:15	10:30	21	2	0	0	0	22	23
10:30	10:45	16	2	1	0	0	20	19
10:45	11:00	12	4	0	0	0	14	16
11:00	11:15	27	2	0	0	0	28	29
11:15	11:30	25	6	2	0	0	33	33
11:30	11:45	12	7	0	0	0	16	19
11:45	12:00	27	5	1	0	0	32	33

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

Movimento Contado**4 > 1 R. Itacolomi 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	7	1	0	0	0	8	8
1:00	2:00	2	0	0	0	0	2	2
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	1	0	0	0	0	1	1
5:00	6:00	7	2	0	0	0	8	9
6:00	7:00	52	9	0	0	0	57	61
7:00	8:00	174	26	1	0	0	190	201
8:00	9:00	220	28	2	0	0	239	250
9:00	10:00	139	13	4	0	0	156	156
10:00	11:00	136	18	1	0	0	148	155
11:00	12:00	154	17	1	0	0	165	172

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	160	11	2	0	0	171	173
13:00	14:00	177	17	2	0	0	191	196
14:00	15:00	163	10	2	0	0	173	175
15:00	16:00	155	15	2	0	0	168	172
16:00	17:00	181	11	3	0	0	194	195
17:00	18:00	179	23	1	0	0	193	203
18:00	19:00	180	15	1	1	0	192	197
19:00	20:00	118	16	0	0	0	126	134
20:00	21:00	50	1	0	0	0	51	51
21:00	22:00	41	2	0	0	0	42	43
22:00	23:00	20	3	0	1	0	24	24
23:00	0:00	6	2	0	0	0	7	8

Movimento Contado**4 > 1****R. Itacolomi conv à esq. Av. Independência****Fluxo veicular a cada 15 minutos**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	0:15	1	0	0	0	0	1	1
0:15	0:30	2	0	0	0	0	2	2
0:30	0:45	2	0	0	0	0	2	2
0:45	1:00	2	1	0	0	0	3	3
1:00	1:15	0	0	0	0	0	0	0
1:15	1:30	0	0	0	0	0	0	0
1:30	1:45	1	0	0	0	0	1	1
1:45	2:00	1	0	0	0	0	1	1
2:00	2:15	1	0	0	0	0	1	1
2:15	2:30	1	0	0	0	0	1	1
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	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	1	0	0	0	0	1	1
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	2	0	0	0	0	2	2
5:45	6:00	5	2	0	0	0	6	7
6:00	6:15	3	0	0	0	0	3	3
6:15	6:30	11	2	0	0	0	12	13
6:30	6:45	14	1	0	0	0	15	15
6:45	7:00	24	6	0	0	0	27	30
7:00	7:15	25	6	0	0	0	28	31
7:15	7:30	48	7	0	0	0	52	55
7:30	7:45	42	5	0	0	0	45	47
7:45	8:00	59	8	1	0	0	66	68
8:00	8:15	70	11	1	0	0	78	82
8:15	8:30	52	7	0	0	0	56	59
8:30	8:45	49	6	0	0	0	52	55
8:45	9:00	49	4	1	0	0	54	54
9:00	9:15	47	4	0	0	0	49	51
9:15	9:30	32	1	1	0	0	35	34
9:30	9:45	23	2	0	0	0	24	25
9:45	10:00	37	6	3	0	0	48	46
10:00	10:15	39	5	1	0	0	44	45
10:15	10:30	31	6	0	0	0	34	37
10:30	10:45	31	4	0	0	0	33	35
10:45	11:00	35	3	0	0	0	37	38
11:00	11:15	48	1	0	0	0	49	49
11:15	11:30	36	5	1	0	0	41	42
11:30	11:45	29	5	0	0	0	32	34
11:45	12:00	41	6	0	0	0	44	47

