

# RELATÓRIO DE PESQUISAS

## CONTAGEM VOLUMÉTRICA CLASSIFICADA EM CRUZAMENTOS (15)

**N10 - Av. Leão XIII (Sentido Av. Maurílio Biagi) X R. Arnaldo Victaliano**

**N11 - Av. Leão XIII X Acesso a R. Arnaldo Victaliano**

Ref.: RT-4378-01-200-3J21-N10\_A



**Ribeirão Preto - SP**

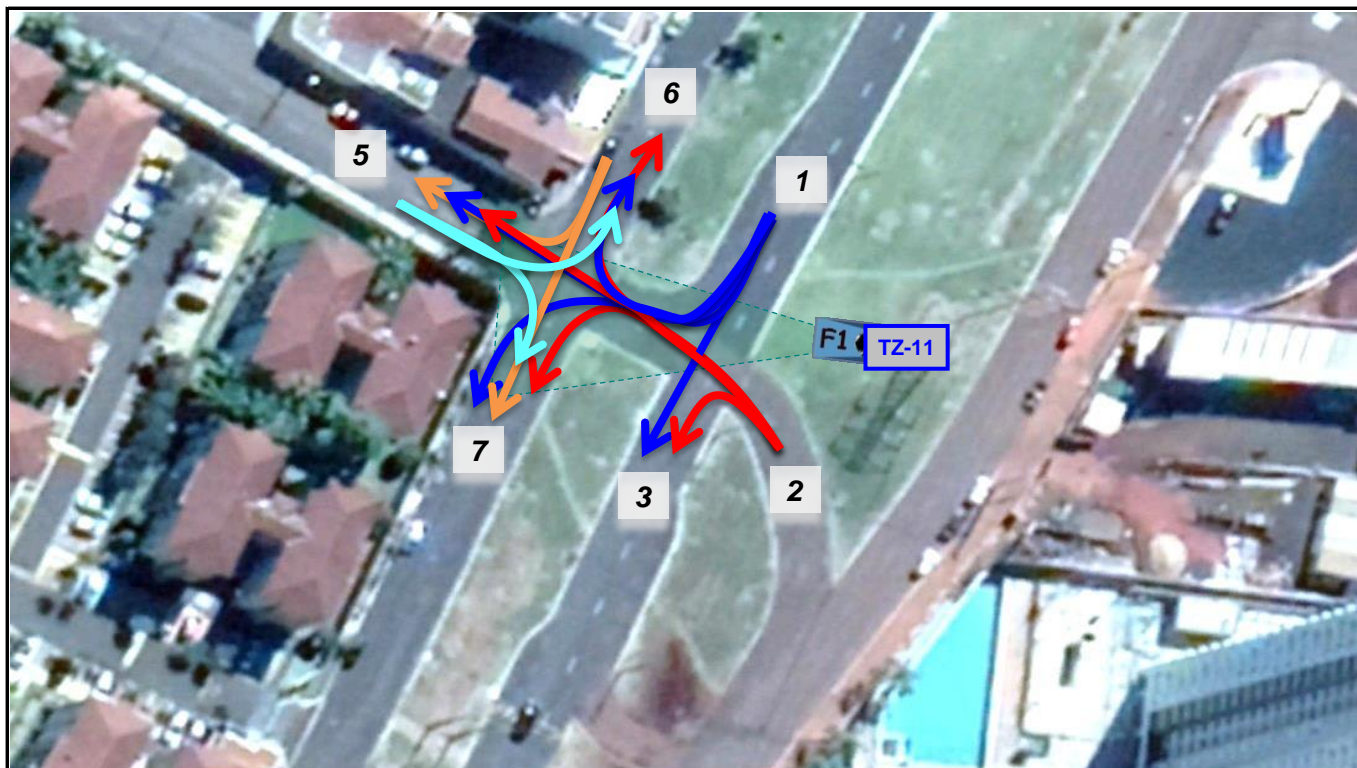
**Janeiro de 2019**

Responsável Técnico: \_\_\_\_\_  
Fábio de Campos Bittencourt

CREA N°:  
ART 28027230181266891

**Croquis**

**N10 e N11 - Av. Leão XIII X R. Arnaldo Vitaliano**



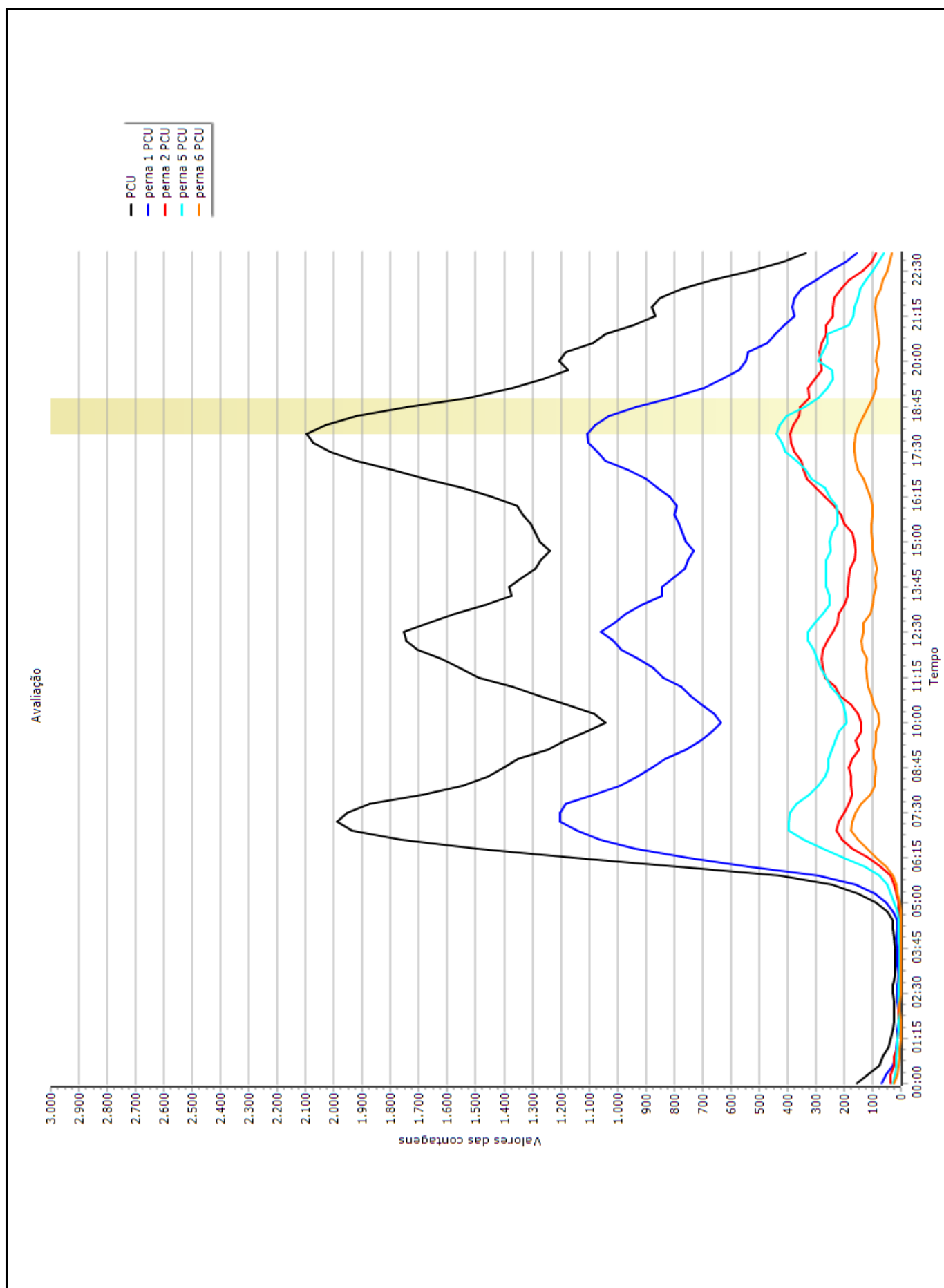
**Vídeos**



**Movimentos Contados**

- |   |   |   |  |
|---|---|---|--|
| 1 | > | 3 | Av. Leão XIII em frente                                  |
| 1 | > | 5 | Av. Leão XIII conv. dir. R. Arnaldo Vitaliano            |
| 1 | > | 6 | Av. Leão XIII conv. dir. R. Alfredo Benzoni              |
| 1 | > | 7 | Av. Leão XIII conv. esq. R. Alfredo Benzoni              |
| 2 | > | 3 | Av. Leão XIII (Conversão) conv. esq. Av. Leão XIII       |
| 2 | > | 5 | Av. Leão XIII (Conversão) em frente R. Arnaldo Vitaliano |
| 2 | > | 6 | Av. Leão XIII (Conversão) conv. dir. R. Alfredo Benzoni  |
| 2 | > | 7 | Av. Leão XIII (Conversão) conv. esq. R. Alfredo Benzoni  |
| 5 | > | 6 | R. Arnaldo Vitaliano conv. esq. R. Alfredo Benzoni       |
| 5 | > | 7 | R. Arnaldo Vitaliano conv. dir. R. Alfredo Benzoni       |
| 6 | > | 5 | R. Alfredo Benzoni conv. dir. R. Arnaldo Vitaliano       |
| 6 | > | 7 | R. Alfredo Benzoni em frente                             |

Perfil Horário N10 e N11 - Av. Leão XIII X R. Arnaldo Vitaliano

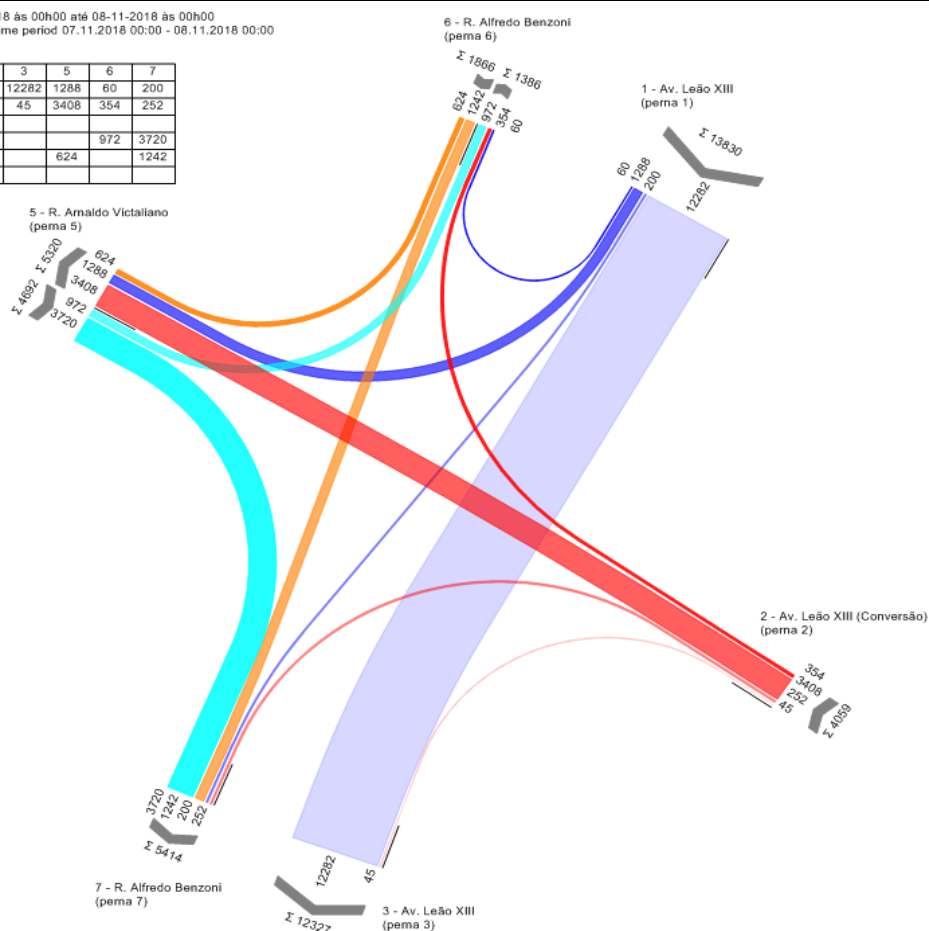


## Volume Total Diário

Contagem De 07-11-2018 às 00h00 até 08-11-2018 às 00h00  
Total On the basis of a time period 07.11.2018 00:00 - 08.11.2018 00:00  
24447 PCU

De \ Para	1	2	3	5	6	7
1			12282	1288	60	200
2			45	3408	354	252
3					972	3720
5					624	1242
6						
7						

100  
1000  
12000

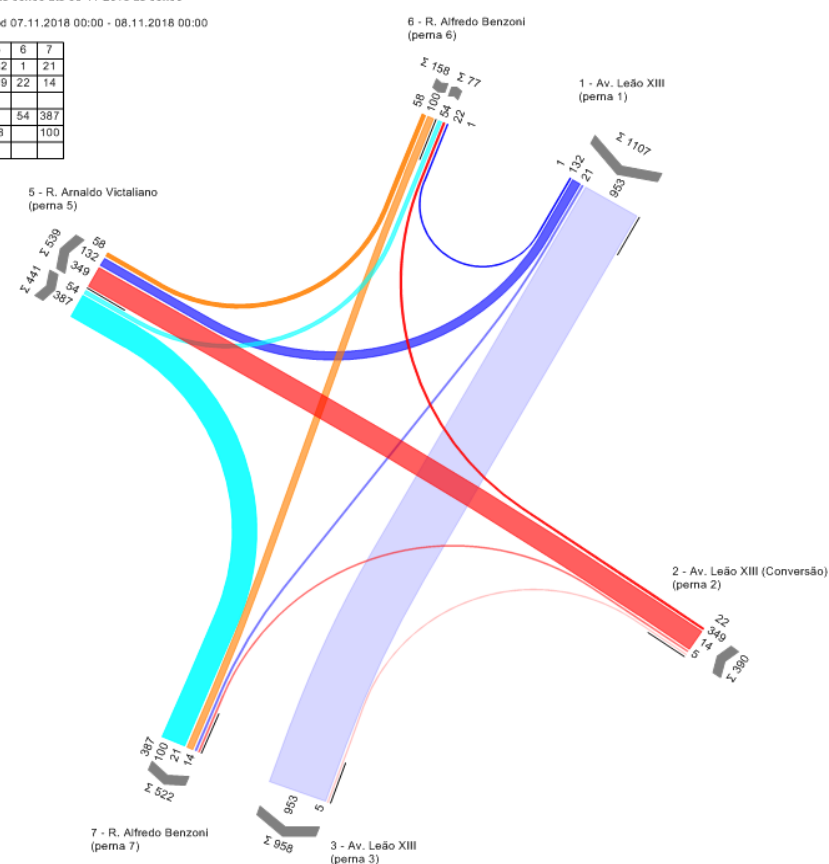


## Volume Hora Pico

Contagem De 07-11-2018 às 00h00 até 08-11-2018 às 00h00  
Hora de pico 18:00 - 19:00  
On the basis of a time period 07.11.2018 00:00 - 08.11.2018 00:00  
2096 PCU

