

# **RELATÓRIO DE PESQUISAS**

## **CONTAGEM VOLUMÉTRICA CLASSIFICADA EM CRUZAMENTOS (15)**

**331 - Av. Treze de Maio x R. Atibaia**

**Ref.: RT-4378-01-200-3J21-331\_A**



**Ribeirão Preto - SP**

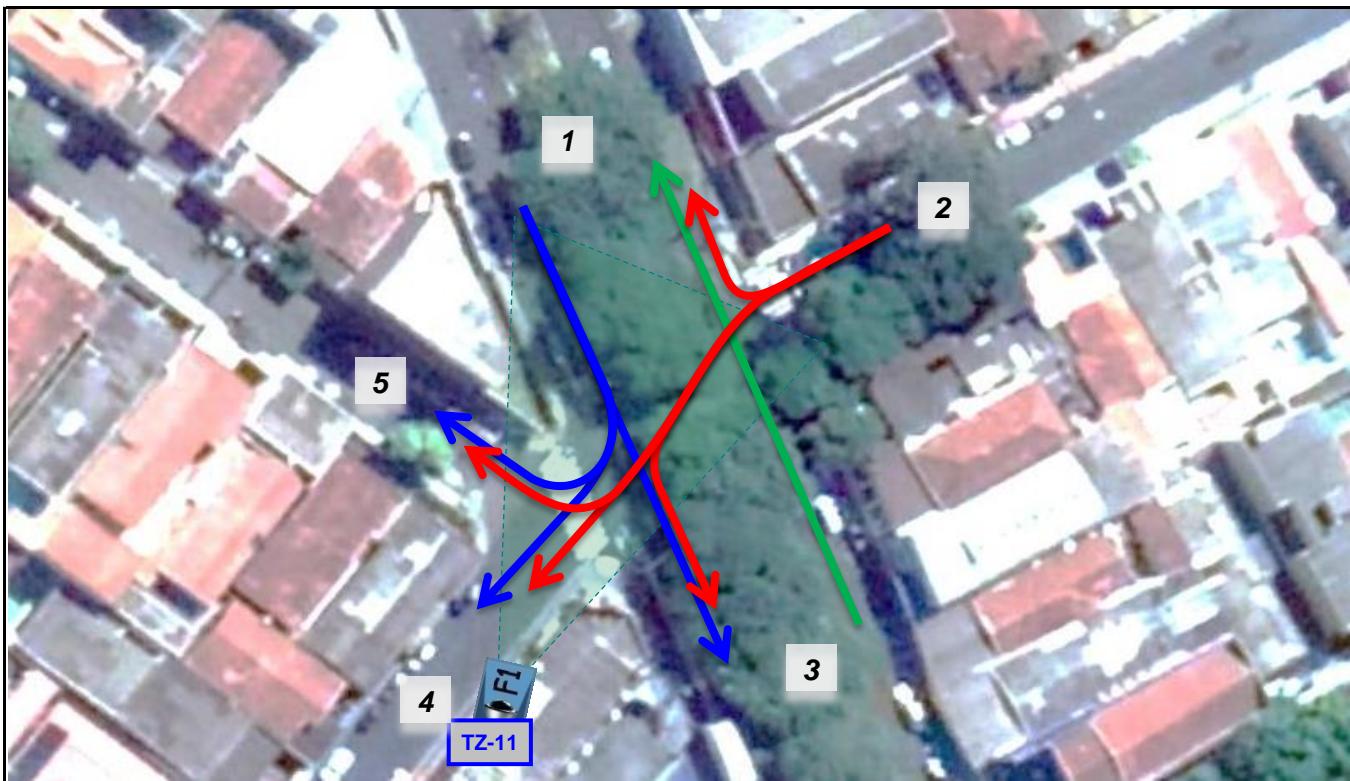
**Dezembro de 2018**

Responsável Técnico:

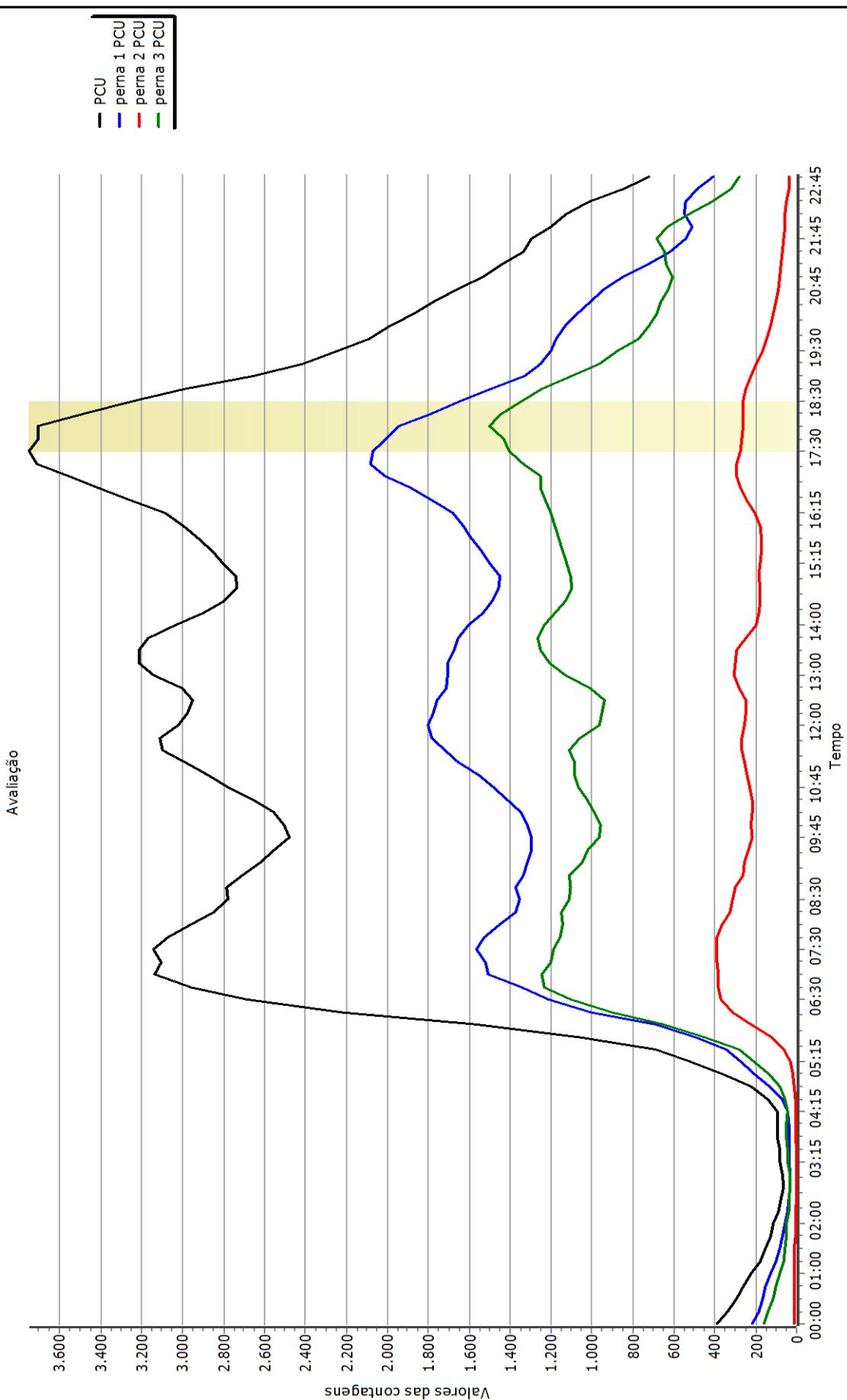
Fábio de Campos Bittencourt

CREA N°:

ART 28027230181266891

**Croquis****331 - Av. Treze de Maio x R. Atibaia****Vídeos****Movimentos Contados**

- |       |  |
|-------|--|
| 1 > 3 | Av. Treze de Maio em frente              |
| 1 > 4 | Av. Treze de Maio conv à dir. R. Atibaia |
| 1 > 5 | Av. Treze de Maio conv à dir. R. França  |
| 2 > 1 | R. Atibaia conv à dir. Av. Treze De Maio |
| 2 > 3 | R. Atibaia conv à esq. Av. Treze De Maio |
| 2 > 4 | R. Atibaia em frente                     |
| 2 > 5 | R. Atibaia conv à dir. R. França         |
| 3 > 1 | Av. Treze de Maio em frente              |

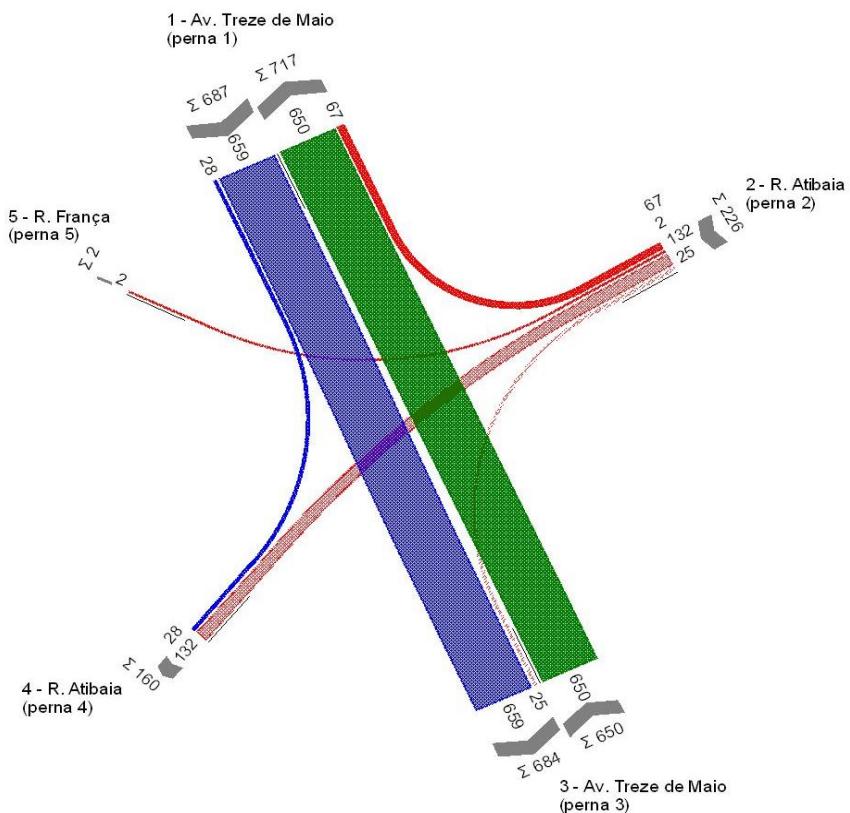
**Perfil Horário 331 - Av. Treze de Maio x R. Atibaia**

**Diagrama de Fluxos****331 - Av. Treze de Maio x R. Atibaia**

Contagem De 30/10/2018 as 03h00 até 31/10/2018 as 03h00  
 Valor horário máximo 06:00 - 07:00  
 On the basis of a time period 30.10.2018 06:00 - 30.10.2018 07:00  
 1563 PCU

De \ Para	1	2	3	4	5
1			659	28	
2	67		25	132	2
3	650				
4					
5					

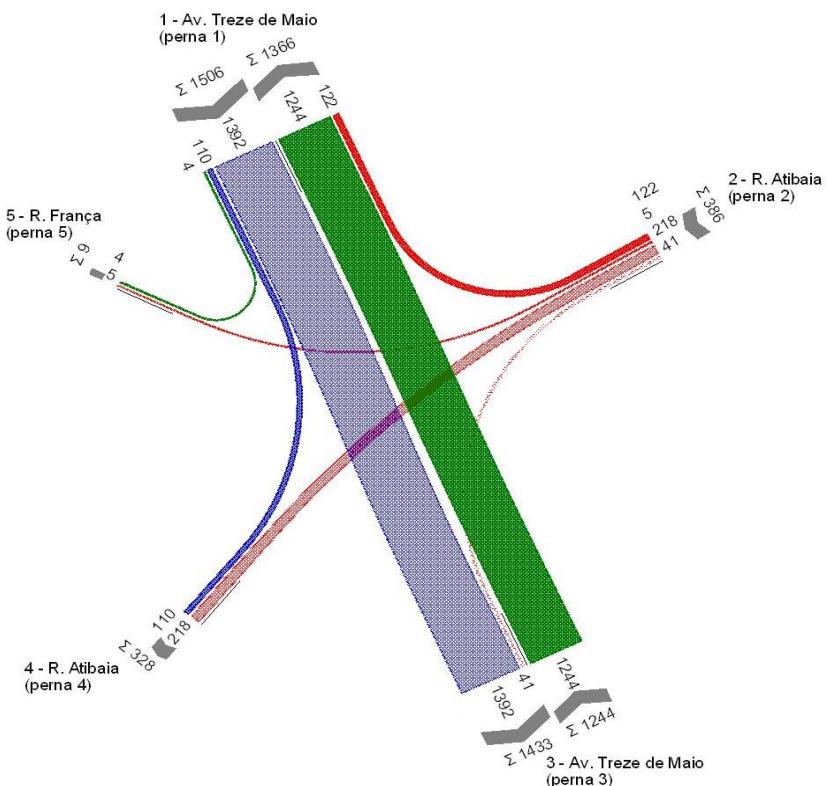
20  
 100  
 600



Contagem De 30/10/2018 as 03h00 até 31/10/2018 as 03h00  
 Valor horário máximo 07:00 - 08:00  
 On the basis of a time period 30.10.2018 07:00 - 30.10.2018 08:00  
 3136 PCU