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	12:15	44	2	0	0	0	45	46
12:15	12:30	38	1	0	0	0	39	39
12:30	12:45	40	3	1	0	0	44	44
12:45	13:00	38	5	1	0	0	43	44
13:00	13:15	38	5	0	0	0	41	43
13:15	13:30	58	3	2	0	0	65	63
13:30	13:45	37	2	0	0	0	38	39
13:45	14:00	44	7	0	0	0	48	51
14:00	14:15	41	3	1	0	0	45	45
14:15	14:30	27	4	0	0	0	29	31
14:30	14:45	46	3	0	0	0	48	49
14:45	15:00	49	0	1	0	0	52	50
15:00	15:15	32	5	2	0	0	40	39
15:15	15:30	39	4	0	0	0	41	43
15:30	15:45	39	3	0	0	0	41	42
15:45	16:00	45	3	0	0	0	47	48
16:00	16:15	53	3	2	0	0	60	58
16:15	16:30	42	4	1	0	0	47	47
16:30	16:45	43	2	0	0	0	44	45
16:45	17:00	43	2	0	0	0	44	45
17:00	17:15	40	9	0	0	0	45	49
17:15	17:30	42	6	0	0	0	45	48
17:30	17:45	49	2	0	0	0	50	51
17:45	18:00	48	6	1	0	0	54	55
18:00	18:15	52	9	0	0	0	57	61
18:15	18:30	45	2	0	0	0	46	47
18:30	18:45	45	2	0	0	0	46	47
18:45	19:00	38	2	1	1	0	44	42
19:00	19:15	30	2	0	0	0	31	32
19:15	19:30	37	2	0	0	0	38	39
19:30	19:45	25	6	0	0	0	28	31
19:45	20:00	26	6	0	0	0	29	32
20:00	20:15	23	0	0	0	0	23	23
20:15	20:30	9	1	0	0	0	10	10
20:30	20:45	8	0	0	0	0	8	8
20:45	21:00	10	0	0	0	0	10	10
21:00	21:15	18	0	0	0	0	18	18
21:15	21:30	8	0	0	0	0	8	8
21:30	21:45	6	1	0	0	0	7	7
21:45	22:00	9	1	0	0	0	10	10
22:00	22:15	5	0	0	0	0	5	5
22:15	22:30	7	3	0	1	0	11	11
22:30	22:45	4	0	0	0	0	4	4
22:45	23:00	4	0	0	0	0	4	4
23:00	23:15	2	0	0	0	0	2	2
23:15	23:30	0	1	0	0	0	1	1
23:30	23:45	2	1	0	0	0	3	3
23:45	0:00	2	0	0	0	0	2	2