De \ Para	1	2	3	5	6	7
1		953	132	1	21	
2			5	349	22	14
3					54	387
5					58	100
6						
7						

20  
100  
900

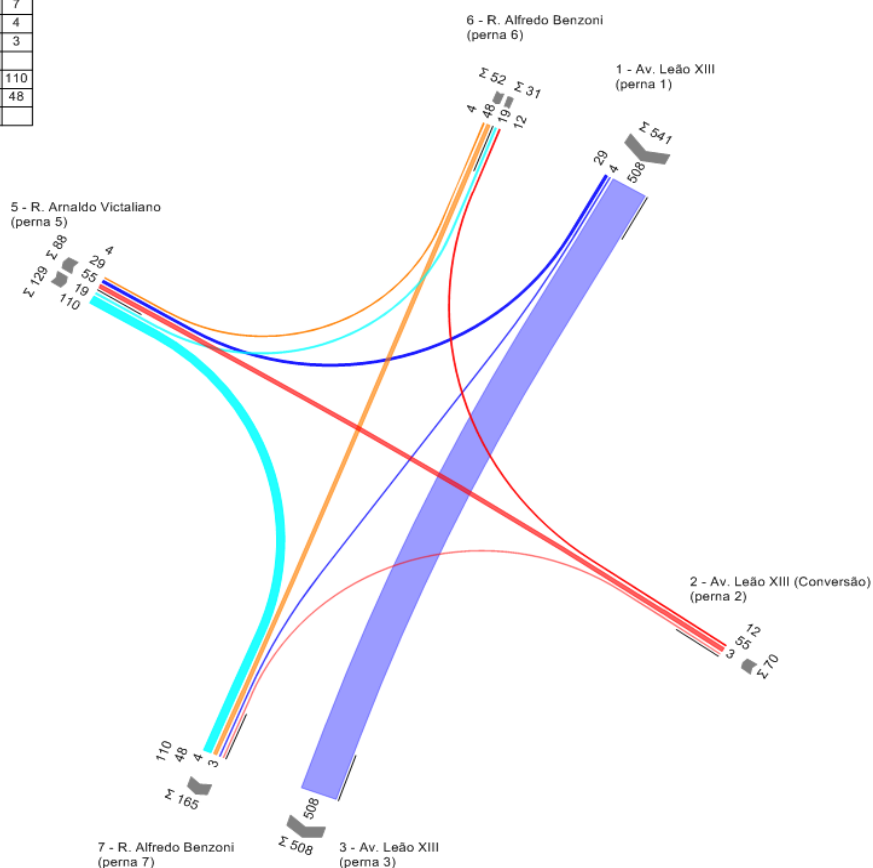


## Diagrama de Fluxos N10 e N11 - Av. Leão XIII X R. Arnaldo Vitaliano

Contagem De 07-11-2018 às 00h00 até 08-11-2018 às 00h00  
Valor horário máximo 06:00 - 07:00  
On the basis of a time period 07.11.2018 06:00 - 07.11.2018 07:00  
792 PCU

De \ Para	1	2	3	5	6	7
1			508	29		4
2			55	12		3
3						
5					19	110
6				4		48
7						

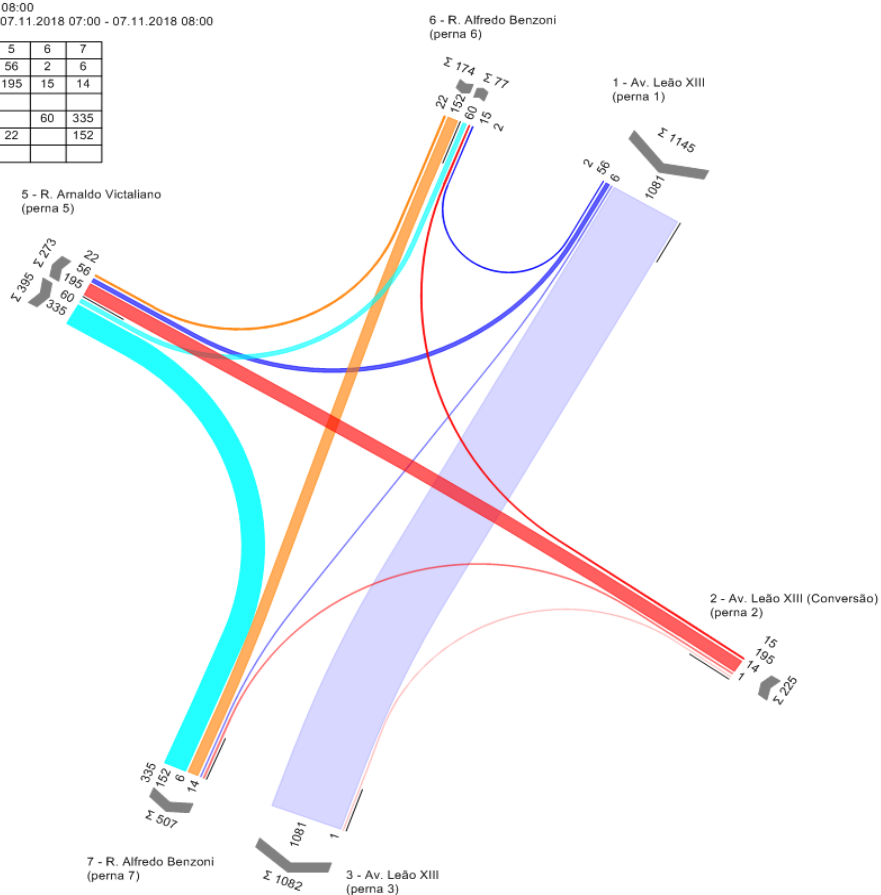
20  
100  
500



Contagem De 07-11-2018 às 00h00 até 08-11-2018 às 00h00  
Valor horário máximo 07:00 - 08:00  
On the basis of a time period 07.11.2018 07:00 - 07.11.2018 08:00  
1939 PCU

De \ Para	1	2	3	5	6	7
1			1081	56	2	6
2			1	195	15	14
3						
5					60	335
6				22		152
7						

100  
500  
1000

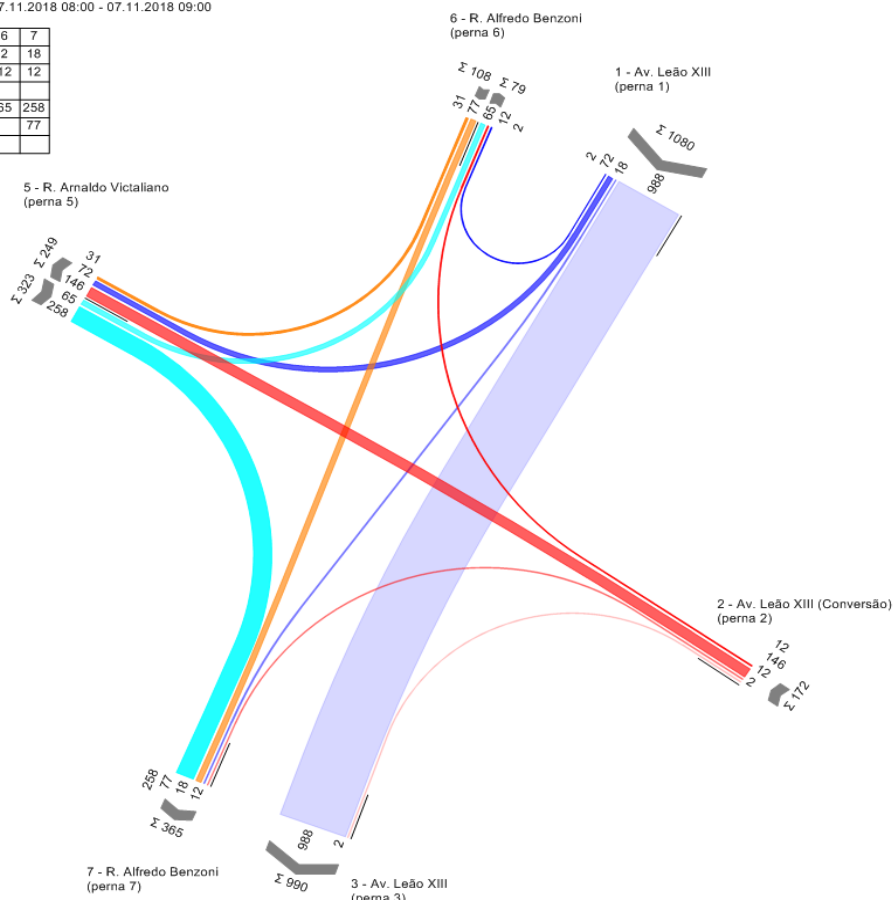


# Diagrama de Fluxos N10 e N11 - Av. Leão XIII X R. Arnaldo Vitaliano

Contagem De 07-11-2018 às 00h00 até 08-11-2018 às 00h00  
Valor horário máximo 08:00 - 09:00  
On the basis of a time period 07.11.2018 08:00 - 07.11.2018 09:00  
1683 PCU

De \ Para	1	2	3	5	6	7
1			988	72	2	18
2			2	146	12	12
3						
5					65	258
6				31		77
7						

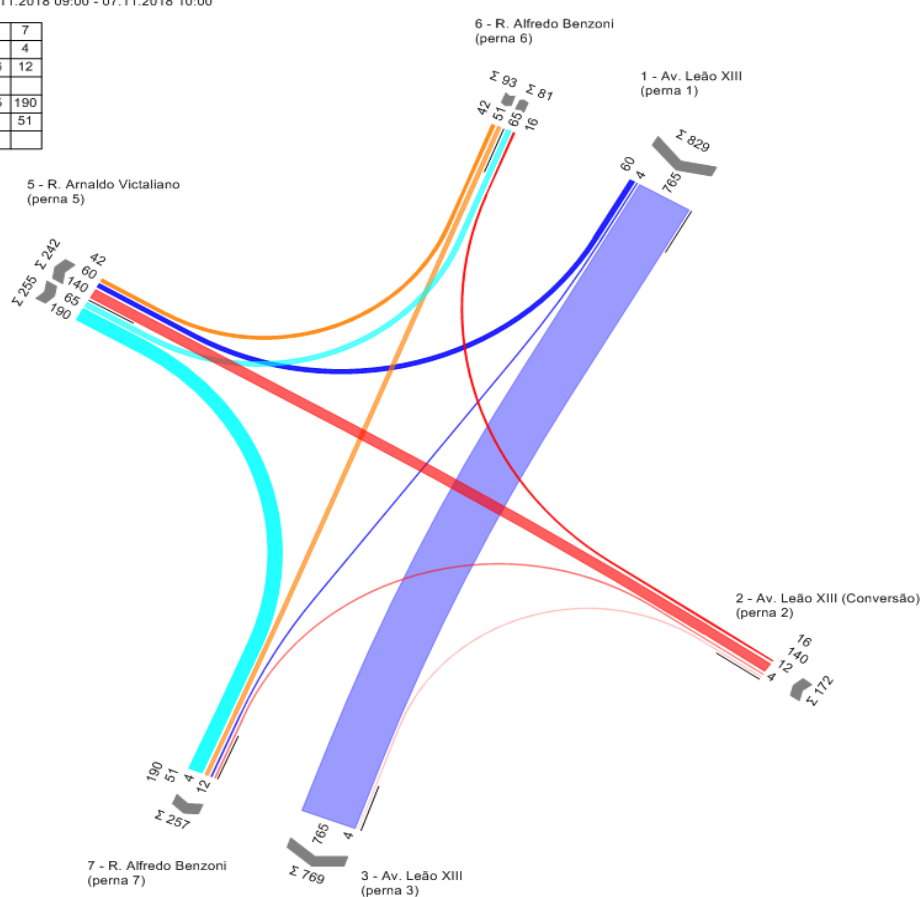
20  
100  
900



Contagem De 07-11-2018 às 00h00 até 08-11-2018 às 00h00  
Valor horário máximo 09:00 - 10:00  
On the basis of a time period 07.11.2018 09:00 - 07.11.2018 10:00  
1349 PCU

De \ Para	1	2	3	5	6	7
1			765	60		4
2			4	140	16	12
3						
5					65	190
6				42		51
7						