De \ Para	1	2	3	4	5
1			1392	110	4
2	122		41	218	5
3	1244				
4					
5					

100  
 500  
 1000

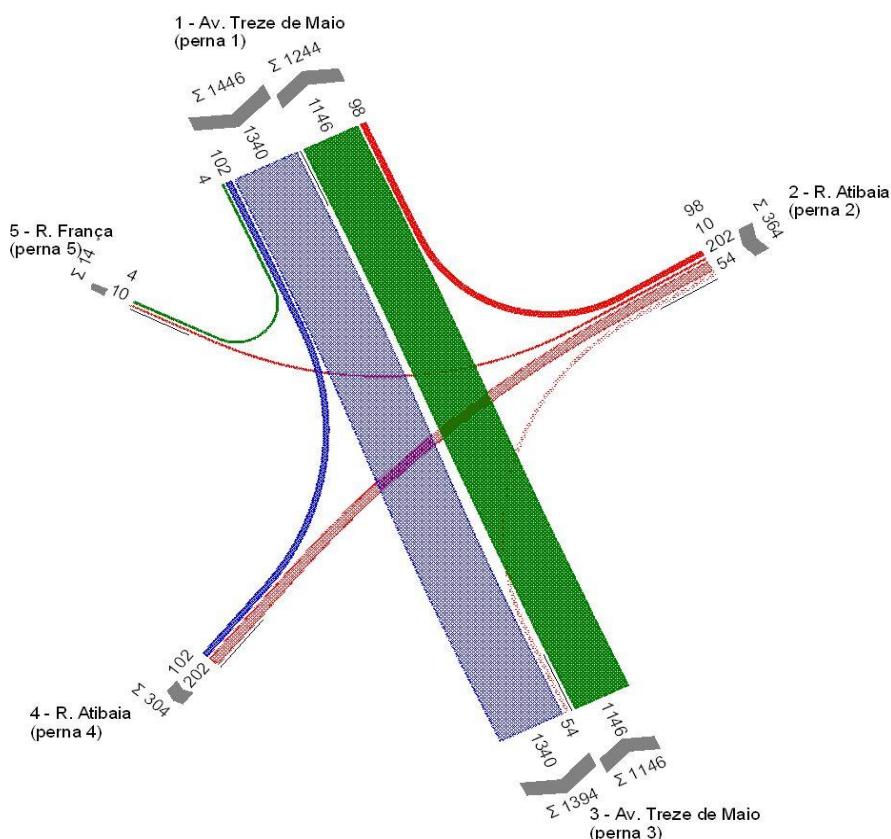


**Diagrama de Fluxos 331 - Av. Treze de Maio x R. Atibaia**

Contagem De 30/10/2018 as 03h00 até 31/10/2018 as 03h00  
 Valor horário máximo 08:00 - 09:00  
 On the basis of a time period 30.10.2018 08:00 - 30.10.2018 09:00  
 2956 PCU

De \ Para	1	2	3	4	5
1			1340	102	4
2	98		54	202	10
3	1146				
4					
5					

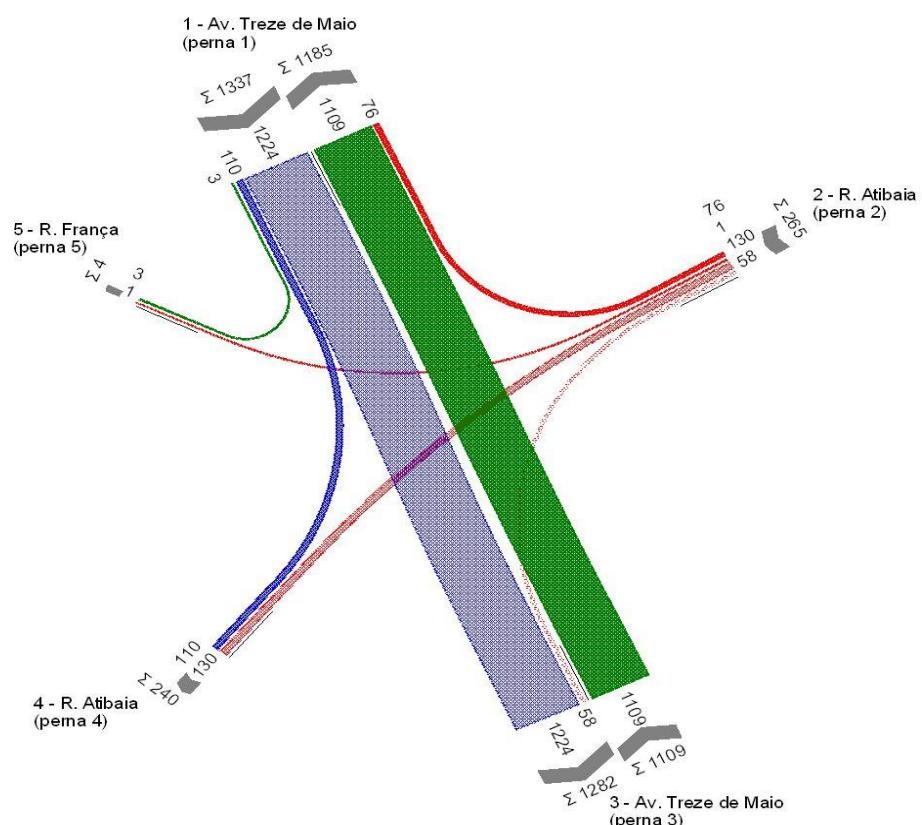
■ 100  
 □ 500  
 ▨ 1000



Contagem De 30/10/2018 as 03h00 até 31/10/2018 as 03h00  
 Valor horário maximo 09:00 - 10:00  
 On the basis of a time period 30.10.2018 09:00 - 30.10.2018 10:00  
 2711 PCU

De \ Para	1	2	3	4	5
1			1224	110	3
2	76		58	130	1
3	1109				
4					
5					

■ 100  
 □ 500  
 ▨ 1000

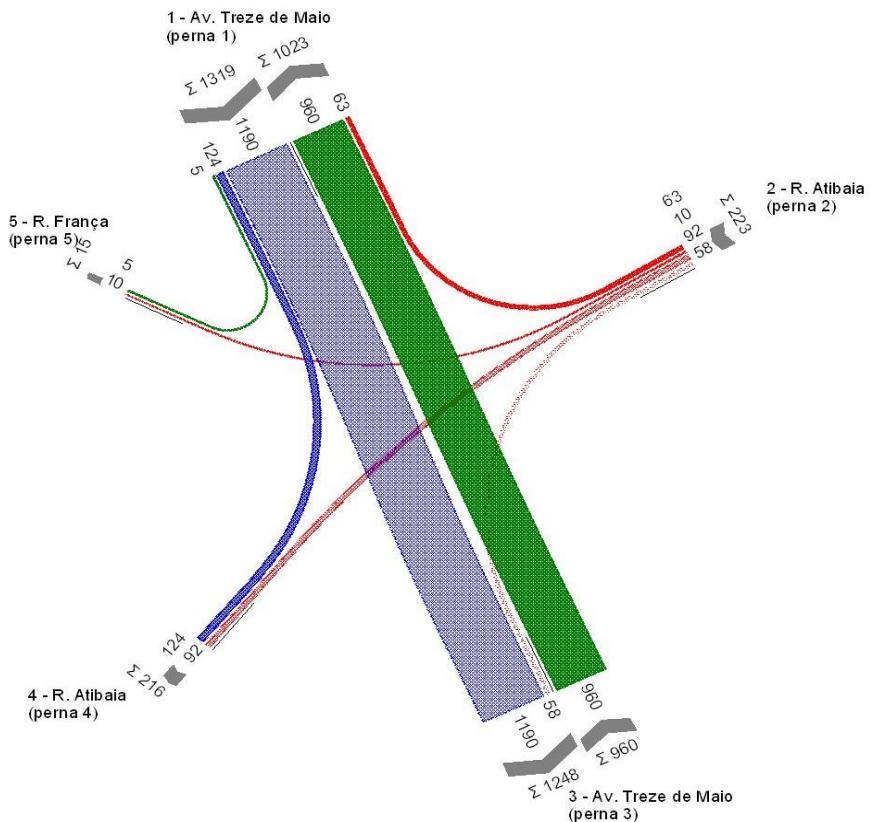


**Diagrama de Fluxos 331 - Av. Treze de Maio x R. Atibaia**

Contagem De 30/10/2018 as 03h00 até 31/10/2018 as 03h00  
 Valor horário máximo 10:00 - 11:00  
 On the basis of a time period 30.10.2018 10:00 - 30.10.2018 11:00  
 2502 PCU

De \ Para	1	2	3	4	5
1			1190	124	5
2	63		58	92	10
3	960				
4					
5					

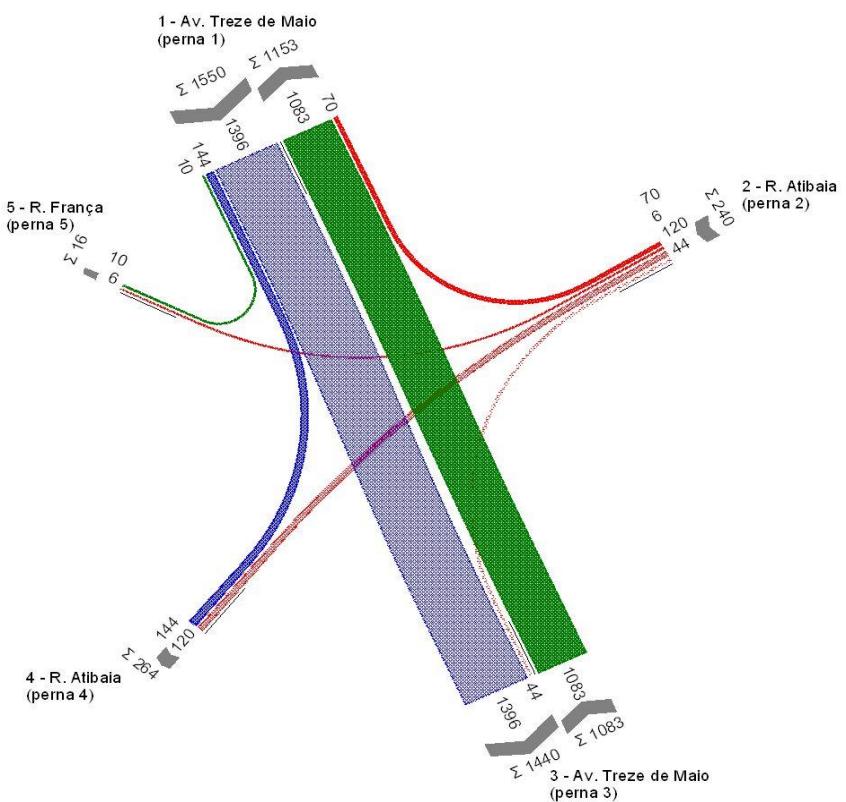
■ 100  
 □ 500  
 ▨ 1000



Contagem De 30/10/2018 as 03h00 até 31/10/2018 as 03h00  
 Valor horário máximo 11:00 - 12:00  
 On the basis of a time period 30.10.2018 11:00 - 30.10.2018 12:00  
 2873 PCU