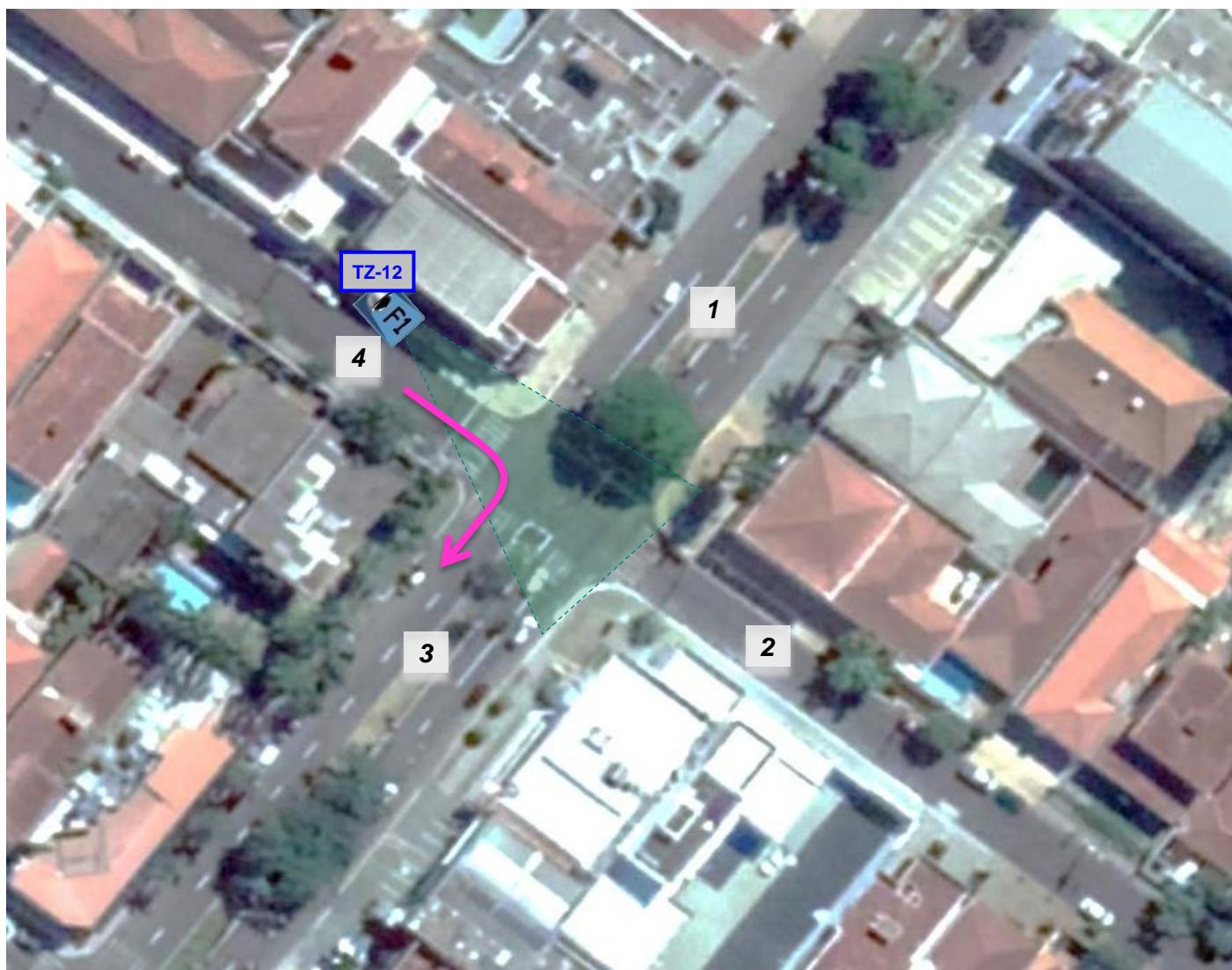
Movimento Contado**4 > 2 R. Itacolomi em frente****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	9	1	0	1	0	12	11
1:00	2:00	4	0	0	0	0	4	4
2:00	3:00	0	1	0	0	0	1	1
3:00	4:00	0	1	0	0	0	1	1
4:00	5:00	2	1	0	0	0	3	3
5:00	6:00	10	5	0	0	0	13	15
6:00	7:00	82	21	0	2	0	97	105
7:00	8:00	370	65	2	2	0	412	439
8:00	9:00	298	30	2	3	0	324	333
9:00	10:00	207	28	6	3	0	242	244
10:00	11:00	196	16	0	1	0	206	213
11:00	12:00	234	36	1	2	0	259	273

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	331	33	5	2	0	364	371
13:00	14:00	295	43	3	2	0	328	343
14:00	15:00	196	25	3	2	0	220	226
15:00	16:00	233	31	1	2	0	255	267
16:00	17:00	234	26	2	2	0	256	264
17:00	18:00	384	26	5	3	0	416	418
18:00	19:00	384	40	0	2	0	408	426
19:00	20:00	204	16	0	3	0	218	223
20:00	21:00	89	12	0	1	0	97	102
21:00	22:00	48	4	0	1	0	52	53
22:00	23:00	41	7	0	4	0	53	52
23:00	0:00	12	2	0	1	0	15	15