20  
100  
700



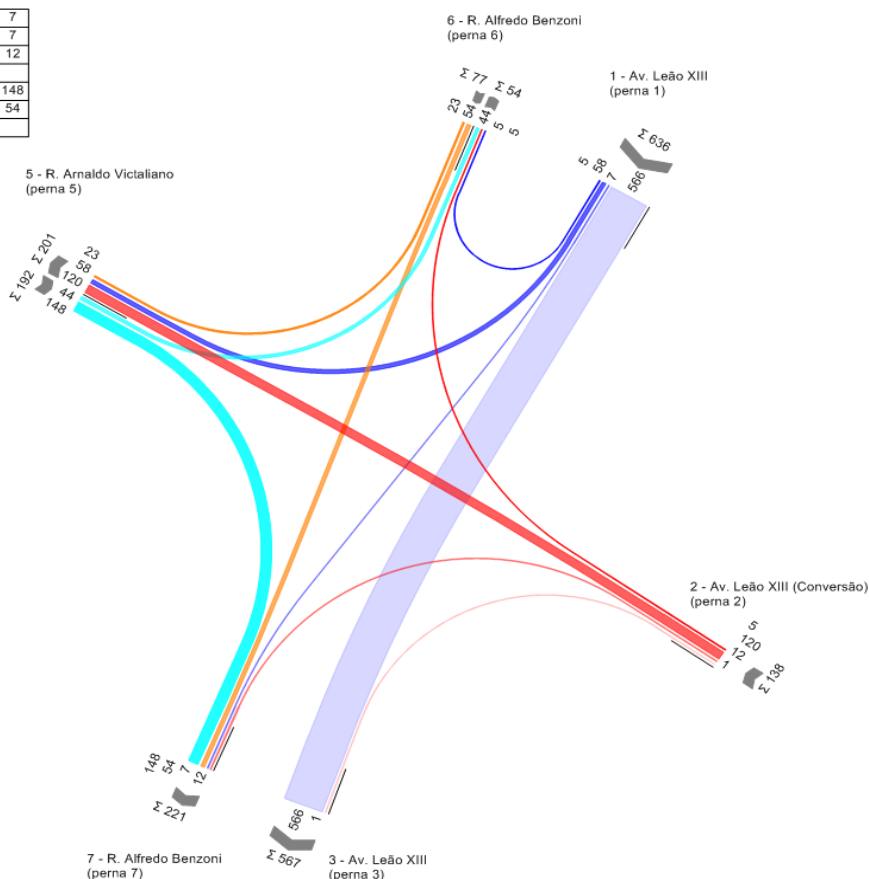


# Diagrama de Fluxos N10 e N11 - Av. Leão XIII X R. Arnaldo Vitaliano

Contagem De 07-11-2018 às 00h00 até 08-11-2018 às 00h00  
 Valor horário máximo 10:00 - 11:00  
 On the basis of a time period 07.11.2018 10:00 - 07.11.2018 11:00  
 1043 PCU

De \ Para	1	2	3	5	6	7
1			566	58	5	7
2			1	120	5	12
3						
5					44	148
6				23		54
7						

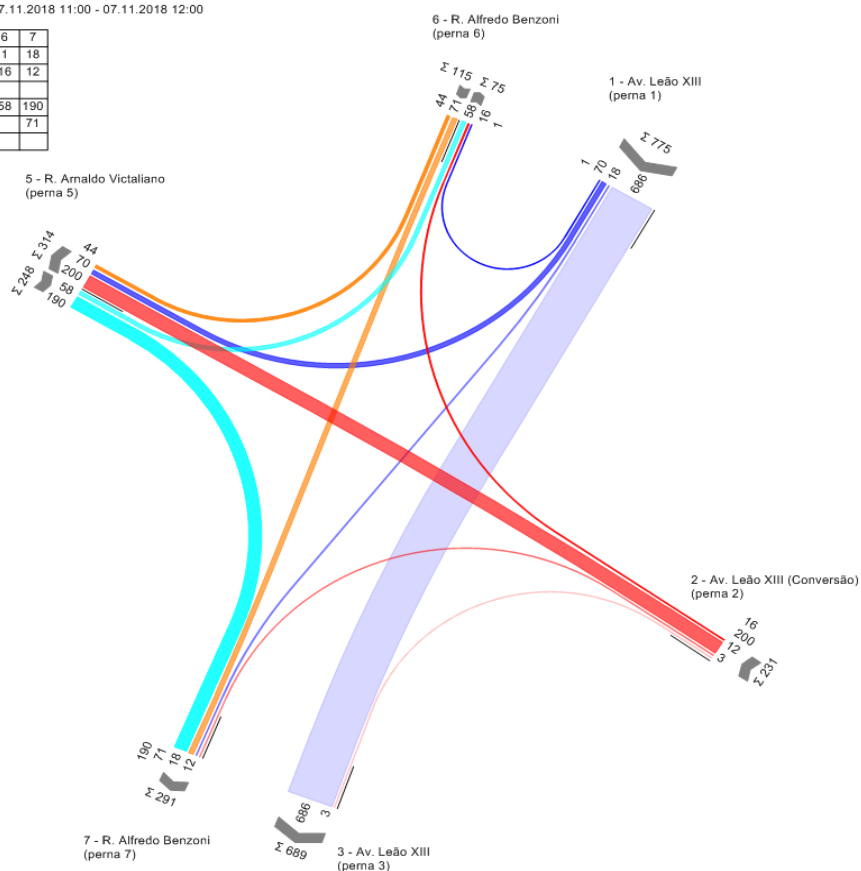
20  
100  
500



Contagem De 07-11-2018 às 00h00 até 08-11-2018 às 00h00  
 Valor horário máximo 11:00 - 12:00  
 On the basis of a time period 07.11.2018 11:00 - 07.11.2018 12:00  
 1369 PCU

De \ Para	1	2	3	5	6	7
1			686	70	1	18
2			3	200	16	12
3						
5					58	190
6				44		71
7						

20  
100  
600

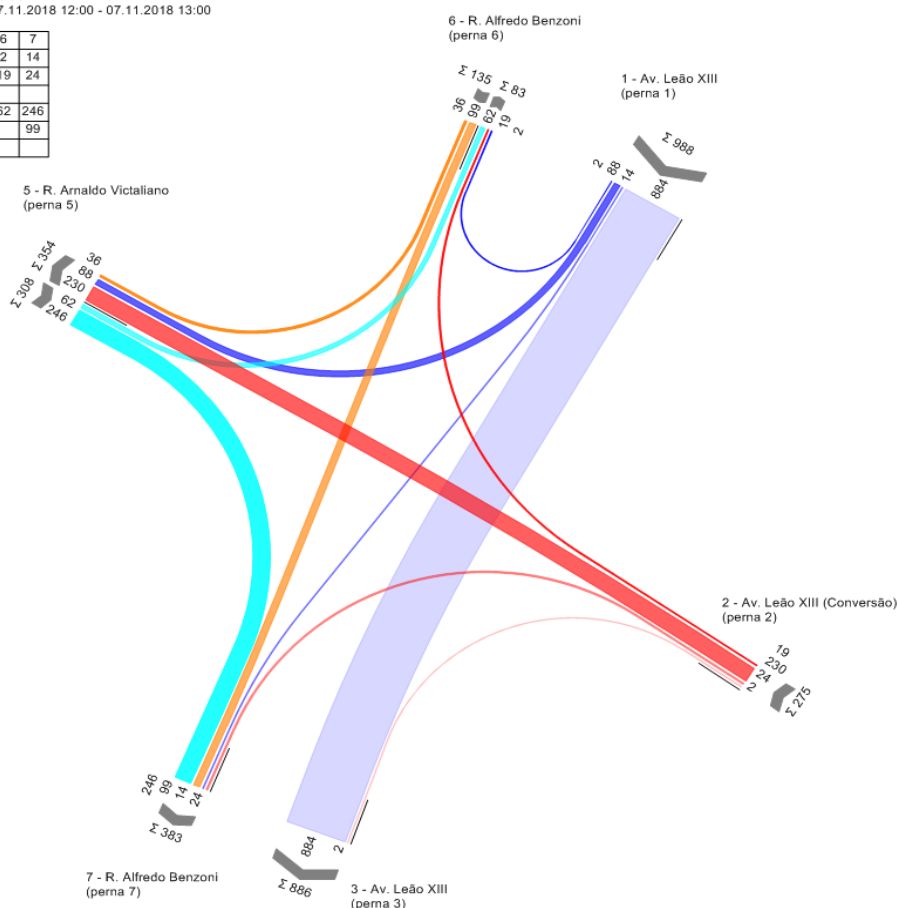


## Diagrama de Fluxos N10 e N11 - Av. Leão XIII X R. Arnaldo Vitaliano

Contagem De 07-11-2018 às 00h00 até 08-11-2018 às 00h00  
Valor horário máximo 12:00 - 13:00  
On the basis of a time period 07.11.2018 12:00 - 07.11.2018 13:00  
1706 PCU

De \ Para	1	2	3	5	6	7
1			884	88	2	14
2			2	230	19	24
3						
5					62	246
6				36		99
7						

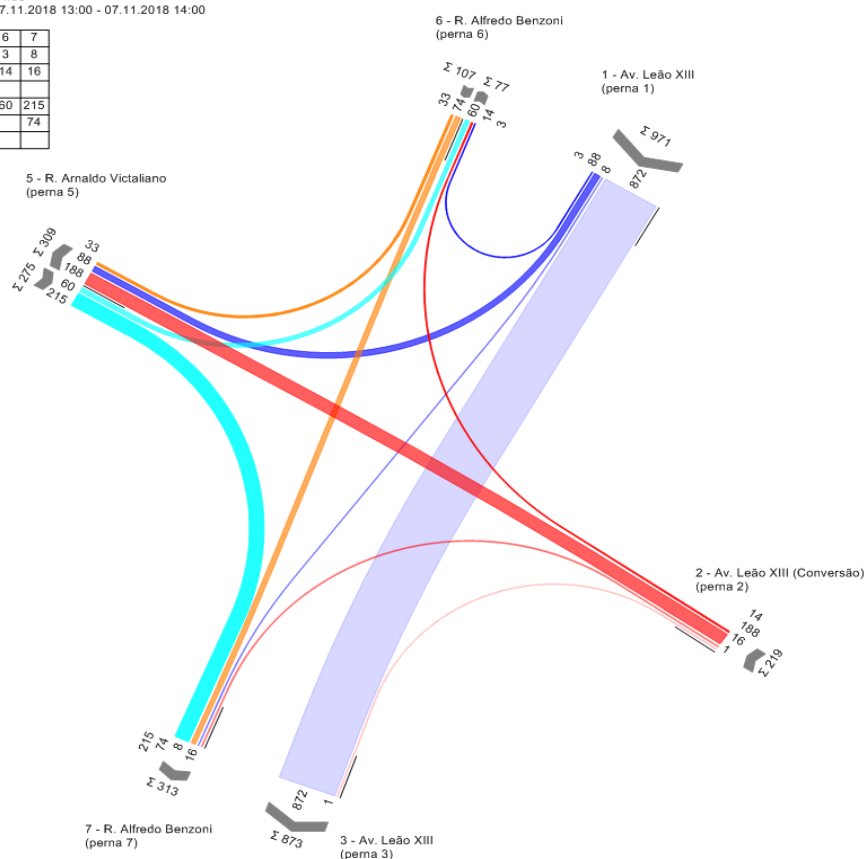
20  
100  
800



Contagem De 07-11-2018 às 00h00 até 08-11-2018 às 00h00  
Valor horário máximo 13:00 - 14:00  
On the basis of a time period 07.11.2018 13:00 - 07.11.2018 14:00  
1572 PCU

De \ Para	1	2	3	5	6	7
1			872	88	3	8
2			1	188	14	16
3						
5					60	215
6				33		74
7						

20  
100  
800



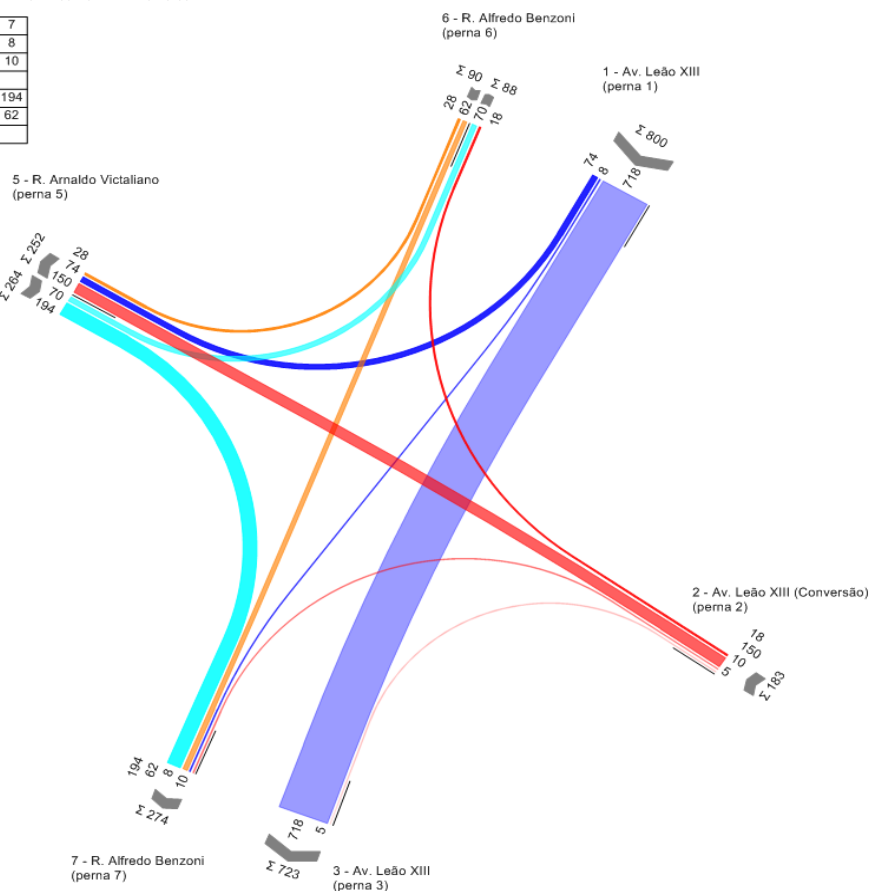


# Diagrama de Fluxos N10 e N11 - Av. Leão XIII X R. Arnaldo Vitaliano

Contagem De 07-11-2018 às 00h00 até 08-11-2018 às 00h00  
Valor horário máximo 14:00 - 15:00  
On the basis of a time period 07.11.2018 14:00 - 07.11.2018 15:00  
1337 PCU

De Para	1	2	3	5	6	7
1			718	74	8	
2			5	150	18	10
3						
5					70	194
6				28		62
7						