De \ Para	1	2	3	4	5
1			1396	144	10
2	70		44	120	6
3	1083				
4					
5					

■ 100  
 □ 500  
 ▨ 1000

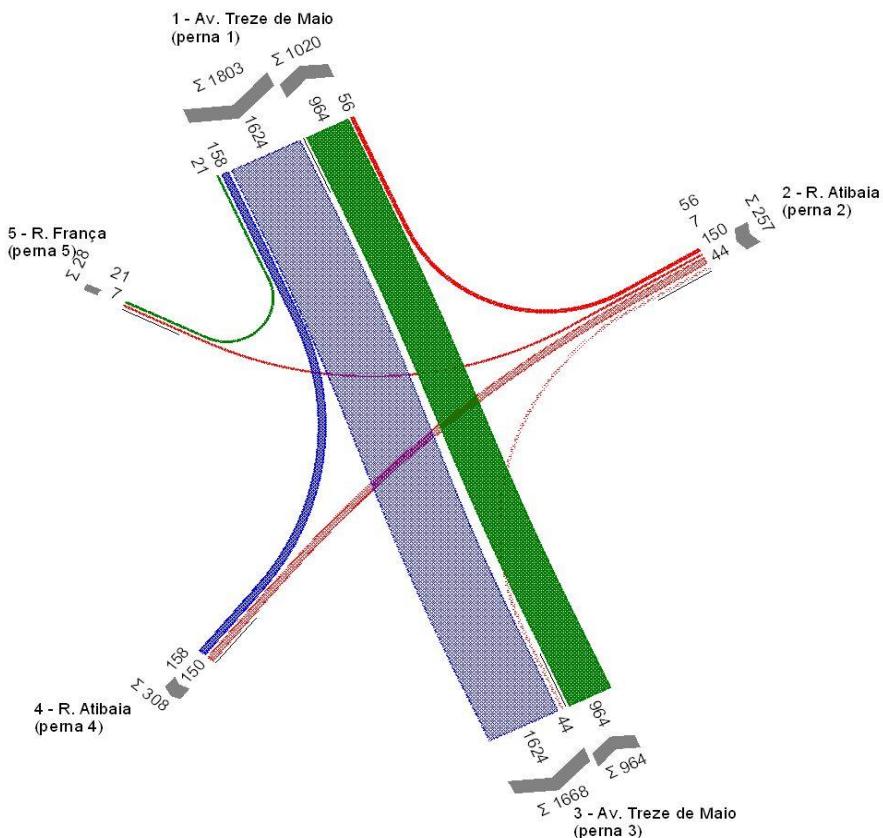


**Diagrama de Fluxos 331 - Av. Treze de Maio x R. Atibaia**

Contagem De 30/10/2018 as 03h00 até 31/10/2018 as 03h00  
 Valor horário maximo 12:00 - 13:00  
 On the basis of a time period 30.10.2018 12:00 - 30.10.2018 13:00  
 3024 PCU

De \ Para	1	2	3	4	5
1			1624	158	21
2	56		44	150	7
3	964				
4					
5					

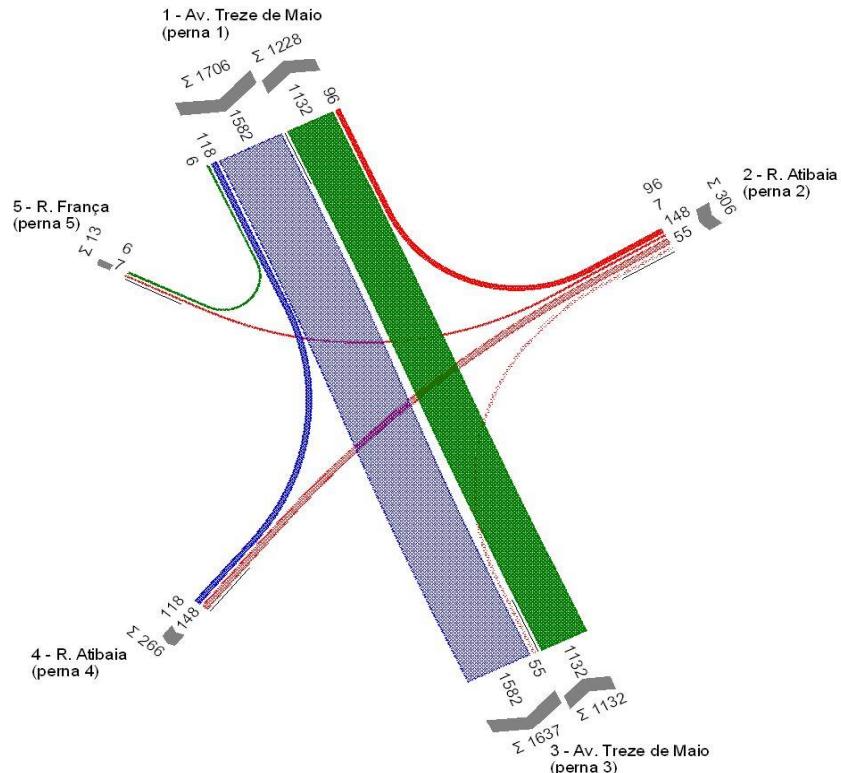
100  
 500  
 1000



Contagem De 30/10/2018 as 03h00 até 31/10/2018 as 03h00  
 Valor horário máximo 13:00 - 14:00  
 On the basis of a time period 30.10.2018 13:00 - 30.10.2018 14:00  
 3144 PCU

De \ Para	1	2	3	4	5
1			1582	118	6
2	96		55	148	7
3	1132				
4					
5					

100  
 500  
 1000

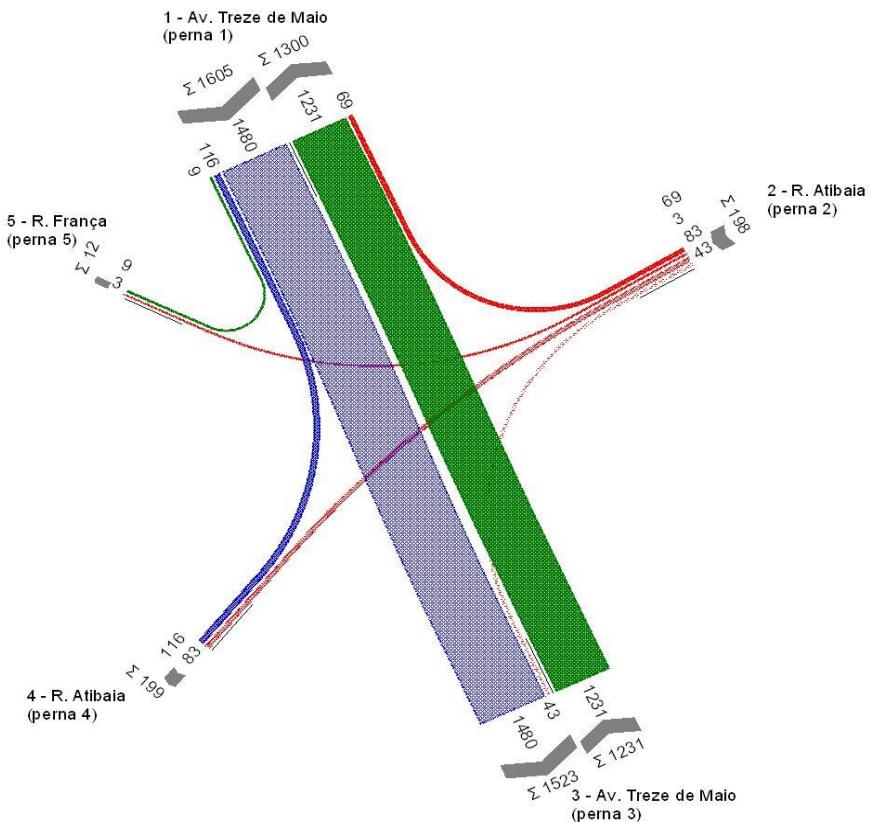


**Diagrama de Fluxos 331 - Av. Treze de Maio x R. Atibaia**

Contagem De 30/10/2018 as 03h00 até 31/10/2018 as 03h00  
 Valor horário máximo 14:00 - 15:00  
 On the basis of a time period 30.10.2018 14:00 - 30.10.2018 15:00  
 3034 PCU

De \ Para	1	2	3	4	5
1			1480	116	9
2	69		43	83	3
3	1231				
4					
5					

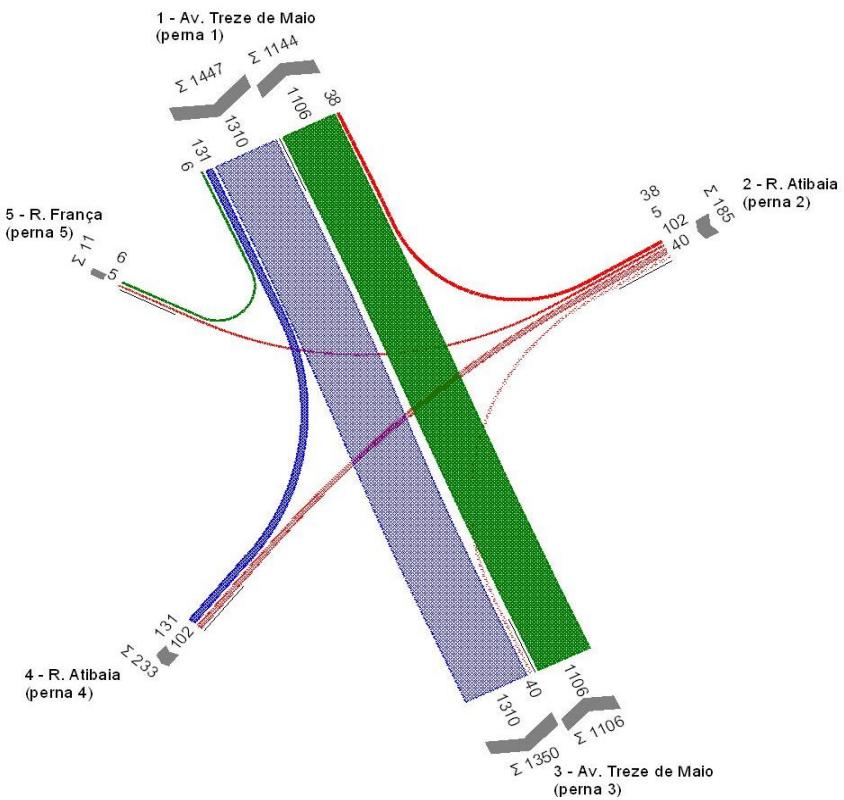
■ 100  
 □ 500  
 ▨ 1000



Contagem De 30/10/2018 as 03h00 até 31/10/2018 as 03h00  
 Valor horário máximo 15:00 - 16:00  
 On the basis of a time period 30.10.2018 15:00 - 30.10.2018 16:00  
 2738 PCU