Movimento Contado**4 > 2****R. Itacolomi 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	2	1	0	1	0	5		12:00 12:15	74	9	1	1	0	83	85
0:15 0:30	1	0	0	0	0	1		12:15 12:30	71	6	0	0	0	74	77
0:30 0:45	2	0	0	0	0	2		12:30 12:45	97	10	2	1	0	109	110
0:45 1:00	4	0	0	0	0	4		12:45 13:00	89	8	2	0	0	98	99
1:00 1:15	1	0	0	0	0	1		13:00 13:15	80	6	1	1	0	88	88
1:15 1:30	2	0	0	0	0	2		13:15 13:30	67	11	1	0	0	75	79
1:30 1:45	1	0	0	0	0	1		13:30 13:45	78	9	0	1	0	85	88
1:45 2:00	0	0	0	0	0	0		13:45 14:00	70	17	1	0	0	81	88
2:00 2:15	0	0	0	0	0	0		14:00 14:15	49	8	1	1	0	58	59
2:15 2:30	0	0	0	0	0	0		14:15 14:30	44	9	1	0	0	51	54
2:30 2:45	0	0	0	0	0	0		14:30 14:45	60	5	0	1	0	65	66
2:45 3:00	0	1	0	0	0	1		14:45 15:00	43	3	1	0	0	47	47
3:00 3:15	0	0	0	0	0	0		15:00 15:15	58	6	0	1	0	63	65
3:15 3:30	0	1	0	0	0	1		15:15 15:30	46	8	0	0	0	50	54
3:30 3:45	0	0	0	0	0	0		15:30 15:45	56	9	1	1	0	65	67
3:45 4:00	0	0	0	0	0	0		15:45 16:00	73	8	0	0	0	77	81
4:00 4:15	0	0	0	0	0	0		16:00 16:15	54	8	1	1	0	63	64
4:15 4:30	0	0	0	0	0	0		16:15 16:30	67	9	0	0	0	72	76
4:30 4:45	1	0	0	0	0	1		16:30 16:45	51	5	0	1	0	56	57
4:45 5:00	1	1	0	0	0	2		16:45 17:00	62	4	1	0	0	67	67
5:00 5:15	3	0	0	0	0	3		17:00 17:15	88	8	0	1	0	94	97
5:15 5:30	2	0	0	0	0	2		17:15 17:30	97	3	1	0	0	101	101
5:30 5:45	3	2	0	0	0	4		17:30 17:45	104	4	1	1	0	111	110
5:45 6:00	2	3	0	0	0	4		17:45 18:00	95	11	3	1	0	110	110
6:00 6:15	4	3	0	0	0	6		18:00 18:15	115	11	0	1	0	123	127
6:15 6:30	9	1	0	0	0	10		18:15 18:30	104	13	0	0	0	111	117
6:30 6:45	16	8	0	1	0	22		18:30 18:45	99	8	0	1	0	105	108
6:45 7:00	53	9	0	1	0	60		18:45 19:00	66	8	0	0	0	70	74
7:00 7:15	72	9	0	0	0	77		19:00 19:15	59	4	0	1	0	63	64
7:15 7:30	82	10	0	0	0	87		19:15 19:30	61	7	0	0	0	65	68
7:30 7:45	102	22	1	2	0	120		19:30 19:45	49	4	0	1	0	53	54
7:45 8:00	114	24	1	0	0	129		19:45 20:00	35	1	0	1	0	38	37
8:00 8:15	96	11	1	2	0	108		20:00 20:15	27	6	0	0	0	30	33
8:15 8:30	67	6	1	0	0	73		20:15 20:30	18	4	0	0	0	20	22
8:30 8:45	56	5	0	1	0	61		20:30 20:45	24	1	0	1	0	27	26
8:45 9:00	79	8	0	0	0	83		20:45 21:00	20	1	0	0	0	21	21
9:00 9:15	52	9	3	1	0	66		21:00 21:15	16	1	0	0	0	17	17
9:15 9:30	53	10	3	0	0	66		21:15 21:30	12	1	0	0	0	13	13
9:30 9:45	54	5	0	1	0	59		21:30 21:45	11	2	0	1	0	14	14
9:45 10:00	48	4	0	1	0	52		21:45 22:00	9	0	0	0	0	9	9
10:00 10:15	63	5	0	0	0	66		22:00 22:15	12	1	0	0	0	13	13
10:15 10:30	45	7	0	1	0	51		22:15 22:30	9	1	0	4	0	18	14
10:30 10:45	53	3	0	0	0	55		22:30 22:45	11	1	0	0	0	12	12
10:45 11:00	35	1	0	0	0	36		22:45 23:00	9	4	0	0	0	11	13
11:00 11:15	44	8	0	1	0	50		23:00 23:15	4	2	0	1	0	7	7
11:15 11:30	44	9	0	0	0	49		23:15 23:30	1	0	0	0	0	1	1
11:30 11:45	72	11	0	1	0	80		23:30 23:45	1	0	0	0	0	1	1
11:45 12:00	74	8	1	0	0	81		23:45 0:00	6	0	0	0	0	6	6