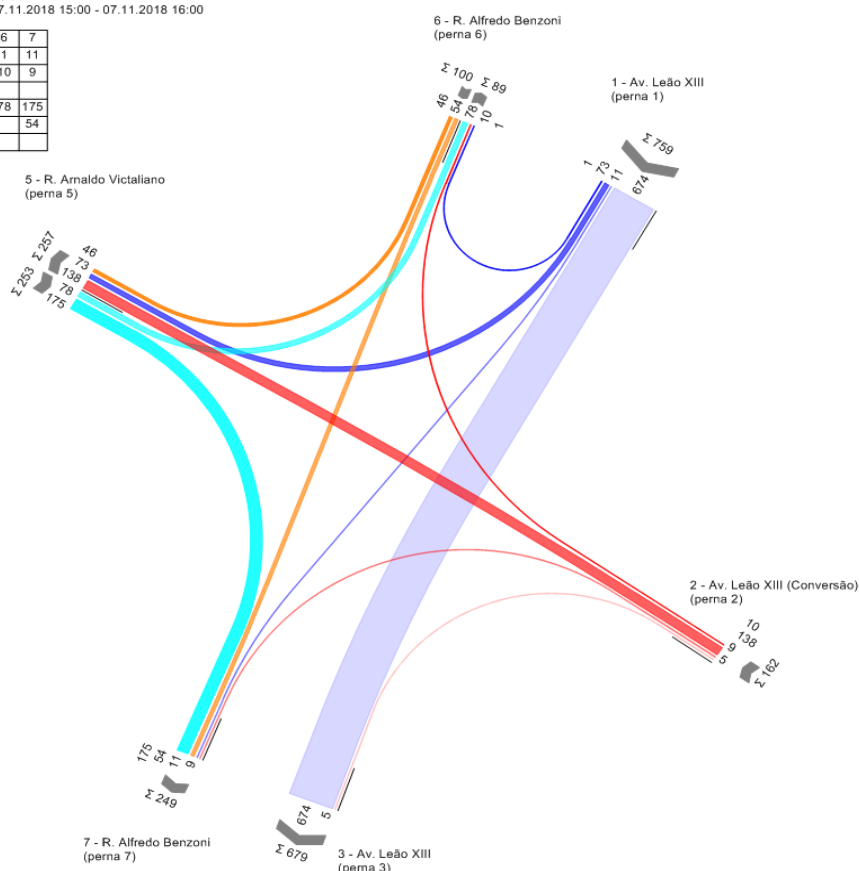
20  
100  
700



Contagem De 07-11-2018 às 00h00 até 08-11-2018 às 00h00  
Valor horário máximo 15:00 - 16:00  
On the basis of a time period 07.11.2018 15:00 - 07.11.2018 16:00  
1274 PCU

De Para	1	2	3	5	6	7
1			674	73	1	11
2			5	138	10	9
3						
5					78	175
6				46		54
7						

20  
100  
600



# Diagrama de Fluxos N10 e N11 - Av. Leão XIII X R. Arnaldo Vitaliano

Contagem De 07-11-2018 às 00h00 até 08-11-2018 às 00h00  
Valor horário máximo 16:00 - 17:00  
On the basis of a time period 07.11.2018 16:00 - 07.11.2018 17:00  
1352 PCU

De\Para	1	2	3	5	6	7
1			700	76	4	12
2			4	197	16	18
3						
5					46	180
6				47		52
7						

20  
100  
700

5 - R. Arnaldo Vitaliano  
(perna 5)

6 - R. Alfredo Benzoni  
(perna 6)

1 - Av. Leão XIII  
(perna 1)

2 - Av. Leão XIII (Conversão)  
(perna 2)

7 - R. Alfredo Benzoni  
(perna 7)

3 - Av. Leão XIII  
(perna 3)

Contagem De 07-11-2018 às 00h00 até 08-11-2018 às 00h00  
Valor horário máximo 17:00 - 18:00  
On the basis of a time period 07.11.2018 17:00 - 07.11.2018 18:00  
1793 PCU

De\Para	1	2	3	5	6	7
1			844	98	4	18
2			5	288	22	28
3						
5					74	261
6				49		102
7						

20  
100  
800

5 - R. Arnaldo Vitaliano  
(perna 5)

6 - R. Alfredo Benzoni  
(perna 6)

1 - Av. Leão XIII  
(perna 1)

2 - Av. Leão XIII (Conversão)  
(perna 2)

7 - R. Alfredo Benzoni  
(perna 7)

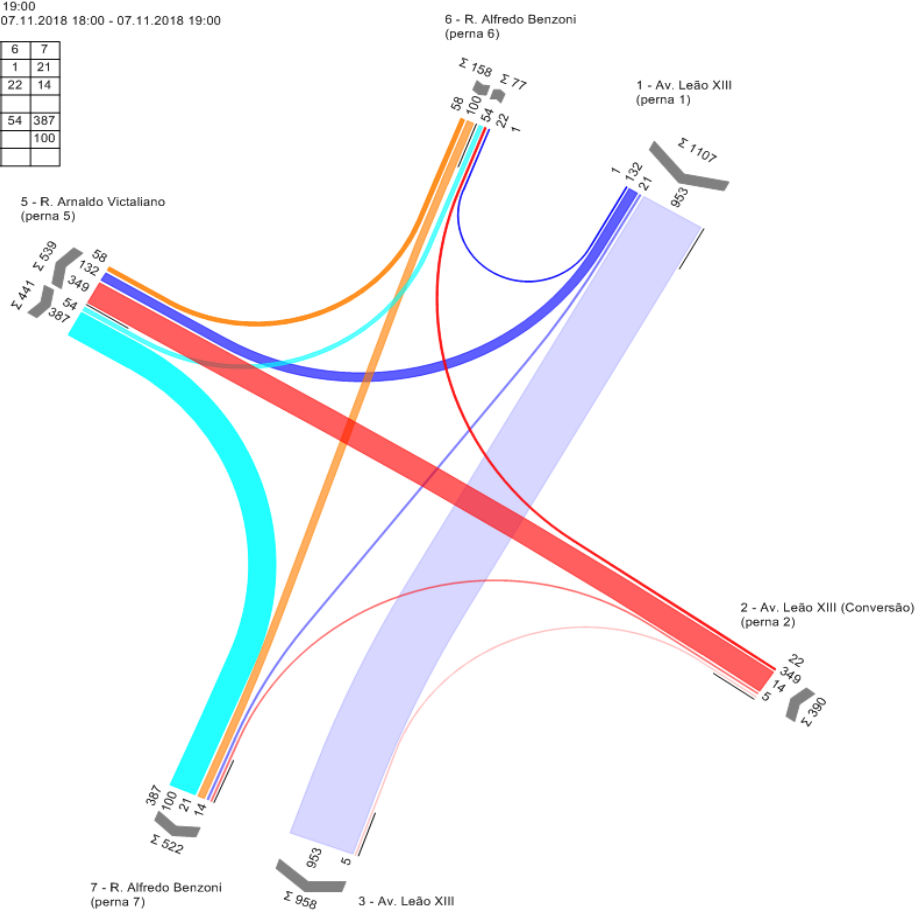
3 - Av. Leão XIII  
(perna 3)

**Diagrama de Fluxos N10 e N11 - Av. Leão XIII X R. Arnaldo Vitaliano**

Contagem De 07-11-2018 às 00h00 até 08-11-2018 às 00h00  
Valor horário máximo 18:00 - 19:00  
On the basis of a time period 07.11.2018 18:00 - 07.11.2018 19:00  
2096 PCU

De \ Para	1	2	3	5	6	7
1			953	132	1	21
2			5	349	22	14
3						
5					54	387
6				58		100
7						

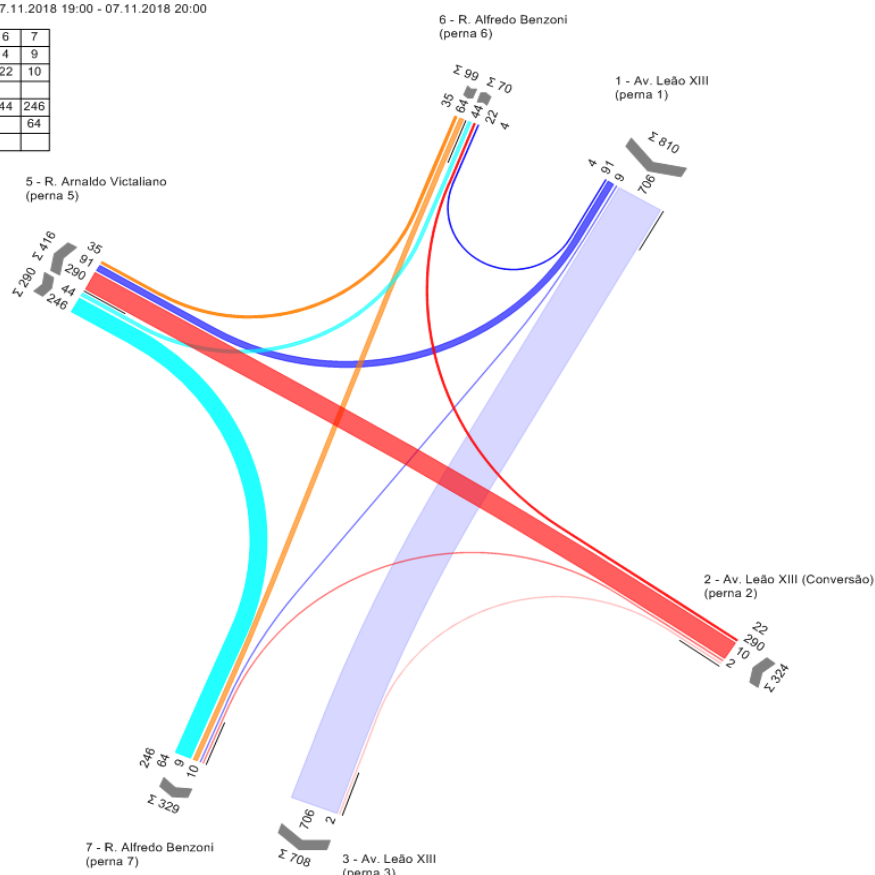
20  
100  
900



Contagem De 07-11-2018 às 00h00 até 08-11-2018 às 00h00  
Valor horário máximo 19:00 - 20:00  
On the basis of a time period 07.11.2018 19:00 - 07.11.2018 20:00  
1523 PCU

De \ Para	1	2	3	5	6	7
1			706	91	4	9
2			2	290	22	10
3						
5					44	246
6				35		64
7						

20  
100  
700

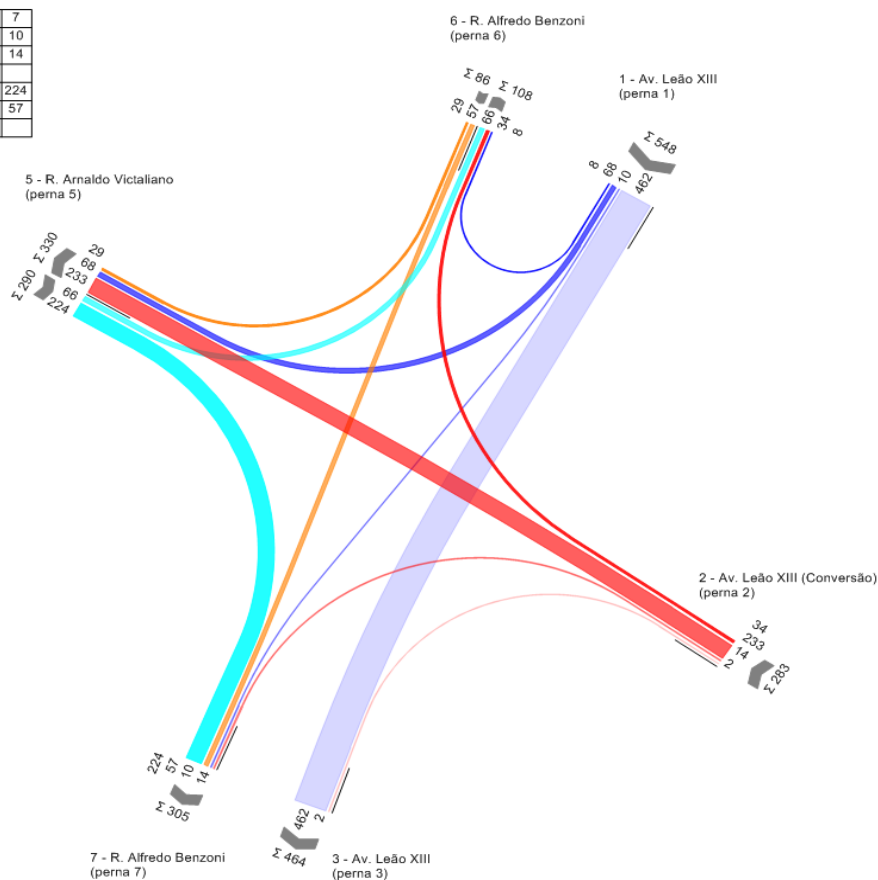


## Diagrama de Fluxos N10 e N11 - Av. Leão XIII X R. Arnaldo Vitaliano

Contagem De 07-11-2018 às 00h00 até 08-11-2018 às 00h00  
Valor horário máximo 20:00 - 21:00  
On the basis of a time period 07.11.2018 20:00 - 07.11.2018 21:00  
1207 PCU

De\Para	1	2	3	5	6	7
1			462	68	8	10
2			2	233	34	14
3						
5					66	224
6				29		57
7						

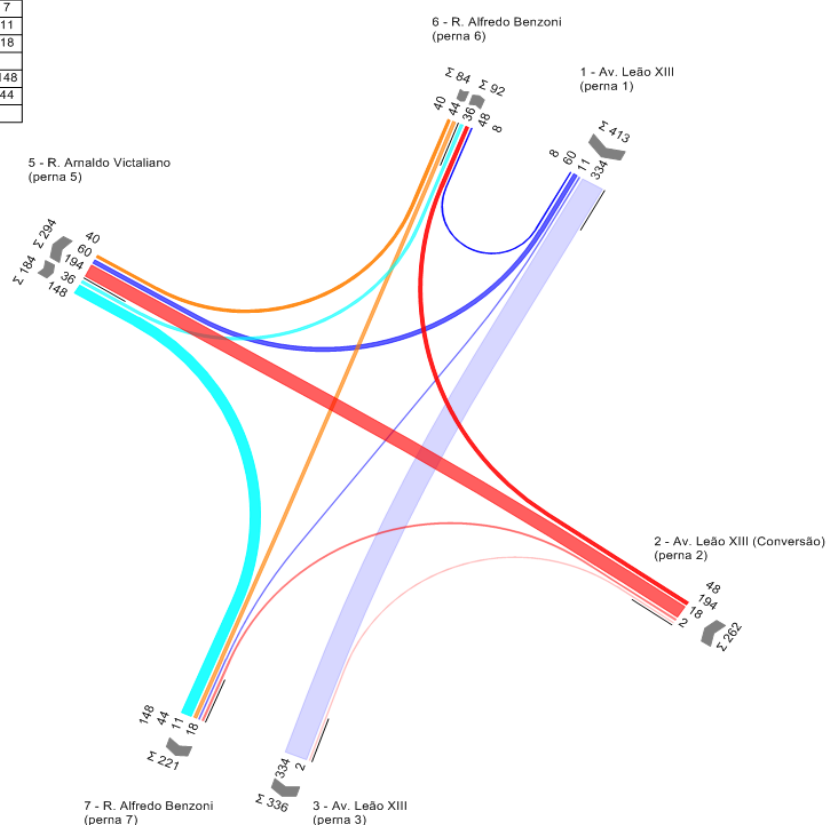
20  
100  
400



Contagem De 07-11-2018 às 00h00 até 08-11-2018 às 00h00  
Valor horário máximo 21:00 - 22:00  
On the basis of a time period 07.11.2018 21:00 - 07.11.2018 22:00  
943 PCU