De \ Para	1	2	3	4	5
1			1310	131	6
2	38		40	102	5
3	1106				
4					
5					

■ 100  
 □ 500  
 ▨ 1000

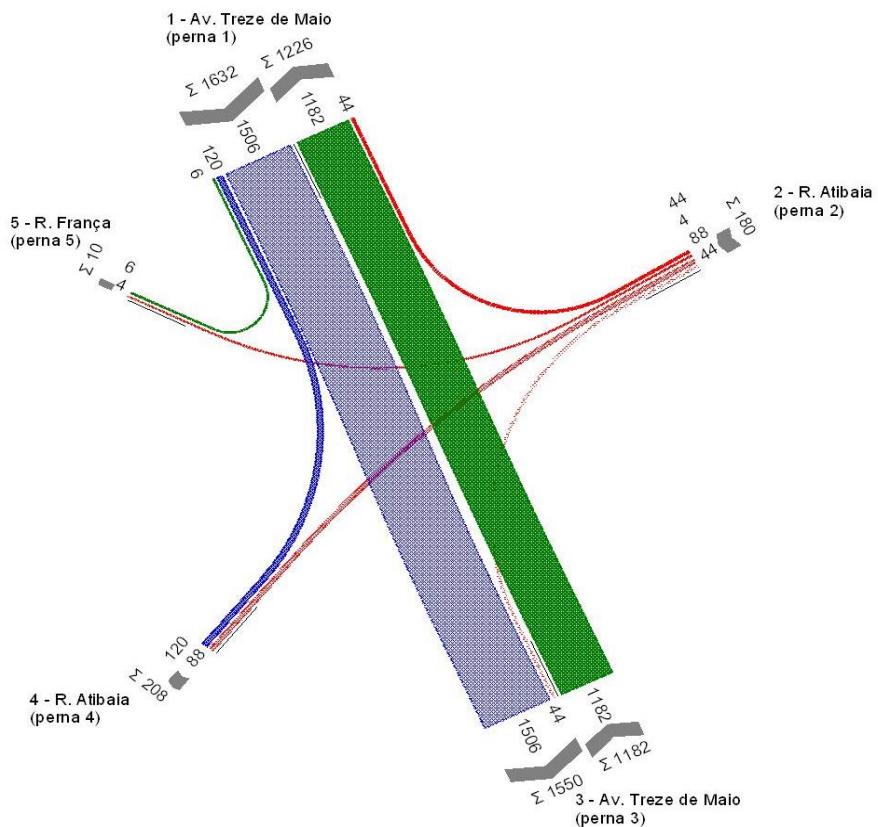


**Diagrama de Fluxos 331 - Av. Treze de Maio x R. Atibaia**

Contagem De 30/10/2018 as 03h00 até 31/10/2018 as 03h00  
 Valor horário máximo 16:00 - 17:00  
 On the basis of a time period 30.10.2018 16:00 - 30.10.2018 17:00  
 2994 PCU

De \ Para	1	2	3	4	5
1			1506	120	6
2	44		44	88	4
3	1182				
4					
5					

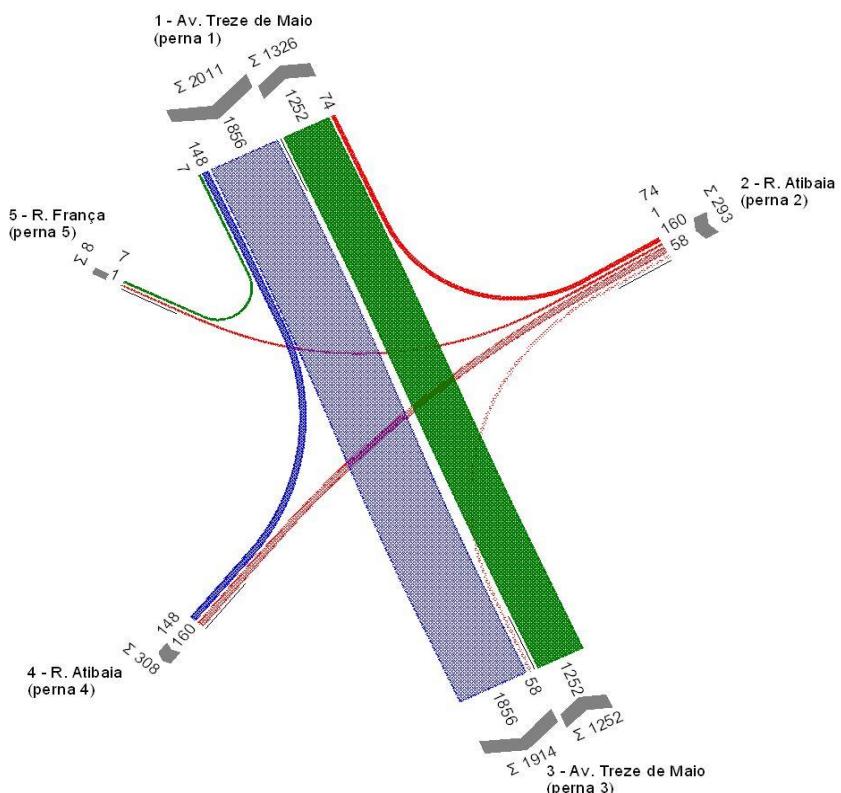
■ 100  
 □ 500  
 ▨ 1000



Contagem De 30/10/2018 as 03h00 até 31/10/2018 as 03h00  
 Valor horário máximo 17:00 - 18:00  
 On the basis of a time period 30.10.2018 17:00 - 30.10.2018 18:00  
 3556 PCU

De \ Para	1	2	3	4	5
1			1856	148	7
2	74		58	160	1
3	1252				
4					
5					

■ 100  
 □ 500  
 ▨ 1000

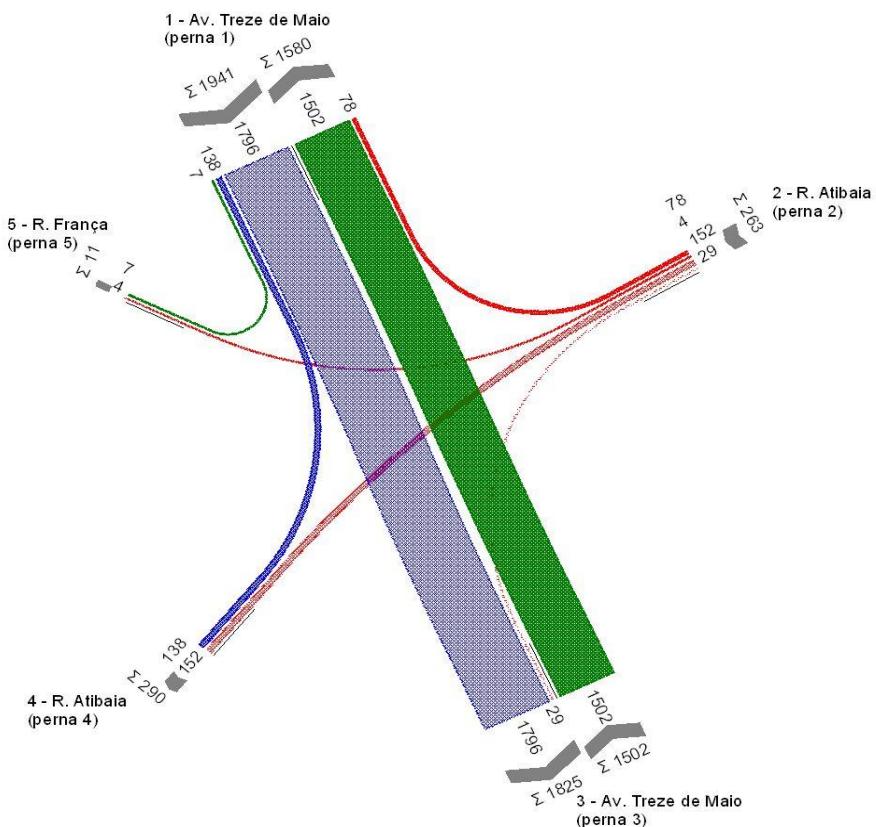


**Diagrama de Fluxos 331 - Av. Treze de Maio x R. Atibaia**

Contagem De 30/10/2018 as 03h00 até 31/10/2018 as 03h00  
 Valor horário máximo 18:00 - 19:00  
 On the basis of a time period 30.10.2018 18:00 - 30.10.2018 19:00  
 3706 PCU

De \ Para	1	2	3	4	5
1			1796	138	7
2	78		29	152	4
3	1502				
4					
5					

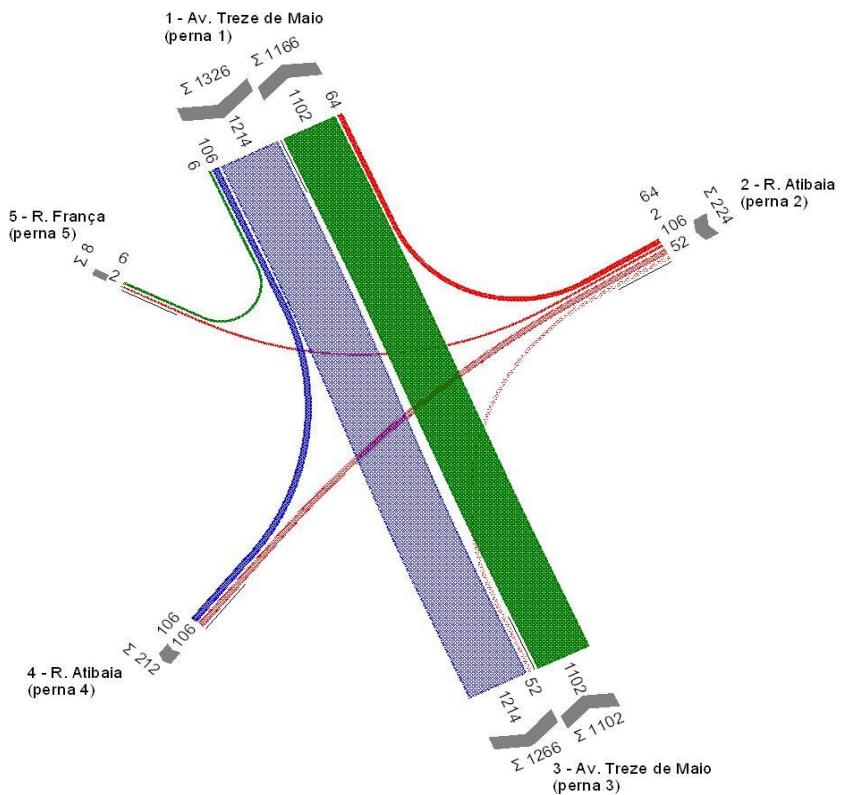
■ 100  
 □ 500  
 ▨ 1000



Contagem De 30/10/2018 as 03h00 até 31/10/2018 as 03h00  
 Valor horário máximo 19:00 - 20:00  
 On the basis of a time period 30.10.2018 19:00 - 30.10.2018 20:00  
 2652 PCU

De \ Para	1	2	3	4	5
1			1214	106	6
2	64		52	106	2
3	1102				
4					
5					

■ 100  
 □ 500  
 ▨ 1000

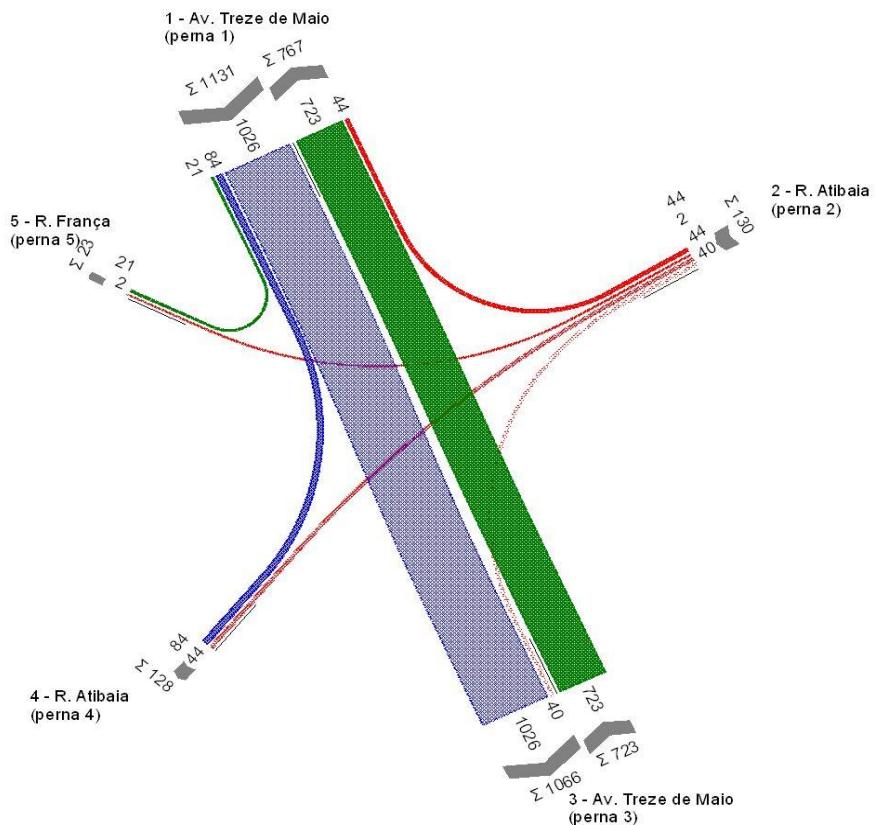


**Diagrama de Fluxos 331 - Av. Treze de Maio x R. Atibaia**

Contagem De 30/10/2018 as 03h00 até 31/10/2018 as 03h00  
 Valor horário máximo 20:00 - 21:00  
 On the basis of a time period 30.10.2018 20:00 - 30.10.2018 21:00  
 1984 PCU