Movimento Contado**4 > 3 R. Itacolomi 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	1	0	0	0	0	1	1
1:00	2:00	2	0	0	0	0	2	2
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	2	1	0	0	0	3	3
6:00	7:00	13	0	0	1	0	15	14
7:00	8:00	64	6	0	0	0	67	70
8:00	9:00	69	7	0	0	0	73	76
9:00	10:00	64	2	2	0	0	70	68
10:00	11:00	72	8	2	0	0	81	82
11:00	12:00	76	4	3	0	0	86	83

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	112	7	0	0	0	116	119
13:00	14:00	91	5	4	0	0	104	100
14:00	15:00	72	3	1	0	0	76	76
15:00	16:00	73	8	0	0	0	77	81
16:00	17:00	72	7	0	0	0	76	79
17:00	18:00	93	2	0	0	0	94	95
18:00	19:00	71	9	0	0	0	76	80
19:00	20:00	63	11	1	0	0	71	75
20:00	21:00	42	2	0	0	0	43	44
21:00	22:00	32	1	0	0	0	33	33
22:00	23:00	13	2	0	1	0	16	16
23:00	0:00	10	1	0	0	0	11	11

Movimento Contado**4 > 3****R. Itacolomi conv à dir. 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	26	1	0	0	0	27	27		
0:15 0:30	0	0	0	0	0	0	0	12:15 12:30	26	3	0	0	0	28	29		
0:30 0:45	1	0	0	0	0	0	1	12:30 12:45	30	3	0	0	0	32	33		
0:45 1:00	0	0	0	0	0	0	0	12:45 13:00	30	0	0	0	0	30	30		
1:00 1:15	0	0	0	0	0	0	0	13:00 13:15	27	1	0	0	0	28	28		
1:15 1:30	2	0	0	0	0	0	2	13:15 13:30	16	1	2	0	0	22	19		
1:30 1:45	0	0	0	0	0	0	0	13:30 13:45	24	1	0	0	0	25	25		
1:45 2:00	0	0	0	0	0	0	0	13:45 14:00	24	2	2	0	0	30	28		
2:00 2:15	0	0	0	0	0	0	0	14:00 14:15	17	1	0	0	0	18	18		
2:15 2:30	0	0	0	0	0	0	0	14:15 14:30	19	2	1	0	0	23	22		
2:30 2:45	2	0	0	0	0	0	2	14:30 14:45	19	0	0	0	0	19	19		
2:45 3:00	0	0	0	0	0	0	0	14:45 15:00	17	0	0	0	0	17	17		
3:00 3:15	0	0	0	0	0	0	0	15:00 15:15	16	0	0	0	0	16	16		
3:15 3:30	0	0	0	0	0	0	0	15:15 15:30	20	2	0	0	0	21	22		
3:30 3:45	0	0	0	0	0	0	0	15:30 15:45	15	3	0	0	0	17	18		
3:45 4:00	0	0	0	0	0	0	0	15:45 16:00	22	3	0	0	0	24	25		
4:00 4:15	0	0	0	0	0	0	0	16:00 16:15	18	1	0	0	0	19	19		