De\Para	1	2	3	5	6	7
1			334	60	8	11
2			2	194	48	18
3						
5					36	148
6				40		44
7						

20  
100  
300

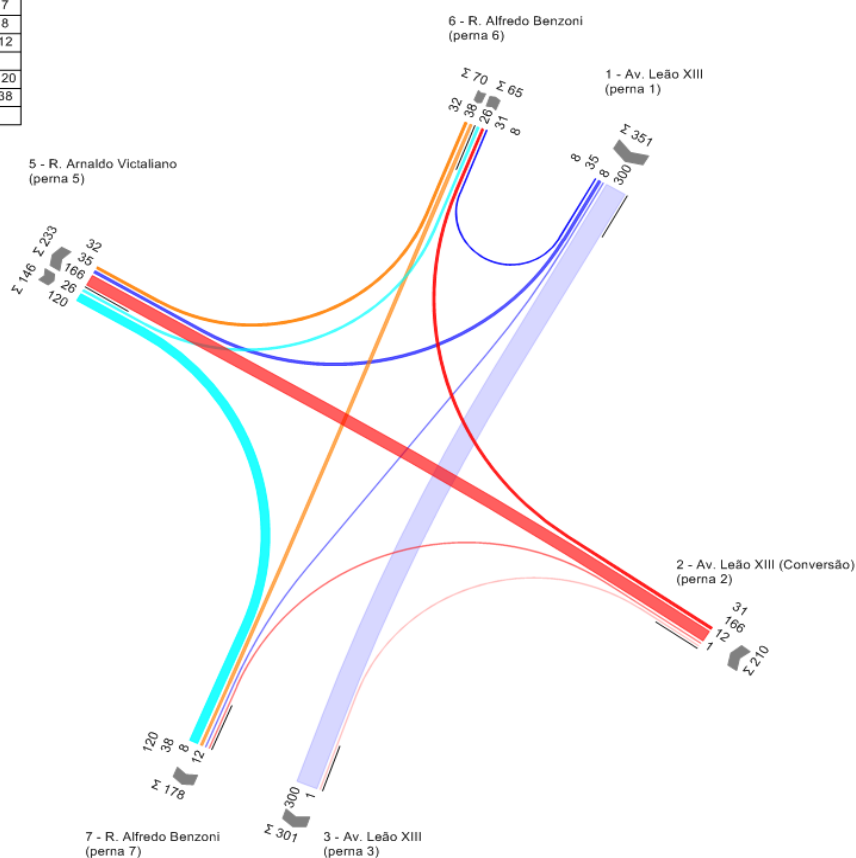


## Diagrama de Fluxos N10 e N11 - Av. Leão XIII X R. Arnaldo Vitaliano

Contagem De 07-11-2018 às 00h00 até 08-11-2018 às 00h00  
Valor horário máximo 22:00 - 23:00  
On the basis of a time period 07.11.2018 22:00 - 07.11.2018 23:00  
777 PCU

De \ Para	1	2	3	5	6	7
1				300	35	8
2				1	166	31
3						12
5						26
6					32	38
7						

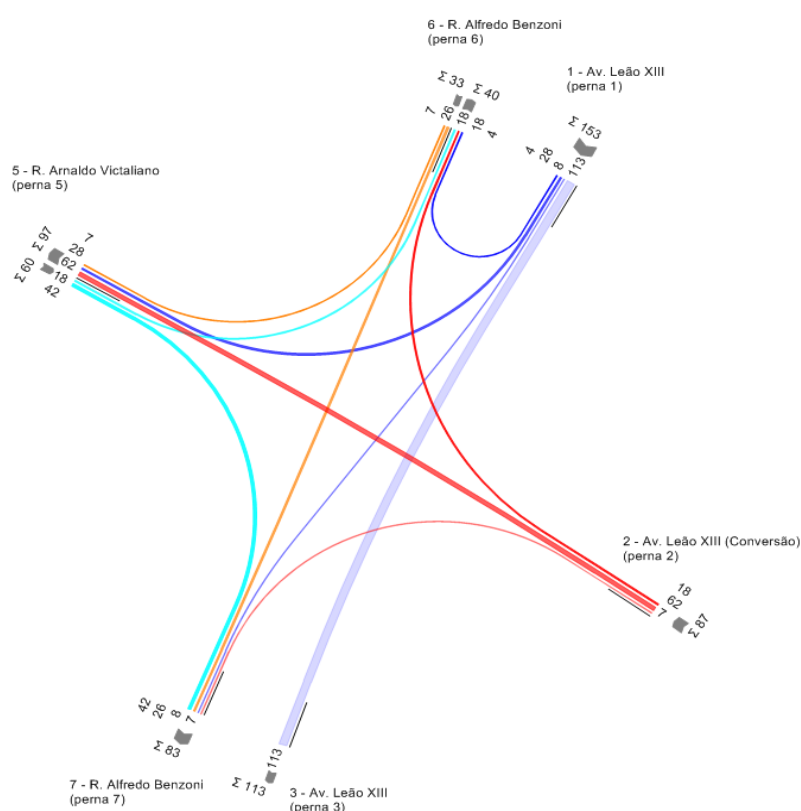
20  
100  
300



Contagem De 07-11-2018 às 00h00 até 08-11-2018 às 00h00  
Valor horário máximo 23:00 - 00:00  
On the basis of a time period 07.11.2018 23:00 - 08.11.2018 00:00  
333 PCU

De \ Para	1	2	3	5	6	7
1			113	28	4	8
2				62	18	7
3						
5					18	42
6				7		26
7						

10  
50  
100



PCU

N10 e N11 - Av. Leão XIII X R. Arnaldo Vitaliano

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. Leão XIII em frente



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	44	9	0	0	0	49	53
1:00	2:00	9	3	1	0	0	13	13
2:00	3:00	6	1	0	1	0	9	8
3:00	4:00	4	0	0	0	0	4	4
4:00	5:00	9	0	0	1	0	11	10
5:00	6:00	38	9	0	0	0	43	47
6:00	7:00	445	67	3	11	0	508	526
7:00	8:00	969	160	8	6	0	1081	1143
8:00	9:00	885	144	11	2	0	989	1042
9:00	10:00	694	74	12	2	0	765	782
10:00	11:00	481	79	18	0	0	566	578
11:00	12:00	604	91	12	3	0	686	710

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	826	76	5	4	0	885	911
13:00	14:00	800	82	11	2	0	873	895
14:00	15:00	652	88	9	0	0	719	749
15:00	16:00	613	76	9	0	0	674	698
16:00	17:00	626	89	11	1	0	700	727
17:00	18:00	770	110	7	1	0	845	888
18:00	19:00	894	109	1	1	0	953	1005
19:00	20:00	666	61	4	0	0	707	731
20:00	21:00	437	41	2	0	0	463	480
21:00	22:00	313	31	2	0	0	334	346
22:00	23:00	267	41	0	6	0	300	314
23:00	0:00	100	18	0	2	0	113	120



Movimento Contado

1 &gt; 3

Av. Leão XIII 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	15	5	0	0	0	18	20	53	12:00	12:15	196	21	1	1	0	211	219	911
0:15	0:30	18	2	0	0	0	19	20		12:15	12:30	193	18	2	1	0	209	214	
0:30	0:45	6	2	0	0	0	7	8		12:30	12:45	210	16	1	1	0	223	228	
0:45	1:00	5	0	0	0	0	5	5		12:45	13:00	227	21	1	1	0	242	250	
1:00	1:15	5	1	0	0	0	6	6	13	13:00	13:15	218	15	2	1	0	233	236	895
1:15	1:30	1	0	0	0	0	1	1		13:15	13:30	211	25	6	1	0	241	243	
1:30	1:45	2	1	0	0	0	3	3		13:30	13:45	179	23	2	0	0	196	204	
1:45	2:00	1	1	1	0	0	4	3		13:45	14:00	192	19	1	0	0	204	212	
2:00	2:15	2	1	0	0	0	3	3	8	14:00	14:15	178	21	2	0	0	194	201	749
2:15	2:30	1	0	0	0	0	1	1		14:15	14:30	149	17	5	0	0	170	171	
2:30	2:45	1	0	0	0	0	1	1		14:30	14:45	169	20	1	0	0	182	190	
2:45	3:00	2	0	0	1	0	4	3		14:45	15:00	156	30	1	0	0	174	187	
3:00	3:15	1	0	0	0	0	1	1	4	15:00	15:15	146	15	2	0	0	159	163	698
3:15	3:30	2	0	0	0	0	2	2		15:15	15:30	145	21	4	0	0	166	170	
3:30	3:45	1	0	0	0	0	1	1		15:30	15:45	151	19	0	0	0	161	170	
3:45	4:00	0	0	0	0	0	0	0		15:45	16:00	171	21	3	0	0	189	195	
4:00	4:15	3	0	0	1	0	5	4	10	16:00	16:15	147	23	3	0	0	166	173	727
4:15	4:30	2	0	0	0	0	2	2		16:15	16:30	151	21	4	0	0	172	176	
4:30	4:45	2	0	0	0	0	2	2		16:30	16:45	170	20	2	1	0	187	193	
4:45	5:00	2	0	0	0	0	2	2		16:45	17:00	158	25	2	0	0	176	185	
5:00	5:15	3	1	0	0	0	4	4	47	17:00	17:15	163	25	2	0	0	181	190	888
5:15	5:30	3	0	0	0	0	3	3		17:15	17:30	192	24	1	1	0	209	218	
5:30	5:45	14	6	0	0	0	17	20		17:30	17:45	191	30	3	0	0	214	224	
5:45	6:00	18	2	0	0	0	19	20		17:45	18:00	224	31	1	0	0	242	256	
6:00	6:15	34	4	1	2	0	43	41	526	18:00	18:15	220	39	0	0	0	240	259	1005
6:15	6:30	54	4	0	6	0	68	64		18:15	18:30	224	31	0	0	0	240	255	
6:30	6:45	117	27	1	1	0	135	146		18:30	18:45	227	15	0	1	0	237	243	
6:45	7:00	240	32	1	2	0	263	275		18:45	19:00	223	24	1	0	0	238	248	
7:00	7:15	226	21	2	1	0	244	250	1143	19:00	19:15	212	24	2	0	0	229	238	731
7:15	7:30	215	38	2	2	0	243	257		19:15	19:30	183	10	1	0	0	191	194	
7:30	7:45	242	36	0	0	0	260	278		19:30	19:45	147	16	1	0	0	158	164	
7:45	8:00	286	65	4	3	0	335	358		19:45	20:00	124	11	0	0	0	130	135	
8:00	8:15	261	53	2	1	0	295	317	1042	20:00	20:15	124	11	1	0	0	132	136	480
8:15	8:30	215	29	3	0	0	237	247		20:15	20:30	125	9	1	0	0	132	135	
8:30	8:45	206	31	2	0	0	227	239		20:30	20:45	94	10	0	0	0	99	104	
8:45	9:00	203	31	4	1	0	231	239		20:45	21:00	94	11	0	0	0	100	105	
9:00	9:15	192	21	3	0	0	210	216	782	21:00	21:15	105	6	2	0	0	113	113	346
9:15	9:30	172	17	1	2	0	187	192		21:15	21:30	61	9	0	0	0	66	70	
9:30	9:45	158	18	6	0	0	182	182		21:30	21:45	75	9	0	0	0	80	84	
9:45	10:00	172	18	2	0	0	186	192		21:45	22:00	72	7	0	0	0	76	79	
10:00	10:15	120	27	3	0	0	141	150	578	22:00	22:15	73	12	0	2	0	83	87	314
10:15	10:30	109	14	7	0	0	134	130		22:15	22:30	81	9	0	0	0	86	90	
10:30	10:45	125	17	4	0	0	144	146		22:30	22:45	64	13	0	1	0	73	78	
10:45	11:00	127	21	4	0	0	148	152		22:45	23:00	49	7	0	3	0	59	59	
11:00	11:15	140	23	2	2	0	161	167	710	23:00	23:15	32	2	0	0	0	33	34	120
11:15	11:30	149	27	4	0	0	173	180		23:15	23:30	35	9	0	1	0	42	45	
11:30	11:45	153	25	3	0	0	173	181		23:30	23:45	17	5	0	0	0	20	22	
11:45	12:00	162	16	3	1	0	180	182		23:45	0:00	16	2	0	1	0	19	19	

Movimento Contado

1 > 5 Av. Leão XIII conv. dir. R. Arnaldo Victaliano



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	12	4	0	0	0	14	16
1:00	2:00	3	2	0	0	0	4	5
2:00	3:00	0	1	0	0	0	1	1
3:00	4:00	2	0	0	1	0	4	3
4:00	5:00	2	0	0	0	0	2	2
5:00	6:00	7	1	0	0	0	8	8
6:00	7:00	26	2	0	1	0	29	29
7:00	8:00	51	9	0	0	0	56	60
8:00	9:00	71	2	0	0	0	72	73
9:00	10:00	56	4	1	0	0	61	61
10:00	11:00	48	9	2	0	0	58	59
11:00	12:00	64	13	0	0	0	71	77