De \ Para	1	2	3	4	5
1			1026	84	21
2	44		40	44	2
3	723				
4					
5					

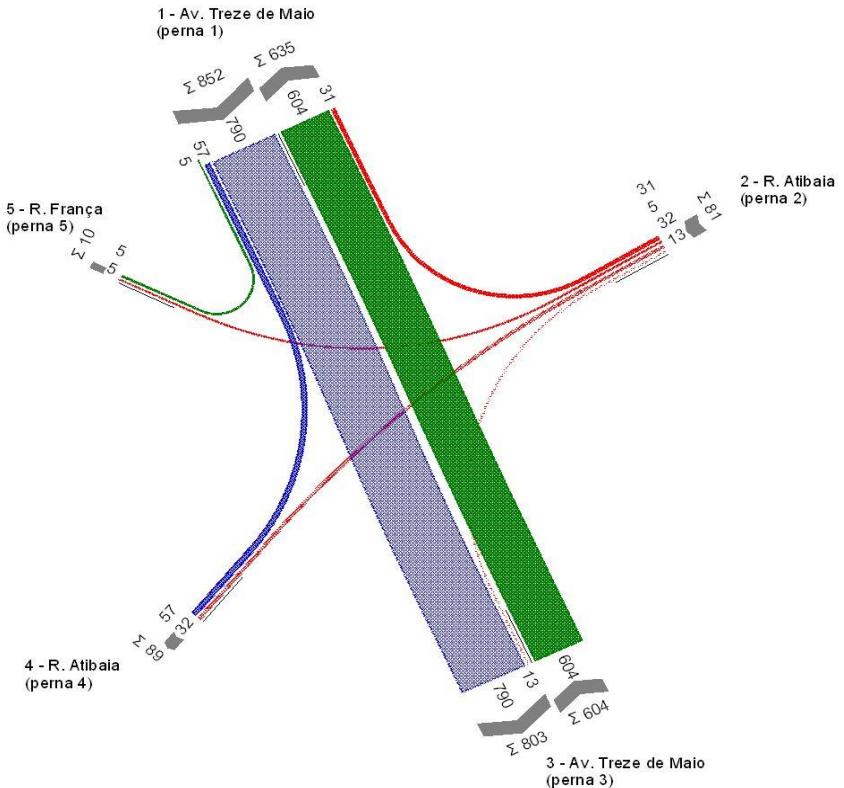
■ 100  
 ■ 500  
 ■ 1000



Contagem De 30/10/2018 as 03h00 até 31/10/2018 as 03h00  
 Valor horário máximo 21:00 - 22:00  
 On the basis of a time period 30.10.2018 21:00 - 30.10.2018 22:00  
 1537 PCU

De \ Para	1	2	3	4	5
1		790	57	5	
2	31		13	32	5
3	604				
4					
5					

■ 20  
 ■ 100  
 ■ 700

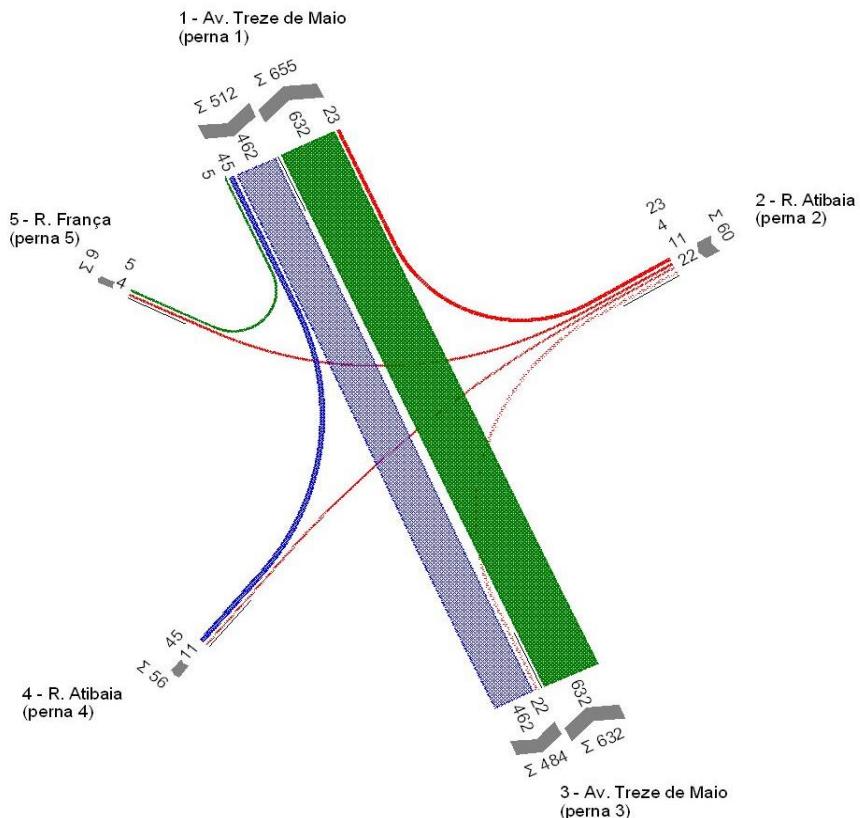


**Diagrama de Fluxos 331 - Av. Treze de Maio x R. Atibaia**

Contagem De 30/10/2018 as 03h00 até 31/10/2018 as 03h00  
 Valor horário máximo 22:00 - 23:00  
 On the basis of a time period 30.10.2018 22:00 - 30.10.2018 23:00  
 1204 PCU

De \ Para	1	2	3	4	5
1			462	45	5
2	23		22	11	4
3	632				
4					
5					

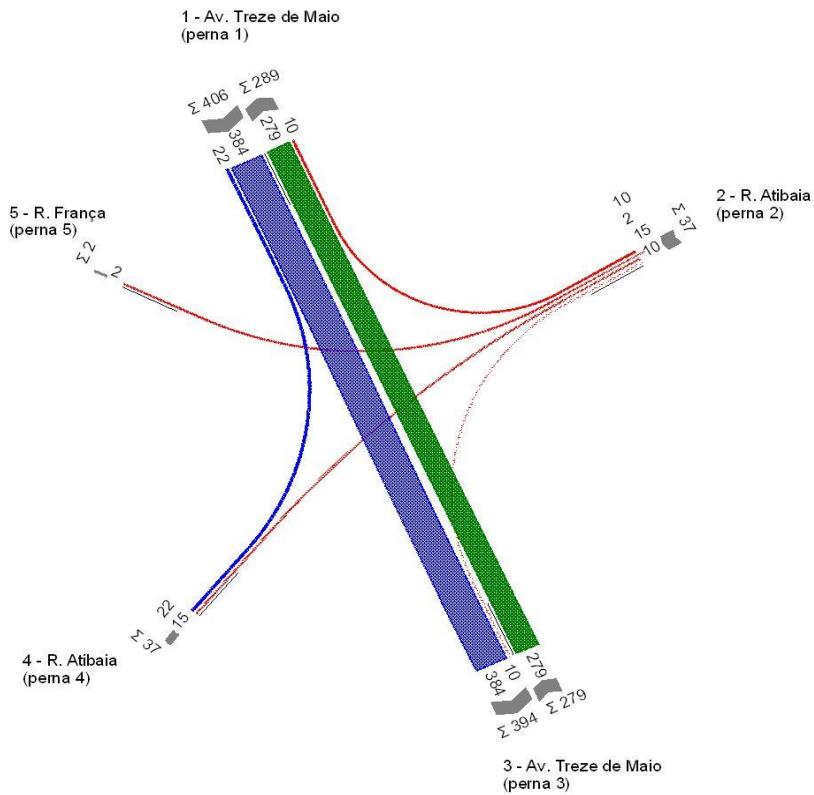
20  
100  
600



Contagem De 30/10/2018 as 03h00 até 31/10/2018 as 03h00  
 Valor horário máximo 23:00 - 00:00  
 On the basis of a time period 30.10.2018 23:00 - 31.10.2018 00:00  
 722 PCU

De \ Para	1	2	3	4	5
1		384	22		
2	10		10	15	2
3	279				
4					
5					

20  
100  
300



**PCU****331 - Av. Treze de Maio x R. Atibaia**

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. Treze de Maio em frente****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	187	31	1	4	0	213	223
1:00	2:00	115	4	0	0	0	117	119
2:00	3:00	52	7	0	0	0	56	59
3:00	4:00	32	6	0	0	0	35	38
4:00	5:00	32	7	1	0	0	38	40
5:00	6:00	137	62	7	9	0	204	215
6:00	7:00	496	190	12	19	0	659	717
7:00	8:00	1148	343	14	19	0	1393	1524
8:00	9:00	1079	285	34	17	0	1341	1415
9:00	10:00	1004	258	25	14	0	1224	1301
10:00	11:00	1039	175	14	14	0	1190	1242
11:00	12:00	1149	265	29	21	0	1396	1464

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	1424	235	24	11	0	1624	1694
13:00	14:00	1375	240	21	17	0	1582	1653
14:00	15:00	1236	260	31	18	0	1480	1545
15:00	16:00	1090	200	40	10	0	1310	1340
16:00	17:00	1299	205	25	21	0	1506	1550
17:00	18:00	1613	254	24	28	0	1856	1919
18:00	19:00	1567	320	11	21	0	1797	1919
19:00	20:00	1067	185	8	17	0	1214	1277
20:00	21:00	913	170	5	8	0	1027	1096
21:00	22:00	675	177	4	8	0	790	864
22:00	23:00	414	73	3	2	0	462	492
23:00	0:00	313	73	1	16	0	384	403

**Movimento Contado****1 > 3 Av. Treze de Maio 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	55	11	0	3	0	67	69	12:00	12:15	358	60	5	5	0	411	428
0:15	0:30	49	7	0	1	0	55	57	12:15	12:30	362	61	5	0	0	405	428
0:30	0:45	41	7	0	0	0	45	48	12:30	12:45	353	59	7	4	0	408	423
0:45	1:00	42	6	1	0	0	48	49	12:45	13:00	351	55	7	2	0	400	415
1:00	1:15	36	1	0	0	0	37	37	13:00	13:15	352	58	5	3	0	400	418
1:15	1:30	33	1	0	0	0	34	34	13:15	13:30	341	61	8	4	0	400	414
1:30	1:45	25	1	0	0	0	26	26	13:30	13:45	339	59	5	7	0	395	410
1:45	2:00	21	1	0	0	0	22	22	13:45	14:00	343	62	3	3	0	388	411
2:00	2:15	15	1	0	0	0	16	16	14:00	14:15	317	70	10	5	0	387	402
2:15	2:30	13	2	0	0	0	14	15	14:15	14:30	311	68	9	3	0	374	391
2:30	2:45	15	2	0	0	0	16	17	14:30	14:45	309	62	7	5	0	368	383
2:45	3:00	9	2	0	0	0	10	11	14:45	15:00	299	60	5	5	0	352	369
3:00	3:15	3	1	0	0	0	4	4	15:00	15:15	263	51	10	4	0	322	328
3:15	3:30	7	1	0	0	0	8	8	15:15	15:30	270	48	9	3	0	323	330
3:30	3:45	8	2	0	0	0	9	10	15:30	15:45	277	50	10	2	0	331	339
3:45	4:00	14	2	0	0	0	15	16	15:45	16:00	280	51	11	1	0	335	343
4:00	4:15	8	2	0	0	0	9	10	16:00	16:15	314	55	8	5	0	372	382
4:15	4:30	5	0	0	0	0	5	5	16:15	16:30	322	53	7	5	0	376	387
4:30	4:45	9	1	0	0	0	10	10	16:30	16:45	334	46	5	6	0	382	391
4:45	5:00	10	4	1	0	0	15	15	16:45	17:00	329	51	5	5	0	377	390
5:00	5:15	8	6	1	1	0	16	16	17:00	17:15	367	55	6	6	0	422	434
5:15	5:30	25	6	1	1	0	33	33	17:15	17:30	407	63	6	5	0	464	481
5:30	5:45	48	15	2	4	0	69	69	17:30	17:45	416	65	7	8	0	482	496
5:45	6:00	56	35	3	3	0	87	97	17:45	18:00	423	71	5	9	0	489	508
6:00	6:15	58	18	4	2	0	81	82	18:00	18:15	420	94	2	5	0	482	521
6:15	6:30	68	29	2	3	0	94	102	18:15	18:30	398	87	2	3	0	453	490
6:30	6:45	148	71	5	6	0	208	230	18:30	18:45	369	71	4	6	0	427	450
6:45	7:00	222	72	1	8	0	277	303	18:45	19:00	380	68	3	7	0	436	458
7:00	7:15	335	72	0	5	0	381	412	19:00	19:15	296	53	3	5	0	340	357
7:15	7:30	241	49	4	3	0	282	297	19:15	19:30	277	52	2	3	0	314	334
7:30	7:45	261	62	7	6	0	322	336	19:30	19:45	246	42	1	5	0	280	294
7:45	8:00	311	160	3	5	0	409	479	19:45	20:00	248	38	2	4	0	280	292
8:00	8:15	300	99	8	6	0	382	413	20:00	20:15	247	40	0	2	0	271	289
8:15	8:30	270	64	8	3	0	328	345	20:15	20:30	230	41	2	3	0	262	276
8:30	8:45	234	54	7	5	0	289	300	20:30	20:45	227	47	1	2	0	257	277
8:45	9:00	275	68	11	3	0	343	357	20:45	21:00	209	42	2	1	0	237	254
9:00	9:15	257	70	8	3	0	318	338	21:00	21:15	188	45	2	3	0	222	238
9:15	9:30	259	68	5	2	0	310	334	21:15	21:30	177	51	1	1	0	207	230
9:30	9:45	242	61	7	5	0	300	315	21:30	21:45	167	48	0	3	0	197	218
9:45	10:00	246	59	5	4	0	296	314	21:45	22:00	143	33	1	1	0	164	178
10:00	10:15	235	51	3	3	0	274	292	22:00	22:15	87	14	0	1	0	96	102
10:15	10:30	262	41	3	4	0	298	310	22:15	22:30	97	19	1	0	0	109	117
10:30	10:45	269	39	4	4	0	307	316	22:30	22:45	109	21	0	1	0	122	131
10:45	11:00	273	44	4	3	0	311	324	22:45	23:00	121	19	2	0	0	136	142
11:00	11:15	268	50	9	5	0	326	332	23:00	23:15	111	24	0	7	0	137	142
11:15	11:30	288	62	7	5	0	347	362	23:15	23:30	95	22	1	3	0	115	121
11:30	11:45	295	67	6	6	0	356	374	23:30	23:45	54	13	0	4	0	69	71
11:45	12:00	298	86	7	5	0	369	396	23:45	0:00	53	14	0	2	0	64	69