4:15 4:30	0	0	0	0	0	0	0	16:15 16:30	11	2	0	0	0	12	13		
4:30 4:45	0	0	0	0	0	0	0	16:30 16:45	25	3	0	0	0	27	28		
4:45 5:00	0	0	0	0	0	0	0	16:45 17:00	18	1	0	0	0	19	19		
5:00 5:15	1	0	0	0	0	1	1	17:00 17:15	16	1	0	0	0	17	17		
5:15 5:30	0	1	0	0	0	1	1	17:15 17:30	26	1	0	0	0	27	27		
5:30 5:45	0	0	0	0	0	0	0	17:30 17:45	32	0	0	0	0	32	32		
5:45 6:00	1	0	0	0	0	1	1	17:45 18:00	19	0	0	0	0	19	19		
6:00 6:15	0	0	0	0	0	0	0	18:00 18:15	19	2	0	0	0	20	21		
6:15 6:30	2	0	0	0	0	0	2	18:15 18:30	27	1	0	0	0	28	28		
6:30 6:45	3	0	0	0	0	0	3	18:30 18:45	15	5	0	0	0	18	20		
6:45 7:00	8	0	0	1	0	10	9	18:45 19:00	10	1	0	0	0	11	11		
7:00 7:15	9	0	0	0	0	9	9	19:00 19:15	13	4	1	0	0	18	18		
7:15 7:30	25	2	0	0	0	26	27	19:15 19:30	17	1	0	0	0	18	18		
7:30 7:45	10	3	0	0	0	12	13	19:30 19:45	15	3	0	0	0	17	18		
7:45 8:00	20	1	0	0	0	21	21	19:45 20:00	18	3	0	0	0	20	21		
8:00 8:15	15	3	0	0	0	17	18	20:00 20:15	15	1	0	0	0	16	16		
8:15 8:30	14	1	0	0	0	15	15	20:15 20:30	13	1	0	0	0	14	14		
8:30 8:45	25	2	0	0	0	26	27	20:30 20:45	10	0	0	0	0	10	10		
8:45 9:00	15	1	0	0	0	16	16	20:45 21:00	4	0	0	0	0	4	4		
9:00 9:15	8	0	0	0	0	8	8	21:00 21:15	12	0	0	0	0	12	12		
9:15 9:30	21	0	1	0	0	24	22	21:15 21:30	10	0	0	0	0	10	10		
9:30 9:45	20	1	1	0	0	23	22	21:30 21:45	6	1	0	0	0	7	7		
9:45 10:00	15	1	0	0	0	16	16	21:45 22:00	4	0	0	0	0	4	4		
10:00 10:15	22	3	1	0	0	26	26	22:00 22:15	2	0	0	0	0	2	2		
10:15 10:30	17	0	1	0	0	20	18	22:15 22:30	2	1	0	0	0	3	3		
10:30 10:45	22	3	0	0	0	24	25	22:30 22:45	7	0	0	1	0	9	8		
10:45 11:00	11	2	0	0	0	12	13	22:45 23:00	2	1	0	0	0	3	3		
11:00 11:15	23	2	1	0	0	27	26	23:00 23:15	3	1	0	0	0	4	4		
11:15 11:30	18	0	1	0	0	21	19	23:15 23:30	3	0	0	0	0	3	3		
11:30 11:45	20	0	0	0	0	20	20	23:30 23:45	3	0	0	0	0	3	3		
11:45 12:00	15	2	1	0	0	19	18	23:45 0:00	1	0	0	0	0	1	1		