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	86	4	0	0	0	88	90
13:00	14:00	84	9	0	0	0	89	93
14:00	15:00	66	11	1	0	0	74	78
15:00	16:00	67	12	0	0	0	73	79
16:00	17:00	63	16	1	1	0	76	81
17:00	18:00	95	5	0	0	0	98	100
18:00	19:00	125	10	1	0	0	133	136
19:00	20:00	88	6	0	0	0	91	94
20:00	21:00	62	11	0	0	0	68	73
21:00	22:00	59	3	0	0	0	61	62
22:00	23:00	33	4	0	0	0	35	37
23:00	0:00	26	4	0	0	0	28	30

Movimento Contado

1 &gt; 5

Av. Leão XIII conv. dir. R. Arnaldo Victaliano

## 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	3	3	0	0	0	5	6	14	12:00	12:15	25	1	0	0	0	26	26	90
0:15	0:30	3	1	0	0	0	4	4		12:15	12:30	14	0	0	0	0	14	14	
0:30	0:45	3	0	0	0	0	3	3		12:30	12:45	25	1	0	0	0	26	26	
0:45	1:00	3	0	0	0	0	3	3		12:45	13:00	22	2	0	0	0	23	24	
1:00	1:15	0	2	0	0	0	1	2	4	13:00	13:15	31	3	0	0	0	33	34	93
1:15	1:30	2	0	0	0	0	2	2		13:15	13:30	22	4	0	0	0	24	26	
1:30	1:45	1	0	0	0	0	1	1		13:30	13:45	9	1	0	0	0	10	10	
1:45	2:00	0	0	0	0	0	0	0		13:45	14:00	22	1	0	0	0	23	23	
2:00	2:15	0	0	0	0	0	0	0	1	14:00	14:15	15	1	0	0	0	16	16	78
2:15	2:30	0	0	0	0	0	0	0		14:15	14:30	25	3	0	0	0	27	28	
2:30	2:45	0	1	0	0	0	1	1		14:30	14:45	13	6	1	0	0	19	20	
2:45	3:00	0	0	0	0	0	0	0		14:45	15:00	13	1	0	0	0	14	14	
3:00	3:15	1	0	0	1	0	3	2	4	15:00	15:15	14	2	0	0	0	15	16	79
3:15	3:30	0	0	0	0	0	0	0		15:15	15:30	12	3	0	0	0	14	15	
3:30	3:45	0	0	0	0	0	0	0		15:30	15:45	21	3	0	0	0	23	24	
3:45	4:00	1	0	0	0	0	1	1		15:45	16:00	20	4	0	0	0	22	24	
4:00	4:15	0	0	0	0	0	0	0	2	16:00	16:15	16	4	0	0	0	18	20	81
4:15	4:30	2	0	0	0	0	2	2		16:15	16:30	17	4	1	0	0	22	22	
4:30	4:45	0	0	0	0	0	0	0		16:30	16:45	8	3	0	0	0	10	11	
4:45	5:00	0	0	0	0	0	0	0		16:45	17:00	22	5	0	1	0	27	28	
5:00	5:15	1	0	0	0	0	1	1	8	17:00	17:15	22	2	0	0	0	23	24	100
5:15	5:30	1	0	0	0	0	1	1		17:15	17:30	24	1	0	0	0	25	25	
5:30	5:45	1	0	0	0	0	1	1		17:30	17:45	24	2	0	0	0	25	26	
5:45	6:00	4	1	0	0	0	5	5		17:45	18:00	25	0	0	0	0	25	25	
6:00	6:15	4	1	0	0	0	5	5	29	18:00	18:15	44	3	1	0	0	48	48	136
6:15	6:30	4	0	0	0	0	4	4		18:15	18:30	27	5	0	0	0	30	32	
6:30	6:45	10	0	0	1	0	12	11		18:30	18:45	29	1	0	0	0	30	30	
6:45	7:00	8	1	0	0	0	9	9		18:45	19:00	25	1	0	0	0	26	26	
7:00	7:15	10	7	0	0	0	14	17	56	19:00	19:15	27	2	0	0	0	28	29	94
7:15	7:30	14	0	0	0	0	14	14		19:15	19:30	27	1	0	0	0	28	28	
7:30	7:45	15	1	0	0	0	16	16		19:30	19:45	20	1	0	0	0	21	21	
7:45	8:00	12	1	0	0	0	13	13		19:45	20:00	14	2	0	0	0	15	16	
8:00	8:15	18	0	0	0	0	18	18	72	20:00	20:15	8	2	0	0	0	9	10	73
8:15	8:30	19	1	0	0	0	20	20		20:15	20:30	20	1	0	0	0	21	21	
8:30	8:45	19	0	0	0	0	19	19		20:30	20:45	16	2	0	0	0	17	18	
8:45	9:00	15	1	0	0	0	16	16		20:45	21:00	18	6	0	0	0	21	24	
9:00	9:15	15	0	0	0	0	15	15	61	21:00	21:15	18	0	0	0	0	18	18	62
9:15	9:30	12	1	0	0	0	13	13		21:15	21:30	18	2	0	0	0	19	20	
9:30	9:45	12	2	1	0	0	16	15		21:30	21:45	6	1	0	0	0	7	7	
9:45	10:00	17	1	0	0	0	18	18		21:45	22:00	17	0	0	0	0	17	17	
10:00	10:15	14	0	0	0	0	14	14	58	22:00	22:15	10	1	0	0	0	11	11	37
10:15	10:30	11	1	0	0	0	12	12		22:15	22:30	10	1	0	0	0	11	11	
10:30	10:45	13	2	0	0	0	14	15		22:30	22:45	8	1	0	0	0	9	9	
10:45	11:00	10	6	2	0	0	18	18		22:45	23:00	5	1	0	0	0	6	6	
11:00	11:15	12	3	0	0	0	14	15	71	23:00	23:15	9	0	0	0	0	9	9	30
11:15	11:30	13	3	0	0	0	15	16		23:15	23:30	6	3	0	0	0	8	9	
11:30	11:45	20	5	0	0	0	23	25		23:30	23:45	7	0	0	0	0	7	7	
11:45	12:00	19	2	0	0	0	20	21		23:45	0:00	4	1	0	0	0	5	5	



Movimento Contado

1 > 6 Av. Leão XIII conv. dir. R. Alfredo Benzoni



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	0	0	0	0	0
6:00	7:00	0	0	0	0	0	0	0
7:00	8:00	2	0	0	0	0	2	2
8:00	9:00	2	0	0	0	0	2	2
9:00	10:00	0	0	0	0	0	0	0
10:00	11:00	2	1	1	0	0	5	4
11:00	12:00	1	0	0	0	0	1	1

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

Movimento Contado

1 &gt; 6

Av. Leão XIII conv. dir. R. Alfredo Benzoni

## 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	1	0	0	0	0	1	2	1	12:00	12:15	1	0	0	0	0	1	2	1
0:15	0:30	1	0	0	0	0	1		1	12:15	12:30	0	0	0	0	0	0		0
0:30	0:45	0	0	0	0	0	0		0	12:30	12:45	1	0	0	0	0	1		1
0:45	1:00	0	0	0	0	0	0		0	12:45	13:00	0	0	0	0	0	0		0
1:00	1:15	0	0	0	0	0	0	0	0	13:00	13:15	1	0	0	0	0	1	3	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	1	0	0	0	0	1		1
1:45	2:00	0	0	0	0	0	0		0	13:45	14:00	0	0	0	0	0	0		0
2:00	2:15	0	0	0	0	0	0	0	0	14:00	14:15	0	0	0	0	0	0	0	0
2:15	2:30	0	0	0	0	0	0		0	14:15	14:30	0	0	0	0	0	0		0
2:30	2:45	0	0	0	0	0	0		0	14:30	14:45	0	0	0	0	0	0		0
2:45	3:00	0	0	0	0	0	0		0	14:45	15:00	0	0	0	0	0	0		0
3:00	3:15	0	0	0	0	0	0	0	0	15:00	15:15	0	0	0	0	0	0	1	0
3:15	3:30	0	0	0	0	0	0		0	15:15	15:30	0	0	0	0	0	0		0
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	0	16:00	16:15	0	0	0	0	0	0	4	0
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	1	0	0	0	0	1		1
5:00	5:15	0	0	0	0	0	0	0	0	17:00	17:15	1	0	0	0	0	1	4	1
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	0	0	0	0	0	0		0
5:45	6:00	0	0	0	0	0	0		0	17:45	18:00	1	0	0	0	0	1		1
6:00	6:15	0	0	0	0	0	0	0	0	18:00	18:15	0	0	0	0	0	0	1	0
6:15	6:30	0	0	0	0	0	0		0	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	0	0	0	0	0	0		0
6:45	7:00	0	0	0	0	0	0		0	18:45	19:00	1	0	0	0	0	1		1
7:00	7:15	0	0	0	0	0	0	2	0	19:00	19:15	0	0	0	0	0	0	4	0
7:15	7:30	0	0	0	0	0	0		0	19:15	19:30	0	0	0	0	0	0		0
7:30	7:45	0	0	0	0	0	0		0	19:30	19:45	1	0	0	0	0	1		1
7:45	8:00	2	0	0	0	0	2		2	19:45	20:00	3	0	0	0	0	3		3
8:00	8:15	1	0	0	0	0	1	2	1	20:00	20:15	1	0	0	0	0	1	8	1
8:15	8:30	0	0	0	0	0	0		0	20:15	20:30	1	0	0	0	0	1		1
8:30	8:45	0	0	0	0	0	0		0	20:30	20:45	4	0	0	0	0	4		4
8:45	9:00	1	0	0	0	0	1		1	20:45	21:00	2	0	0	0	0	2		2
9:00	9:15	0	0	0	0	0	0	0	0	21:00	21:15	1	0	0	0	0	1	8	1
9:15	9:30	0	0	0	0	0	0		0	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	4	1	0	0	0	5		5
9:45	10:00	0	0	0	0	0	0		0	21:45	22:00	2	0	0	0	0	2		2
10:00	10:15	0	0	0	0	0	0	5	0	22:00	22:15	1	0	0	0	0	1	9	1
10:15	10:30	1	0	0	0	0	1		1	22:15	22:30	1	0	0	0	0	1		1
10:30	10:45	1	1	1	0	0	4		3	22:30	22:45	3	0	0	0	0	3		3
10:45	11:00	0	0	0	0	0	0		0	22:45	23:00	3	1	0	0	0	4		4
11:00	11:15	0	0	0	0	0	0	1	0	23:00	23:15	1	0	0	0	0	1	5	1
11:15	11:30	0	0	0	0	0	0		0	23:15	23:30	2	0	0	0	0	2		2
11:30	11:45	1	0	0	0	0	1		1	23:30	23:45	1	1	0	0	0	2		2
11:45	12:00	0	0	0	0	0	0		0	23:45	0:00	0	0	0	0	0	0		0

Movimento Contado

1 > 7 Av. Leão XIII conv. esq. R. Alfredo Benzoni



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	3	0	0	0	0	3	3
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	1	0	0	0	0	1	1
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	6	0	0	0	0	6	6
8:00	9:00	8	3	2	2	0	19	15
9:00	10:00	4	0	0	0	0	4	4
10:00	11:00	7	0	0	0	0	7	7
11:00	12:00	13	1	2	0	0	19	16

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



Movimento Contado

1 &gt; 7

Av. Leão XIII conv. esq. R. Alfredo Benzoní

## 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	1	0	0	0	0	1	3	1	12:00	12:15	4	1	0	0	0	5	14	5
0:15	0:30	2	0	0	0	0	2		2	12:15	12:30	2	0	0	0	0	2		2
0:30	0:45	0	0	0	0	0	0		0	12:30	12:45	4	4	0	0	0	6		8
0:45	1:00	0	0	0	0	0	0		0	12:45	13:00	1	0	0	0	0	1		1
1:00	1:15	0	0	0	0	0	0	0	0	13:00	13:15	2	0	0	0	0	2	8	2
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	0	0	0	0	0	0		0
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	0	14:00	14:15	2	0	0	0	0	2	9	2
2:15	2:30	0	0	0	0	0	0		0	14:15	14:30	1	1	0	0	0	2		2
2:30	2:45	0	0	0	0	0	0		0	14:30	14:45	5	0	0	0	0	5		5
2:45	3:00	0	0	0	0	0	0		0	14:45	15:00	0	0	0	0	0	0		0
3:00	3:15	0	0	0	0	0	0	0	0	15:00	15:15	1	0	0	0	0	1	11	1
3:15	3:30	0	0	0	0	0	0		0	15:15	15:30	6	0	0	0	0	6		6
3:30	3:45	0	0	0	0	0	0		0	15:30	15:45	2	0	0	0	0	2		2
3:45	4:00	0	0	0	0	0	0		0	15:45	16:00	0	0	0	1	0	2		1
4:00	4:15	1	0	0	0	0	1	1	1	16:00	16:15	3	0	0	0	0	3	13	3
4:15	4:30	0	0	0	0	0	0		0	16:15	16:30	2	0	0	0	0	2		2
4:30	4:45	0	0	0	0	0	0		0	16:30	16:45	2	1	0	1	0	5		4
4:45	5:00	0	0	0	0	0	0		0	16:45	17:00	3	0	0	0	0	3		3
5:00	5:15	0	0	0	0	0	0	0	0	17:00	17:15	6	0	0	0	0	6	18	6
5:15	5:30	0	0	0	0	0	0		0	17:15	17:30	5	2	0	0	0	6		7
5:30	5:45	0	0	0	0	0	0		0	17:30	17:45	4	0	0	0	0	4		4
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	0	0	0	0	0	0	4	0	18:00	18:15	2	0	0	0	0	2	21	2
6:15	6:30	0	0	0	0	0	0		0	18:15	18:30	0	0	0	0	0	0		0
6:30	6:45	3	0	0	0	0	3		3	18:30	18:45	8	0	0	0	0	8		8
6:45	7:00	1	0	0	0	0	1		1	18:45	19:00	10	2	0	0	0	11		12
7:00	7:15	2	0	0	0	0	2	6	2	19:00	19:15	2	0	0	0	0	2	9	2
7:15	7:30	0	0	0	0	0	0		0	19:15	19:30	3	1	0	0	0	4		4
7:30	7:45	1	0	0	0	0	1		1	19:30	19:45	1	0	0	0	0	1		1
7:45	8:00	3	0	0	0	0	3		3	19:45	20:00	2	1	0	0	0	3		3
8:00	8:15	4	0	0	0	0	4	19	4	20:00	20:15	3	0	0	0	0	3	10	3
8:15	8:30	0	0	0	1	0	2		1	20:15	20:30	2	0	0	0	0	2		2
8:30	8:45	3	1	1	1	0	8		6	20:30	20:45	1	0	0	0	0	1		1
8:45	9:00	1	2	1	0	0	5		4	20:45	21:00	4	0	0	0	0	4		4
9:00	9:15	1	0	0	0	0	1	4	1	21:00	21:15	3	0	0	0	0	3	11	3
9:15	9:30	0	0	0	0	0	0		0	21:15	21:30	6	0	0	0	0	6		6
9:30	9:45	3	0	0	0	0	3		3	21:30	21:45	1	0	0	0	0	1		1
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	1	0	0	0	0	1	7	1	22:00	22:15	2	1	0	0	0	3	8	3
10:15	10:30	0	0	0	0	0	0		0	22:15	22:30	3	0	0	0	0	3		3
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	5	0	0	0	0	5		5	22:45	23:00	2	0	0	0	0	2		2
11:00	11:15	2	0	1	0	0	5	19	3	23:00	23:15	2	0	0	0	0	2	8	2
11:15	11:30	1	0	1	0	0	4		2	23:15	23:30	1	2	0	0	0	2		3
11:30	11:45	6	1	0	0	0	7		7	23:30	23:45	0	0	0	0	0	0		0
11:45	12:00	4	0	0	0	0	4		4	23:45	0:00	4	0	0	0	0	4		4