**Movimento Contado****1 > 4      Av. Treze de Maio conv à dir. R. Atibaia****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	1	1	0	0	0	2	2
1:00	2:00	8	0	0	0	0	8	8
2:00	3:00	3	1	0	0	0	4	4
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	3	0	0	0	4	5
6:00	7:00	22	2	2	0	0	28	26
7:00	8:00	95	15	3	0	0	110	113
8:00	9:00	86	28	1	0	0	103	115
9:00	10:00	94	21	2	0	0	110	117
10:00	11:00	107	19	3	0	0	124	129
11:00	12:00	130	24	1	0	0	145	155

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	136	28	3	0	0	158	167
13:00	14:00	108	21	0	0	0	119	129
14:00	15:00	100	18	3	0	0	117	121
15:00	16:00	122	13	1	0	0	131	136
16:00	17:00	107	15	2	0	0	120	124
17:00	18:00	134	22	1	0	0	148	157
18:00	19:00	126	14	1	1	0	138	142
19:00	20:00	95	10	1	2	0	107	108
20:00	21:00	81	6	0	0	0	84	87
21:00	22:00	47	11	1	1	0	57	60
22:00	23:00	42	6	0	0	0	45	48
23:00	0:00	21	2	0	0	0	22	23

**Movimento Contado****1 > 4 Av. Treze de Maio conv à dir. R. Atibaia****Fluxo veicular a cada 15 minutos**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	0:15	0	1	0	0	0	1	1
0:15	0:30	0	0	0	0	0	0	0
0:30	0:45	1	0	0	0	0	1	1
0:45	1:00	0	0	0	0	0	0	0
1:00	1:15	1	0	0	0	0	1	1
1:15	1:30	3	0	0	0	0	3	3
1:30	1:45	3	0	0	0	0	3	3
1:45	2:00	1	0	0	0	0	1	1
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	2	1	0	0	0	3	3
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	2	1	0	0	0	3	3
6:00	6:15	4	0	0	0	0	4	4
6:15	6:30	5	0	1	0	0	8	6
6:30	6:45	5	1	1	0	0	8	7
6:45	7:00	8	1	0	0	0	9	9
7:00	7:15	18	3	0	0	0	20	21
7:15	7:30	24	2	1	0	0	28	27
7:30	7:45	18	4	2	0	0	25	24
7:45	8:00	35	6	0	0	0	38	41
8:00	8:15	24	10	0	0	0	29	34
8:15	8:30	23	9	1	0	0	30	33
8:30	8:45	18	5	0	0	0	21	23
8:45	9:00	21	4	0	0	0	23	25
9:00	9:15	19	8	0	0	0	23	27
9:15	9:30	24	1	2	0	0	30	27
9:30	9:45	24	9	0	0	0	29	33
9:45	10:00	27	3	0	0	0	29	30
10:00	10:15	39	5	1	0	0	44	45
10:15	10:30	20	2	1	0	0	24	23
10:30	10:45	19	5	0	0	0	22	24
10:45	11:00	29	7	1	0	0	35	37
11:00	11:15	21	5	0	0	0	24	26
11:15	11:30	39	8	0	0	0	43	47
11:30	11:45	30	3	0	0	0	32	33
11:45	12:00	40	8	1	0	0	47	49

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	12:15	35	6	0	0	0	38	41
12:15	12:30	34	12	0	0	0	40	46
12:30	12:45	39	5	2	0	0	47	46
12:45	13:00	28	5	1	0	0	33	34
13:00	13:15	25	4	0	0	0	27	29
13:15	13:30	32	6	0	0	0	35	38
13:30	13:45	17	4	0	0	0	19	21
13:45	14:00	34	7	0	0	0	38	41
14:00	14:15	29	9	1	0	0	36	39
14:15	14:30	26	3	0	0	0	28	29
14:30	14:45	23	3	1	0	0	27	27
14:45	15:00	22	3	1	0	0	26	26
15:00	15:15	25	3	1	0	0	29	29
15:15	15:30	37	2	0	0	0	38	39
15:30	15:45	28	3	0	0	0	30	31
15:45	16:00	32	5	0	0	0	35	37
16:00	16:15	29	5	0	0	0	32	34
16:15	16:30	28	2	0	0	0	29	30
16:30	16:45	25	3	0	0	0	27	28
16:45	17:00	25	5	2	0	0	33	32
17:00	17:15	27	8	0	0	0	31	35
17:15	17:30	29	4	1	0	0	34	34
17:30	17:45	36	4	0	0	0	38	40
17:45	18:00	42	6	0	0	0	45	48
18:00	18:15	37	8	0	1	0	43	46
18:15	18:30	30	3	0	0	0	32	33
18:30	18:45	26	2	0	0	0	27	28
18:45	19:00	33	1	1	0	0	36	35
19:00	19:15	25	2	0	2	0	30	29
19:15	19:30	27	2	0	0	0	28	29
19:30	19:45	24	1	1	0	0	27	26
19:45	20:00	19	5	0	0	0	22	24
20:00	20:15	18	3	0	0	0	20	21
20:15	20:30	22	1	0	0	0	23	23
20:30	20:45	21	2	0	0	0	22	23
20:45	21:00	20	0	0	0	0	20	20
21:00	21:15	14	1	0	0	0	15	15
21:15	21:30	16	6	1	0	0	22	23
21:30	21:45	6	0	0	1	0	8	7
21:45	22:00	11	4	0	0	0	13	15
22:00	22:15	11	5	0	0	0	14	16
22:15	22:30	11	1	0	0	0	12	12
22:30	22:45	9	0	0	0	0	9	9
22:45	23:00	11	0	0	0	0	11	11
23:00	23:15	8	1	0	0	0	9	9
23:15	23:30	6	0	0	0	0	6	6
23:30	23:45	4	1	0	0	0	5	5
23:45	0:00	3	0	0	0	0	3	3

**Movimento Contado****1 > 5      Av. Treze de Maio conv à dir. R. França****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	1	0	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	0	1	0	0	0	1	1
7:00	8:00	2	0	1	0	0	5	3
8:00	9:00	4	0	0	0	0	4	4
9:00	10:00	3	0	0	0	0	3	3
10:00	11:00	5	0	0	0	0	5	5
11:00	12:00	9	1	0	0	0	10	10

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

**Movimento Contado****1 > 5 Av. Treze de Maio conv à dir. R. França****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	0	0	0	0	0	0	
0:30	0:45	0	0	0	0	0	0	1
0:45	1:00	0	0	0	0	0	0	0
1:00	1:15	0	0	0	0	0	0	
1:15	1:30	0	0	0	0	0	0	
1:30	1:45	1	0	0	0	0	1	1
1:45	2:00	0	0	0	0	0	0	0
2:00	2:15	0	0	0	0	0	0	
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	0	0	0	0	0	0	
3:15	3:30	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	
4:15	4:30	0	0	0	0	0	0	
4:30	4:45	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	
5:15	5:30	0	0	0	0	0	0	
5:30	5:45	0	0	0	0	0	0	0
5:45	6:00	0	0	0	0	0	0	0
6:00	6:15	0	0	0	0	0	0	
6:15	6:30	0	0	0	0	0	0	
6:30	6:45	0	1	0	0	0	1	1
6:45	7:00	0	0	0	0	0	0	0
7:00	7:15	0	0	0	0	0	0	
7:15	7:30	1	0	1	0	0	4	
7:30	7:45	0	0	0	0	0	0	
7:45	8:00	1	0	0	0	0	1	1
8:00	8:15	1	0	0	0	0	1	
8:15	8:30	2	0	0	0	0	2	
8:30	8:45	0	0	0	0	0	0	
8:45	9:00	1	0	0	0	0	1	
9:00	9:15	0	0	0	0	0	0	
9:15	9:30	1	0	0	0	0	1	
9:30	9:45	0	0	0	0	0	0	
9:45	10:00	2	0	0	0	0	2	
10:00	10:15	4	0	0	0	0	4	
10:15	10:30	1	0	0	0	0	1	
10:30	10:45	0	0	0	0	0	0	
10:45	11:00	0	0	0	0	0	0	
11:00	11:15	1	0	0	0	0	1	
11:15	11:30	1	0	0	0	0	1	
11:30	11:45	5	1	0	0	0	6	
11:45	12:00	2	0	0	0	0	2	

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

**Movimento Contado****2 > 1      R. Atibaia conv à dir. Av. Treze De Maio****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	6	3	0	0	0	8	9
1:00	2:00	7	0	0	0	0	7	7
2:00	3:00	4	0	0	0	0	4	4
3:00	4:00	0	1	0	0	0	1	1
4:00	5:00	1	1	0	0	0	2	2
5:00	6:00	8	0	0	0	0	8	8
6:00	7:00	63	3	1	0	0	67	67
7:00	8:00	118	8	0	0	0	122	126
8:00	9:00	86	8	3	0	0	98	97
9:00	10:00	70	3	2	0	0	77	75
10:00	11:00	61	4	0	0	0	63	65
11:00	12:00	68	5	0	0	0	71	73

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	55	3	0	0	0	57	58
13:00	14:00	90	12	0	0	0	96	102
14:00	15:00	66	6	0	0	0	69	72
15:00	16:00	36	4	0	0	0	38	40
16:00	17:00	42	5	0	0	0	45	47
17:00	18:00	70	9	0	0	0	75	79
18:00	19:00	73	10	0	0	0	78	83
19:00	20:00	60	9	0	0	0	65	69
20:00	21:00	40	4	1	0	0	45	45
21:00	22:00	28	6	0	0	0	31	34
22:00	23:00	22	2	0	0	0	23	24
23:00	0:00	8	5	0	0	0	11	13