Movimento Contado

2 > 3      Av. Leão XIII (Conversão) conv. esq. Av. Leão XIII



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	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	1	0	0	0	0	1	1
8:00	9:00	2	0	0	0	0	2	2
9:00	10:00	3	1	0	0	0	4	4
10:00	11:00	1	0	0	0	0	1	1
11:00	12:00	3	0	0	0	0	3	3

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

Movimento Contado

2 &gt; 3

Av. Leão XIII (Conversão) conv. esq. Av. Leão XIII

## 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	0	12:00	12:15	0	0	0	0	0	0	2	0
0:15	0:30	0	0	0	0	0	0		0	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	0	0	0	0	0	0		0
0:45	1:00	0	0	0	0	0	0		0	12:45	13:00	1	0	0	0	0	1		1
1:00	1:15	0	0	0	0	0	0	0	0	13:00	13:15	0	0	0	0	0	0	1	0
1:15	1:30	0	0	0	0	0	0		0	13:15	13:30	0	0	0	0	0	0		0
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	0	0	0	0	0	0		0
2:00	2:15	0	0	0	0	0	0	0	0	14:00	14:15	3	0	0	0	0	3	5	3
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	0	0	0	0	0	0		0
3:00	3:15	0	0	0	0	0	0	0	0	15:00	15:15	3	1	0	0	0	4	5	4
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	0	0	0	0	0	0		0
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	0	16:00	16:15	0	0	0	0	0	0	4	0
4:15	4:30	0	0	0	0	0	0		0	16:15	16:30	4	0	0	0	0	4		4
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	0	0	0	0	0	0		0
5:00	5:15	0	0	0	0	0	0	0	0	17:00	17:15	0	0	0	0	0	0	5	0
5:15	5:30	0	0	0	0	0	0		0	17:15	17:30	5	0	0	0	0	5		5
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	0	0	0	0	0	0		0
6:00	6:15	0	0	0	0	0	0	1	0	18:00	18:15	1	0	0	0	0	1	5	1
6:15	6:30	0	0	0	0	0	0		0	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	0	0	0	1		1
6:45	7:00	0	1	0	0	0	1		1	18:45	19:00	3	0	0	0	0	3		3
7:00	7:15	0	0	0	0	0	0	1	0	19:00	19:15	0	0	0	0	0	0	2	0
7:15	7:30	0	0	0	0	0	0		0	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	1	0	0	0	0	1		1
7:45	8:00	0	0	0	0	0	0		0	19:45	20:00	1	0	0	0	0	1		1
8:00	8:15	2	0	0	0	0	2	2	2	20:00	20:15	0	0	0	0	0	0	2	0
8:15	8:30	0	0	0	0	0	0		0	20:15	20:30	0	0	0	0	0	0		0
8:30	8:45	0	0	0	0	0	0		0	20:30	20:45	2	0	0	0	0	2		2
8:45	9:00	0	0	0	0	0	0		0	20:45	21:00	0	0	0	0	0	0		0
9:00	9:15	2	0	0	0	0	2	4	2	21:00	21:15	1	0	0	0	0	1	2	1
9:15	9:30	0	1	0	0	0	1		1	21:15	21:30	1	0	0	0	0	1		1
9:30	9:45	0	0	0	0	0	0		0	21:30	21:45	0	0	0	0	0	0		0
9:45	10:00	1	0	0	0	0	1		1	21:45	22:00	0	0	0	0	0	0		0
10:00	10:15	0	0	0	0	0	0	1	0	22:00	22:15	0	0	0	0	0	0	1	0
10:15	10:30	0	0	0	0	0	0		0	22:15	22:30	1	0	0	0	0	1		1
10:30	10:45	0	0	0	0	0	0		0	22:30	22:45	0	0	0	0	0	0		0
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	3	0	23:00	23:15	0	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	1	0	0	0	0	1		1	23:30	23:45	0	0	0	0	0	0		0
11:45	12:00	1	0	0	0	0	1		1	23:45	0:00	0	0	0	0	0	0		0

Movimento Contado

2 > 5 Av. Leão XIII (Conversão) em frente R. Arnaldo Victaliano



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	30	3	0	0	0	32	33
1:00	2:00	12	0	0	0	0	12	12
2:00	3:00	7	0	0	0	0	7	7
3:00	4:00	5	0	0	0	0	5	5
4:00	5:00	5	0	0	0	0	5	5
5:00	6:00	5	0	0	0	0	5	5
6:00	7:00	53	4	0	0	0	55	57
7:00	8:00	186	13	1	0	0	195	200
8:00	9:00	141	11	0	0	0	147	152
9:00	10:00	133	10	1	0	0	141	144
10:00	11:00	109	12	2	0	0	120	123
11:00	12:00	189	23	0	0	0	201	212

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	215	30	0	0	0	230	245
13:00	14:00	176	15	2	0	0	189	193
14:00	15:00	143	14	0	0	0	150	157
15:00	16:00	133	11	0	0	0	139	144
16:00	17:00	191	12	0	0	0	197	203
17:00	18:00	273	25	0	1	0	288	299
18:00	19:00	323	39	1	2	0	349	365
19:00	20:00	280	21	0	0	0	291	301
20:00	21:00	220	21	1	0	0	233	242
21:00	22:00	185	17	0	0	0	194	202
22:00	23:00	155	21	0	0	0	166	176
23:00	0:00	57	10	0	0	0	62	67



Movimento Contado

2 &gt; 5

Av. Leão XIII (Conversão) em frente R. Arnaldo Victaliano

## 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	2	0	0	0	9	32	10	12:00	12:15	63	8	0	0	0	67	71	245
0:15	0:30	10	0	0	0	0	10		10	12:15	12:30	60	10	0	0	0	65	70	
0:30	0:45	2	0	0	0	0	2		2	12:30	12:45	50	7	0	0	0	54	57	
0:45	1:00	10	1	0	0	0	11		11	12:45	13:00	42	5	0	0	0	45	47	
1:00	1:15	6	0	0	0	0	6	12	6	13:00	13:15	53	8	0	0	0	57	61	193
1:15	1:30	2	0	0	0	0	2		2	13:15	13:30	45	2	1	0	0	49	48	
1:30	1:45	3	0	0	0	0	3		3	13:30	13:45	40	3	0	0	0	42	43	
1:45	2:00	1	0	0	0	0	1		1	13:45	14:00	38	2	1	0	0	42	41	
2:00	2:15	3	0	0	0	0	3	7	3	14:00	14:15	28	5	0	0	0	31	33	157
2:15	2:30	0	0	0	0	0	0		0	14:15	14:30	39	3	0	0	0	41	42	
2:30	2:45	1	0	0	0	0	1		1	14:30	14:45	42	4	0	0	0	44	46	
2:45	3:00	3	0	0	0	0	3		3	14:45	15:00	34	2	0	0	0	35	36	
3:00	3:15	2	0	0	0	0	2	5	2	15:00	15:15	30	3	0	0	0	32	33	144
3:15	3:30	2	0	0	0	0	2		2	15:15	15:30	25	4	0	0	0	27	29	
3:30	3:45	1	0	0	0	0	1		1	15:30	15:45	38	2	0	0	0	39	40	
3:45	4:00	0	0	0	0	0	0		0	15:45	16:00	40	2	0	0	0	41	42	
4:00	4:15	1	0	0	0	0	1	5	1	16:00	16:15	43	1	0	0	0	44	44	203
4:15	4:30	0	0	0	0	0	0		0	16:15	16:30	42	1	0	0	0	43	43	
4:30	4:45	0	0	0	0	0	0		0	16:30	16:45	45	5	0	0	0	48	50	
4:45	5:00	4	0	0	0	0	4		4	16:45	17:00	61	5	0	0	0	64	66	
5:00	5:15	2	0	0	0	0	2	5	2	17:00	17:15	67	9	0	0	0	72	76	299
5:15	5:30	1	0	0	0	0	1		1	17:15	17:30	65	6	0	0	0	68	71	
5:30	5:45	0	0	0	0	0	0		0	17:30	17:45	76	5	0	0	0	79	81	
5:45	6:00	2	0	0	0	0	2		2	17:45	18:00	65	5	0	1	0	70	71	
6:00	6:15	7	1	0	0	0	8	55	8	18:00	18:15	64	13	0	2	0	75	79	365
6:15	6:30	5	0	0	0	0	5		5	18:15	18:30	100	10	1	0	0	108	111	
6:30	6:45	12	2	0	0	0	13		14	18:30	18:45	87	7	0	0	0	91	94	
6:45	7:00	29	1	0	0	0	30		30	18:45	19:00	72	9	0	0	0	77	81	
7:00	7:15	47	5	0	0	0	50	195	52	19:00	19:15	66	7	0	0	0	70	73	301
7:15	7:30	52	2	1	0	0	56		55	19:15	19:30	87	3	0	0	0	89	90	
7:30	7:45	43	3	0	0	0	45		46	19:30	19:45	77	7	0	0	0	81	84	
7:45	8:00	44	3	0	0	0	46		47	19:45	20:00	50	4	0	0	0	52	54	
8:00	8:15	44	5	0	0	0	47	147	49	20:00	20:15	66	5	0	0	0	69	71	242
8:15	8:30	31	1	0	0	0	32		32	20:15	20:30	54	5	1	0	0	59	60	
8:30	8:45	30	2	0	0	0	31		32	20:30	20:45	55	5	0	0	0	58	60	
8:45	9:00	36	3	0	0	0	38		39	20:45	21:00	45	6	0	0	0	48	51	
9:00	9:15	40	3	0	0	0	42	141	43	21:00	21:15	54	4	0	0	0	56	58	202
9:15	9:30	32	3	0	0	0	34		35	21:15	21:30	47	4	0	0	0	49	51	
9:30	9:45	35	1	1	0	0	38		37	21:30	21:45	39	3	0	0	0	41	42	
9:45	10:00	26	3	0	0	0	28		29	21:45	22:00	45	6	0	0	0	48	51	
10:00	10:15	25	3	0	0	0	27	120	28	22:00	22:15	40	5	0	0	0	43	45	176
10:15	10:30	36	4	1	0	0	41		41	22:15	22:30	55	6	0	0	0	58	61	
10:30	10:45	18	2	0	0	0	19		20	22:30	22:45	37	6	0	0	0	40	43	
10:45	11:00	30	3	1	0	0	34		34	22:45	23:00	23	4	0	0	0	25	27	
11:00	11:15	38	3	0	0	0	40	201	41	23:00	23:15	19	6	0	0	0	22	25	67
11:15	11:30	59	7	0	0	0	63		66	23:15	23:30	16	2	0	0	0	17	18	
11:30	11:45	50	6	0	0	0	53		56	23:30	23:45	11	1	0	0	0	12	12	
11:45	12:00	42	7	0	0	0	46		49	23:45	0:00	11	1	0	0	0	12	12	

Movimento Contado

2 > 6 Av. Leão XIII (Conversão) conv. dir. R. Alfredo Benzoni



Fluxo veicular a cada hora

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

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	15	0	0	2	0	19	17
13:00	14:00	7	3	0	3	0	15	13
14:00	15:00	9	5	0	3	0	18	17
15:00	16:00	6	1	0	2	0	11	9
16:00	17:00	7	2	1	3	0	17	13
17:00	18:00	14	3	0	3	0	22	20
18:00	19:00	13	9	0	2	0	22	24
19:00	20:00	12	5	0	4	0	23	21
20:00	21:00	29	7	0	1	0	35	37
21:00	22:00	36	21	0	1	0	49	58
22:00	23:00	25	8	0	1	0	31	34
23:00	0:00	11	11	0	1	0	19	23