**Movimento Contado****2 > 1****R. Atibaia conv à dir. Av. Treze De Maio****Fluxo veicular a cada 15 minutos**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	0:15	2	0	0	0	0	2	2
0:15	0:30	3	2	0	0	0	4	5
0:30	0:45	1	1	0	0	0	2	2
0:45	1:00	0	0	0	0	0	0	0
1:00	1:15	0	0	0	0	0	0	0
1:15	1:30	3	0	0	0	0	3	3
1:30	1:45	3	0	0	0	0	3	3
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	2	0	0	0	0	2	2
2:30	2:45	1	0	0	0	0	1	1
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	1	0	0	0	1	1
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	1	0	0	0	1	1
4:30	4:45	0	0	0	0	0	0	0
4:45	5:00	1	0	0	0	0	1	1
5:00	5:15	0	0	0	0	0	0	0
5:15	5:30	1	0	0	0	0	1	1
5:30	5:45	3	0	0	0	0	3	3
5:45	6:00	4	0	0	0	0	4	4
6:00	6:15	6	0	0	0	0	6	6
6:15	6:30	9	0	0	0	0	9	9
6:30	6:45	21	0	0	0	0	21	21
6:45	7:00	27	3	1	0	0	31	31
7:00	7:15	29	2	0	0	0	30	31
7:15	7:30	31	0	0	0	0	31	31
7:30	7:45	38	3	0	0	0	40	41
7:45	8:00	20	3	0	0	0	22	23
8:00	8:15	26	1	1	0	0	29	28
8:15	8:30	24	2	0	0	0	25	26
8:30	8:45	21	1	1	0	0	24	23
8:45	9:00	15	4	1	0	0	20	20
9:00	9:15	10	1	0	0	0	11	11
9:15	9:30	25	0	0	0	0	25	25
9:30	9:45	22	0	1	0	0	25	23
9:45	10:00	13	2	1	0	0	17	16
10:00	10:15	21	1	0	0	0	22	22
10:15	10:30	16	2	0	0	0	17	18
10:30	10:45	9	0	0	0	0	9	9
10:45	11:00	15	1	0	0	0	16	16
11:00	11:15	14	0	0	0	0	14	14
11:15	11:30	9	0	0	0	0	9	9
11:30	11:45	21	4	0	0	0	23	25
11:45	12:00	24	1	0	0	0	25	25

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

**Movimento Contado****2 > 3 R. Atibaia conv à esq. Av. Treze De Maio****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	4	1	0	0	0	5	5
6:00	7:00	23	4	0	0	0	25	27
7:00	8:00	35	12	0	0	0	41	47
8:00	9:00	50	8	0	0	0	54	58
9:00	10:00	51	8	1	0	0	58	60
10:00	11:00	48	5	3	0	0	58	56
11:00	12:00	41	7	0	0	0	45	48

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	36	7	2	0	0	45	45
13:00	14:00	50	10	0	0	0	55	60
14:00	15:00	35	11	1	0	0	43	47
15:00	16:00	36	4	1	0	0	41	41
16:00	17:00	38	7	1	0	0	44	46
17:00	18:00	50	17	0	0	0	59	67
18:00	19:00	27	4	0	0	0	29	31
19:00	20:00	51	3	0	0	0	53	54
20:00	21:00	38	3	0	0	0	40	41
21:00	22:00	10	2	0	1	0	13	13
22:00	23:00	20	5	0	0	0	23	25
23:00	0:00	8	0	1	0	0	11	9

**Movimento Contado****2 > 3****R. Atibaia conv à esq. Av. Treze De Maio****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	10	4	0	0	0	12	14
0:15	0:30	0	0	0	0	0	0	0	12:15	12:30	11	1	0	0	0	12	12
0:30	0:45	0	0	0	0	0	0	0	12:30	12:45	8	0	0	0	0	8	8
0:45	1:00	0	0	0	0	0	0	0	12:45	13:00	7	2	2	0	0	13	11
1:00	1:15	0	0	0	0	0	0	0	13:00	13:15	15	4	0	0	0	17	19
1:15	1:30	0	0	0	0	0	0	0	13:15	13:30	13	2	0	0	0	14	15
1:30	1:45	0	0	0	0	0	0	0	13:30	13:45	16	2	0	0	0	17	18
1:45	2:00	0	0	0	0	0	0	0	13:45	14:00	6	2	0	0	0	7	8
2:00	2:15	0	0	0	0	0	0	0	14:00	14:15	10	3	0	0	0	12	13
2:15	2:30	0	0	0	0	0	0	0	14:15	14:30	9	1	0	0	0	10	10
2:30	2:45	0	0	0	0	0	0	0	14:30	14:45	8	3	0	0	0	10	11
2:45	3:00	1	0	0	0	0	1	1	14:45	15:00	8	4	1	0	0	13	13
3:00	3:15	0	0	0	0	0	0	0	15:00	15:15	5	1	0	0	0	6	6
3:15	3:30	0	0	0	0	0	0	0	15:15	15:30	7	1	1	0	0	10	9
3:30	3:45	0	0	0	0	0	0	0	15:30	15:45	9	2	0	0	0	10	11
3:45	4:00	0	0	0	0	0	0	0	15:45	16:00	15	0	0	0	0	15	15
4:00	4:15	0	0	0	0	0	0	0	16:00	16:15	11	2	1	0	0	15	14
4:15	4:30	0	0	0	0	0	0	0	16:15	16:30	7	2	0	0	0	8	9
4:30	4:45	0	0	0	0	0	0	0	16:30	16:45	9	1	0	0	0	10	10
4:45	5:00	0	0	0	0	0	0	0	16:45	17:00	11	2	0	0	0	12	13
5:00	5:15	1	0	0	0	0	1	1	17:00	17:15	10	1	0	0	0	11	11
5:15	5:30	0	0	0	0	0	0	0	17:15	17:30	18	5	0	0	0	21	23
5:30	5:45	2	0	0	0	0	2	2	17:30	17:45	8	5	0	0	0	11	13
5:45	6:00	1	1	0	0	0	2	2	17:45	18:00	14	6	0	0	0	17	20
6:00	6:15	3	1	0	0	0	4	4	18:00	18:15	8	1	0	0	0	9	9
6:15	6:30	2	1	0	0	0	3	3	18:15	18:30	6	3	0	0	0	8	9
6:30	6:45	7	1	0	0	0	8	8	18:30	18:45	5	0	0	0	0	5	5
6:45	7:00	11	1	0	0	0	12	12	18:45	19:00	8	0	0	0	0	8	8
7:00	7:15	10	2	0	0	0	11	12	19:00	19:15	10	0	0	0	0	10	10
7:15	7:30	9	1	0	0	0	10	10	19:15	19:30	12	1	0	0	0	13	13
7:30	7:45	6	3	0	0	0	8	9	19:30	19:45	14	1	0	0	0	15	15
7:45	8:00	10	6	0	0	0	13	16	19:45	20:00	15	1	0	0	0	16	16
8:00	8:15	13	3	0	0	0	15	16	20:00	20:15	10	2	0	0	0	11	12
8:15	8:30	13	1	0	0	0	14	14	20:15	20:30	12	0	0	0	0	12	12
8:30	8:45	9	2	0	0	0	10	11	20:30	20:45	8	0	0	0	0	8	8
8:45	9:00	15	2	0	0	0	16	17	20:45	21:00	8	1	0	0	0	9	9
9:00	9:15	15	2	0	0	0	16	17	21:00	21:15	7	1	0	0	0	8	8
9:15	9:30	12	3	0	0	0	14	15	21:15	21:30	1	0	0	1	0	3	2
9:30	9:45	15	1	0	0	0	16	16	21:30	21:45	1	0	0	0	0	1	1
9:45	10:00	9	2	1	0	0	13	12	21:45	22:00	1	1	0	0	0	2	2
10:00	10:15	18	1	0	0	0	19	19	22:00	22:15	8	1	0	0	0	9	9
10:15	10:30	10	1	0	0	0	11	11	22:15	22:30	3	2	0	0	0	4	5
10:30	10:45	10	1	1	0	0	13	12	22:30	22:45	5	1	0	0	0	6	6
10:45	11:00	10	2	2	0	0	16	14	22:45	23:00	4	1	0	0	0	5	5
11:00	11:15	12	1	0	0	0	13	13	23:00	23:15	3	0	0	0	0	3	3
11:15	11:30	11	2	0	0	0	12	13	23:15	23:30	2	0	0	0	0	2	2
11:30	11:45	8	1	0	0	0	9	9	23:30	23:45	1	0	0	0	0	1	1
11:45	12:00	10	3	0	0	0	12	13	23:45	0:00	2	0	1	0	0	5	3

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

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	3	3	0	0	0	5	6
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	0	0	0	0	0	0	0
4:00	5:00	2	0	1	0	0	5	3
5:00	6:00	4	0	0	0	0	4	4
6:00	7:00	124	8	0	2	0	132	134
7:00	8:00	192	32	4	0	0	218	228
8:00	9:00	181	26	3	0	0	202	210
9:00	10:00	118	19	1	0	0	130	138
10:00	11:00	81	11	2	0	0	92	94
11:00	12:00	108	25	0	0	0	121	133

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	129	31	2	0	0	150	162
13:00	14:00	133	30	0	0	0	148	163
14:00	15:00	82	2	0	0	0	83	84
15:00	16:00	99	6	0	0	0	102	105
16:00	17:00	80	17	0	0	0	89	97
17:00	18:00	149	21	0	0	0	160	170
18:00	19:00	141	21	0	0	0	152	162
19:00	20:00	99	14	0	0	0	106	113
20:00	21:00	42	3	0	0	0	44	45
21:00	22:00	30	4	0	0	0	32	34
22:00	23:00	10	2	0	0	0	11	12
23:00	0:00	13	4	0	0	0	15	17

**Movimento Contado****2 > 4****R. Atibaia em frente****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	1	0	0	0	0	1	1
0:30	0:45	1	1	0	0	0	2	2
0:45	1:00	1	2	0	0	0	2	3
1:00	1:15	3	0	0	0	0	3	3
1:15	1:30	0	0	0	0	0	0	0
1:30	1:45	2	0	0	0	0	2	2
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	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	1	0	0	0	0	1	1
4:15	4:30	1	0	0	0	0	1	1
4:30	4:45	0	0	1	0	0	3	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	1	0	0	0	0	1	1
5:30	5:45	1	0	0	0	0	1	1
5:45	6:00	2	0	0	0	0	2	2
6:00	6:15	7	1	0	0	0	8	8
6:15	6:30	16	2	0	0	0	17	18
6:30	6:45	30	2	0	2	0	35	34
6:45	7:00	71	3	0	0	0	73	74
7:00	7:15	64	6	0	0	0	67	70
7:15	7:30	37	6	1	0	0	43	44
7:30	7:45	22	6	1	0	0	28	29
7:45	8:00	69	14	2	0	0	81	85
8:00	8:15	58	8	1	0	0	65	67
8:15	8:30	46	3	0	0	0	48	49
8:30	8:45	33	8	0	0	0	37	41
8:45	9:00	44	7	2	0	0	53	53
9:00	9:15	41	4	1	0	0	46	46
9:15	9:30	33	4	0	0	0	35	37
9:30	9:45	23	6	0	0	0	26	29
9:45	10:00	21	5	0	0	0	24	26
10:00	10:15	20	3	0	0	0	22	23
10:15	10:30	18	4	1	0	0	23	23
10:30	10:45	19	3	0	0	0	21	22
10:45	11:00	24	1	1	0	0	27	26
11:00	11:15	30	7	0	0	0	34	37
11:15	11:30	27	5	0	0	0	30	32
11:30	11:45	24	6	0	0	0	27	30
11:45	12:00	27	7	0	0	0	31	34

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	12:15	36	6	2	0	0	44	44
12:15	12:30	33	7	0	0	0	37	40
12:30	12:45	31	9	0	0	0	36	40
12:45	13:00	29	9	0	0	0	34	38
13:00	13:15	27	4	0	0	0	29	31
13:15	13:30	29	8	0	0	0	33	37
13:30	13:45	37	8	0	0	0	41	45
13:45	14:00	40	10	0	0	0	45	50
14:00	14:15	25	1	0	0	0	26	26
14:15	14:30	23	0	0	0	0	23	23
14:30	14:45	18	1	0	0	0	19	19
14:45	15:00	16	0	0	0	0	16	16
15:00	15:15	25	2	0	0	0	26	27
15:15	15:30	23	1	0	0	0	24	24
15:30	15:45	25	1	0	0	0	26	26
15:45	16:00	26	2	0	0	0	27	28
16:00	16:15	20	2	0	0	0	21	22
16:15	16:30	19	1	0	0	0	20	20
16:30	16:45	21	7	0	0	0	25	28
16:45	17:00	20	7	0	0	0	24	27
17:00	17:15	35	5	0	0	0	38	40
17:15	17:30	35	5	0	0	0	38	40
17:30	17:45	38	6	0	0	0	41	44
17:45	18:00	41	5	0	0	0	44	46
18:00	18:15	36	9	0	0	0	41	45
18:15	18:30	33	7	0	0	0	37	40
18:30	18:45	37	3	0	0	0	39	40
18:45	19:00	35	2	0	0	0	36	37
19:00	19:15	38	7	0	0	0	42	45
19:15	19:30	27	5	0	0	0	30	32
19:30	19:45	19	2	0	0	0	20	21
19:45	20:00	15	0	0	0	0	15	15
20:00	20:15	13	1	0	0	0	14	14
20:15	20:30	9	1	0	0	0	10	10
20:30	20:45	9	0	0	0	0	9	9
20:45	21:00	11	1	0	0	0	12	12
21:00	21:15	9	2	0	0	0	10	11
21:15	21:30	7	0	0	0	0	7	7
21:30	21:45	10	2	0	0	0	11	12
21:45	22:00	4	0	0	0	0	4	4
22:00	22:15	2	1	0	0	0	3	3
22:15	22:30	1	0	0	0	0	1	1
22:30	22:45	5	1	0	0	0	6	6
22:45	23:00	2	0	0	0	0	2	2
23:00	23:15	7	2	0	0	0	8	9
23:15	23:30	4	0	0	0	0	4	4
23:30	23:45	1	2	0	0	0	2	3
23:45	0:00	1	0	0	0	0	1	1

**Movimento Contado****2 > 5      R. Atibaia conv à dir. R. França****Fluxo veicular a cada hora**

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

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

**Movimento Contado****2 > 5 R. Atibaia conv à dir. R. França****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	2	0	0	0	0	2	2
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	1	0	0	0	0	1	1	12:30	12:45	2	0	0	0	0	2	2
0:45	1:00	0	0	0	0	0	0	0	12:45	13:00	2	0	0	0	0	2	2
1:00	1:15	0	0	0	0	0	0	0	13:00	13:15	0	0	0	0	0	0	0
1:15	1:30	0	0	0	0	0	0	0	13:15	13:30	4	0	0	0	0	4	4
1:30	1:45	0	0	0	0	0	0	0	13:30	13:45	1	0	0	0	0	1	1
1:45	2:00	0	0	0	0	0	0	0	13:45	14:00	2	0	0	0	0	2	2
2:00	2:15	0	0	0	0	0	0	0	14:00	14:15	0	0	0	0	0	0	0
2:15	2:30	0	0	0	0	0	0	0	14:15	14:30	1	0	0	0	0	1	1
2:30	2:45	0	0	0	0	0	0	0	14:30	14:45	1	0	0	0	0	1	1
2:45	3:00	0	0	0	0	0	0	0	14:45	15:00	1	0	0	0	0	1	1
3:00	3:15	0	0	0	0	0	0	0	15:00	15:15	1	0	0	0	0	1	1
3:15	3:30	0	0	0	0	0	0	0	15:15	15:30	3	0	0	0	0	3	3
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	0	0	0	0	0	0	0
4:00	4:15	0	0	0	0	0	0	0	16:00	16:15	1	0	0	0	0	1	1
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	0	0	0	0	0	0	0
4:45	5:00	0	0	0	0	0	0	0	16:45	17:00	2	0	0	0	0	2	2
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	0	0	0	0	0	0	0
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	1	0	0	3	1	17:45	18:00	0	0	0	0	0	0	0
6:00	6:15	0	0	0	0	0	0	0	18:00	18:15	1	0	0	0	0	1	1
6:15	6:30	1	1	0	0	0	2	2	18:15	18:30	0	0	0	0	0	0	0
6:30	6:45	0	0	0	0	0	0	0	18:30	18:45	1	0	1	0	0	4	2
6:45	7:00	0	0	0	0	0	0	0	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	0	0	1	0	0	3	1	19:15	19:30	0	0	0	0	0	0	0
7:30	7:45	1	0	0	0	0	1	1	19:30	19:45	0	0	0	0	0	0	0
7:45	8:00	1	1	0	0	0	2	2	19:45	20:00	1	1	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	4	0	0	0	0	4	4	20:15	20:30	0	0	0	0	0	0	0
8:30	8:45	2	0	0	0	0	2	2	20:30	20:45	0	0	0	0	0	0	0
8:45	9:00	2	0	0	0	0	2	2	20:45	21:00	1	1	0	0	0	2	2
9:00	9:15	0	0	0	0	0	0	0	21:00	21:15	2	0	0	0	0	2	2
9:15	9:30	1	0	0	0	0	1	1	21:15	21:30	0	0	0	0	0	0	0
9:30	9:45	0	0	0	0	0	0	0	21:30	21:45	2	0	0	0	0	2	2
9:45	10:00	0	0	0	0	0	0	0	21:45	22:00	1	0	0	0	0	1	1
10:00	10:15	4	0	0	0	0	4	4	22:00	22:15	1	0	0	0	0	1	1
10:15	10:30	2	0	0	0	0	2	2	22:15	22:30	1	0	0	0	0	1	1
10:30	10:45	3	0	0	0	0	3	3	22:30	22:45	1	0	0	0	0	1	1
10:45	11:00	1	0	0	0	0	1	1	22:45	23:00	0	1	0	0	0	1	1
11:00	11:15	1	0	0	0	0	1	1	23:00	23:15	0	0	0	0	0	0	0
11:15	11:30	1	0	0	0	0	1	1	23:15	23:30	0	0	0	0	0	0	0
11:30	11:45	0	1	0	0	0	1	1	23:30	23:45	1	0	0	0	0	1	1
11:45	12:00	3	0	0	0	0	3	3	23:45	0:00	1	0	0	0	0	1	1

**Movimento Contado****3 > 1      Av. Treze de Maio em frente****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	124	49	0	6	0	161	179
1:00	2:00	64	30	2	1	0	86	97
2:00	3:00	37	18	1	0	0	49	56
3:00	4:00	20	10	2	1	0	32	33
4:00	5:00	26	24	4	2	0	52	56
5:00	6:00	95	33	3	7	0	133	138
6:00	7:00	511	112	11	28	0	651	662
7:00	8:00	1033	192	23	29	0	1245	1277
8:00	9:00	966	165	22	21	0	1146	1174
9:00	10:00	939	159	21	19	0	1109	1138
10:00	11:00	791	154	21	20	0	961	986
11:00	12:00	883	210	22	20	0	1083	1135

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	786	226	11	19	0	965	1042
13:00	14:00	955	220	15	15	0	1133	1205
14:00	15:00	1033	224	20	18	0	1231	1295
15:00	16:00	973	157	13	11	0	1106	1154
16:00	17:00	956	260	21	22	0	1183	1259
17:00	18:00	1020	234	29	21	0	1252	1304
18:00	19:00	1202	428	15	24	0	1502	1669
19:00	20:00	948	173	10	21	0	1102	1152
20:00	21:00	635	111	1	15	0	723	762
21:00	22:00	516	103	4	13	0	604	636
22:00	23:00	538	117	4	13	0	633	672
23:00	0:00	221	71	1	10	0	279	303

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

Período Manhã								Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	0:15	46	20	0	1	0	58	12:00	12:15	209	71	4	6	0	267	290
0:15	0:30	28	16	0	2	0	40	12:15	12:30	234	61	4	4	0	283	303
0:30	0:45	28	5	0	2	0	35	12:30	12:45	189	53	2	3	0	227	247
0:45	1:00	22	8	0	1	0	28	12:45	13:00	154	41	1	6	0	189	202
1:00	1:15	25	20	0	0	0	35	13:00	13:15	216	50	3	3	0	255	272
1:15	1:30	14	6	0	0	0	17	13:15	13:30	223	50	5	5	0	271	283
1:30	1:45	17	3	1	0	0	21	13:30	13:45	252	58	3	3	0	295	316
1:45	2:00	8	1	1	1	0	13	13:45	14:00	264	62	4	4	0	313	334
2:00	2:15	13	5	0	0	0	16	14:00	14:15	279	59	5	4	0	329	347
2:15	2:30	9	4	0	0	0	11	14:15	14:30	267	61	4	4	0	316	336
2:30	2:45	9	5	1	0	0	14	14:30	14:45	249	63	7	6	0	310	325
2:45	3:00	6	4	0	0	0	8	14:45	15:00	238	41	4	4	0	277	287
3:00	3:15	3	0	0	1	0	5	15:00	15:15	247	39	2	4	0	280	292
3:15	3:30	4	4	1	0	0	9	15:15	15:30	235	35	3	3	0	266	276
3:30	3:45	5	2	1	0	0	9	15:30	15:45	250	39	2	2	0	279	293
3:45	4:00	8	4	0	0	0	10	15:45	16:00	241	44	6	2	0	282	293
4:00	4:15	8	7	1	1	0	16	16:00	16:15	241	62	4	7	0	296	314
4:15	4:30	5	4	0	1	0	9	16:15	16:30	239	63	3	4	0	286	309
4:30	4:45	7	5	2	0	0	15	16:30	16:45	241	65	5	5	0	296	316
4:45	5:00	6	8	1	0	0	13	16:45	17:00	235	70	9	6	0	305	320
5:00	5:15	9	3	0	0	0	11	17:00	17:15	259	50	8	4	0	312	321
5:15	5:30	16	8	0	1	0	22	17:15	17:30	267	50	6	3	0	313	326
5:30	5:45	28	8	1	1	0	37	17:30	17:45	245	65	11	10	0	325	331
5:45	6:00	42	14	2	5	0	64	17:45	18:00	249	69	4	4	0	302	326
6:00	6:15	49	23	3	10	0	88	18:00	18:15	298	160	2	7	0	397	467
6:15	6:30	74	20	1	4	0	95	18:15	18:30	308	119	2	4	0	381	433
6:30	6:45	155	32	5	7	0	198	18:30	18:45	278	80	9	6	0	353	373
6:45	7:00	233	37	2	7	0	271	18:45	19:00	318	69	2	7	0	372	396
7:00	7:15	276	36	9	10	0	337	19:00	19:15	296	73	1	1	0	337	371
7:15	7:30	253	51	4	6	0	301	19:15	19:30	234	42	4	7	0	279	287
7:30	7:45	263	43	9	8	0	323	19:30	19:45	223	28	3	7	0	259	261
7:45	8:00	241	62	1	5	0	285	19:45	20:00	195	30	2	6	0	227	233
8:00	8:15	251	44	3	6	0	293	20:00	20:15	184	19	0	4	0	202	207
8:15	8:30	233	38	10	5	0	287	20:15	20:30	166	30	1	2	0	188	199
8:30	8:45	254	40	2	7	0	293	20:30	20:45	128	30	0	6	0	155	164
8:45	9:00	228	43	7	3	0	273	20:45	21:00	157	32	0	3	0	179	192
9:00	9:15	253	44	2	9	0	298	21:00	21:15	135	31	1	4	0	161	171
9:15	9:30	215	32	7	1	0	251	21:15	21:30	143	26	2	3	0	167	174
9:30	9:45	239	33	7	6	0	285	21:30	21:45	103	22	0	3	0	120	128
9:45	10:00	232	50	5	3	0	276	21:45	22:00	135	24	1	3	0	156	163
10:00	10:15	197	40	5	3	0	236	22:00	22:15	168	29	3	3	0	196	203
10:15	10:30	196	27	3	4	0	225	22:15	22:30	150	29	1	3	0	173	183
10:30	10:45	185	46	5	4	0	229	22:30	22:45	138	34	0	3	0	161	175
10:45	11:00	213	41	8	9	0	272	22:45	23:00	82	25	0	4	0	103	111
11:00	11:15	224	38	7	3	0	267	23:00	23:15	73	21	0	2	0	88	96
11:15	11:30	198	57	8	3	0	253	23:15	23:30	53	13	1	2	0	66	69
11:30	11:45	220	56	6	7	0	277	23:30	23:45	48	20	0	2	0	62	70
11:45	12:00	241	59	1	7	0	287	23:45	0:00	47	17	0	4	0	64	68