Movimento Contado

2 &gt; 6

Av. Leão XIII (Conversão) conv. dir. R. Alfredo Benzon

## 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	3	0	12:00	12:15	5	0	0	0	0	5	19	5
0:15	0:30	0	0	0	0	0	0		0	12:15	12:30	5	0	0	1	0	7		6
0:30	0:45	0	0	0	1	0	2		1	12:30	12:45	2	0	0	1	0	4		3
0:45	1:00	1	0	0	0	0	1		1	12:45	13:00	3	0	0	0	0	3		3
1:00	1:15	0	0	0	0	0	0	0	0	13:00	13:15	2	0	0	1	0	4	15	3
1:15	1:30	0	0	0	0	0	0		0	13:15	13:30	3	1	0	1	0	6		5
1:30	1:45	0	0	0	0	0	0		0	13:30	13:45	1	0	0	1	0	3		2
1:45	2:00	0	0	0	0	0	0		0	13:45	14:00	1	2	0	0	0	2		3
2:00	2:15	0	0	0	0	0	0	0	0	14:00	14:15	3	1	0	1	0	6	18	5
2:15	2:30	0	0	0	0	0	0		0	14:15	14:30	1	2	0	0	0	2		3
2:30	2:45	0	0	0	0	0	0		0	14:30	14:45	4	1	0	1	0	7		6
2:45	3:00	0	0	0	0	0	0		0	14:45	15:00	1	1	0	1	0	4		3
3:00	3:15	0	0	0	0	0	0	0	0	15:00	15:15	1	0	0	1	0	3	11	2
3:15	3:30	0	0	0	0	0	0		0	15:15	15:30	2	1	0	0	0	3		3
3:30	3:45	0	0	0	0	0	0		0	15:30	15:45	2	0	0	1	0	4		3
3:45	4:00	0	0	0	0	0	0		0	15:45	16:00	1	0	0	0	0	1		1
4:00	4:15	0	0	0	0	0	0	0	0	16:00	16:15	0	0	0	1	0	2	17	1
4:15	4:30	0	0	0	0	0	0		0	16:15	16:30	3	0	1	1	0	8		5
4:30	4:45	0	0	0	0	0	0		0	16:30	16:45	2	1	0	1	0	5		4
4:45	5:00	0	0	0	0	0	0		0	16:45	17:00	2	1	0	0	0	3		3
5:00	5:15	0	0	0	0	0	0	0	0	17:00	17:15	3	0	0	1	0	5	22	4
5:15	5:30	0	0	0	0	0	0		0	17:15	17:30	4	0	0	1	0	6		5
5:30	5:45	0	0	0	0	0	0		0	17:30	17:45	3	1	0	0	0	4		4
5:45	6:00	0	0	0	0	0	0		0	17:45	18:00	4	2	0	1	0	7		7
6:00	6:15	1	0	0	1	0	3	12	2	18:00	18:15	5	4	0	0	0	7	22	9
6:15	6:30	0	0	0	1	0	2		1	18:15	18:30	5	2	0	1	0	8		8
6:30	6:45	0	0	0	0	0	0		0	18:30	18:45	1	1	0	1	0	4		3
6:45	7:00	4	1	0	1	0	7		6	18:45	19:00	2	2	0	0	0	3		4
7:00	7:15	4	0	0	1	0	6	15	5	19:00	19:15	1	2	0	1	0	4	23	4
7:15	7:30	0	0	0	0	0	0		0	19:15	19:30	2	0	0	1	0	4		3
7:30	7:45	2	0	0	1	0	4		3	19:30	19:45	8	3	0	1	0	12		12
7:45	8:00	2	2	0	1	0	5		5	19:45	20:00	1	0	0	1	0	3		2
8:00	8:15	1	1	0	0	0	2	12	2	20:00	20:15	4	0	0	0	0	4	35	4
8:15	8:30	0	1	0	2	0	5		3	20:15	20:30	6	5	0	1	0	11		12
8:30	8:45	0	0	0	0	0	0		0	20:30	20:45	9	1	0	0	0	10		10
8:45	9:00	4	0	0	1	0	6		5	20:45	21:00	10	1	0	0	0	11		11
9:00	9:15	6	0	1	0	0	9	17	7	21:00	21:15	16	4	0	0	0	18	49	20
9:15	9:30	0	1	0	1	0	3		2	21:15	21:30	4	11	0	1	0	12		16
9:30	9:45	1	0	0	0	0	1		1	21:30	21:45	10	2	0	0	0	11		12
9:45	10:00	2	1	0	1	0	5		4	21:45	22:00	6	4	0	0	0	8		10
10:00	10:15	0	0	0	0	0	0	5	0	22:00	22:15	9	2	0	0	0	10	31	11
10:15	10:30	1	0	0	1	0	3		2	22:15	22:30	5	2	0	1	0	8		8
10:30	10:45	2	0	0	0	0	2		2	22:30	22:45	6	2	0	0	0	7		8
10:45	11:00	0	0	0	0	0	0		0	22:45	23:00	5	2	0	0	0	6		7
11:00	11:15	2	1	0	1	0	5	16	4	23:00	23:15	4	2	0	0	0	5	19	6
11:15	11:30	2	0	0	0	0	2		2	23:15	23:30	0	2	0	1	0	3		3
11:30	11:45	2	1	0	1	0	5		4	23:30	23:45	3	6	0	0	0	6		9
11:45	12:00	2	1	0	1	0	5		4	23:45	0:00	4	1	0	0	0	5		5



Movimento Contado

2 > 7 Av. Leão XIII (Conversão) conv. esq. R. Alfredo Benzoni



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	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	1	0	0	1	0	3	2
6:00	7:00	1	0	0	1	0	3	2
7:00	8:00	6	0	1	3	0	15	10
8:00	9:00	6	0	1	2	0	13	9
9:00	10:00	8	0	0	2	0	12	10
10:00	11:00	7	1	0	2	0	12	10
11:00	12:00	10	1	0	1	0	13	12

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



Movimento Contado

2 &gt; 7

Av. Leão XIII (Conversão) conv. esq. R. Alfredo Benzoni

## 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	2	0	12:00	12:15	3	0	1	1	0	8	24	5
0:15	0:30	1	0	0	0	0	1		1	12:15	12:30	8	1	0	0	0	9		9
0:30	0:45	1	0	0	0	0	1		1	12:30	12:45	3	0	0	2	0	7		5
0:45	1:00	0	0	0	0	0	0		0	12:45	13:00	1	0	0	0	0	1		1
1:00	1:15	0	0	0	0	0	0	1	0	13:00	13:15	1	0	0	1	0	3	16	2
1:15	1:30	0	0	0	0	0	0		0	13:15	13:30	5	1	0	0	0	6		6
1:30	1:45	0	0	0	0	0	0		0	13:30	13:45	4	0	0	0	0	4		4
1:45	2:00	1	0	0	0	0	1		1	13:45	14:00	1	0	0	1	0	3		2
2:00	2:15	0	0	0	0	0	0	0	0	14:00	14:15	4	0	0	0	0	4	10	4
2:15	2:30	0	0	0	0	0	0		0	14:15	14:30	0	0	0	2	0	4		2
2:30	2:45	0	0	0	0	0	0		0	14:30	14:45	0	0	0	0	0	0		0
2:45	3:00	0	0	0	0	0	0		0	14:45	15:00	0	0	0	1	0	2		1
3:00	3:15	0	0	0	0	0	0	0	0	15:00	15:15	0	0	0	0	0	0	9	0
3:15	3:30	0	0	0	0	0	0		0	15:15	15:30	2	0	0	0	0	2		2
3:30	3:45	0	0	0	0	0	0		0	15:30	15:45	2	0	0	1	0	4		3
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	0	16:00	16:15	1	0	0	0	0	1	18	1
4:15	4:30	0	0	0	0	0	0		0	16:15	16:30	2	0	0	3	0	8		5
4:30	4:45	0	0	0	0	0	0		0	16:30	16:45	2	0	0	1	0	4		3
4:45	5:00	0	0	0	0	0	0		0	16:45	17:00	3	0	0	1	0	5		4
5:00	5:15	1	0	0	0	0	1	3	1	17:00	17:15	3	0	0	0	0	3	28	3
5:15	5:30	0	0	0	0	0	0		0	17:15	17:30	7	0	0	3	0	13		10
5:30	5:45	0	0	0	0	0	0		0	17:30	17:45	6	0	0	0	0	6		6
5:45	6:00	0	0	0	1	0	2		1	17:45	18:00	4	0	0	1	0	6		5
6:00	6:15	0	0	0	0	0	0	3	0	18:00	18:15	5	0	0	0	0	5	14	5
6:15	6:30	0	0	0	0	0	0		0	18:15	18:30	1	0	0	0	0	1		1
6:30	6:45	0	0	0	0	0	0		0	18:30	18:45	4	0	0	1	0	6		5
6:45	7:00	1	0	0	1	0	3		2	18:45	19:00	2	0	0	0	0	2		2
7:00	7:15	0	0	0	0	0	0	15	0	19:00	19:15	1	0	0	1	0	3	10	2
7:15	7:30	4	0	0	1	0	6		5	19:15	19:30	4	0	0	0	0	4		4
7:30	7:45	1	0	0	0	0	1		1	19:30	19:45	1	0	0	1	0	3		2
7:45	8:00	1	0	1	2	0	8		4	19:45	20:00	0	0	0	0	0	0		0
8:00	8:15	1	0	0	0	0	1	13	1	20:00	20:15	5	0	0	0	0	5	14	5
8:15	8:30	2	0	0	1	0	4		3	20:15	20:30	5	0	0	0	0	5		5
8:30	8:45	2	0	0	1	0	4		3	20:30	20:45	1	0	0	1	0	3		2
8:45	9:00	1	0	1	0	0	4		2	20:45	21:00	1	0	0	0	0	1		1
9:00	9:15	0	0	0	1	0	2	12	1	21:00	21:15	5	1	0	0	0	6	19	6
9:15	9:30	2	0	0	0	0	2		2	21:15	21:30	6	0	0	0	0	6		6
9:30	9:45	3	0	0	0	0	3		3	21:30	21:45	2	0	0	1	0	4		3
9:45	10:00	3	0	0	1	0	5		4	21:45	22:00	3	0	0	0	0	3		3
10:00	10:15	4	0	0	0	0	4	12	4	22:00	22:15	3	0	0	0	0	3	12	3
10:15	10:30	2	1	0	1	0	5		4	22:15	22:30	2	0	0	0	0	2		2
10:30	10:45	0	0	0	0	0	0		0	22:30	22:45	2	0	0	1	0	4		3
10:45	11:00	1	0	0	1	0	3		2	22:45	23:00	3	0	0	0	0	3		3
11:00	11:15	0	0	0	0	0	0	13	0	23:00	23:15	1	0	0	0	0	1	7	1
11:15	11:30	5	1	0	1	0	8		7	23:15	23:30	2	0	0	0	0	2		2
11:30	11:45	2	0	0	0	0	2		2	23:30	23:45	0	0	0	1	0	2		1
11:45	12:00	3	0	0	0	0	3		3	23:45	0:00	2	0	0	0	0	2		2

Movimento Contado

5 > 6 R. Arnaldo Victaliano conv. esq. R. Alfredo Benzoni



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	5	3	0	0	0	7	8
1:00	2:00	5	1	0	0	0	6	6
2:00	3:00	1	1	0	0	0	2	2
3:00	4:00	0	2	0	0	0	1	2
4:00	5:00	5	0	0	0	0	5	5
5:00	6:00	5	1	0	1	0	8	7
6:00	7:00	16	2	0	1	0	19	19
7:00	8:00	55	10	0	0	0	60	65
8:00	9:00	60	5	1	0	0	65	66
9:00	10:00	58	14	0	0	0	65	72
10:00	11:00	39	5	1	0	0	44	45
11:00	12:00	51	9	1	0	0	58	61

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	56	12	0	0	0	62	68
13:00	14:00	52	12	1	0	0	61	65
14:00	15:00	65	11	0	0	0	71	76
15:00	16:00	65	20	1	0	0	78	86
16:00	17:00	39	8	1	0	0	46	48
17:00	18:00	66	11	1	0	0	74	78
18:00	19:00	51	6	0	0	0	54	57
19:00	20:00	42	5	0	0	0	45	47
20:00	21:00	63	6	0	0	0	66	69
21:00	22:00	32	9	0	0	0	37	41
22:00	23:00	23	5	0	0	0	26	28
23:00	0:00	15	6	0	0	0	18	21

Movimento Contado

5 &gt; 6

R. Arnaldo Victaliano conv. esq. R. Alfredo Benzon

## 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	0	0	3	3	7	12:00	12:15	7	3	0	0	0	9	10	68
0:15	0:30	1	1	0	0	0	2	2		12:15	12:30	14	3	0	0	0	16	17	
0:30	0:45	1	1	0	0	0	2	2		12:30	12:45	12	2	0	0	0	13	14	
0:45	1:00	1	0	0	0	0	1	1		12:45	13:00	23	4	0	0	0	25	27	
1:00	1:15	1	0	0	0	0	1	1	6	13:00	13:15	15	4	1	0	0	20	20	65
1:15	1:30	1	1	0	0	0	2	2		13:15	13:30	15	4	0	0	0	17	19	
1:30	1:45	1	0	0	0	0	1	1		13:30	13:45	11	1	0	0	0	12	12	
1:45	2:00	2	0	0	0	0	2	2		13:45	14:00	11	3	0	0	0	13	14	
2:00	2:15	0	0	0	0	0	0	0	2	14:00	14:15	15	2	0	0	0	16	17	76
2:15	2:30	0	0	0	0	0	0	0		14:15	14:30	21	1	0	0	0	22	22	
2:30	2:45	0	1	0	0	0	1	1		14:30	14:45	12	5	0	0	0	15	17	
2:45	3:00	1	0	0	0	0	1	1		14:45	15:00	17	3	0	0	0	19	20	
3:00	3:15	0	1	0	0	0	1	1	1	15:00	15:15	11	6	1	0	0	17	18	86
3:15	3:30	0	1	0	0	0	1	1		15:15	15:30	20	9	0	0	0	25	29	
3:30	3:45	0	0	0	0	0	0	0		15:30	15:45	18	2	0	0	0	19	20	
3:45	4:00	0	0	0	0	0	0	0		15:45	16:00	16	3	0	0	0	18	19	
4:00	4:15	1	0	0	0	0	1	1	5	16:00	16:15	10	0	0	0	0	10	10	48
4:15	4:30	3	0	0	0	0	3	3		16:15	16:30	9	2	0	0	0	10	11	
4:30	4:45	0	0	0	0	0	0	0		16:30	16:45	10	3	1	0	0	14	14	
4:45	5:00	1	0	0	0	0	1	1		16:45	17:00	10	3	0	0	0	12	13	
5:00	5:15	2	0	0	0	0	2	2	8	17:00	17:15	17	4	0	0	0	19	21	78
5:15	5:30	2	0	0	0	0	2	2		17:15	17:30	11	1	1	0	0	14	13	
5:30	5:45	0	1	0	1	0	3	2		17:30	17:45	24	4	0	0	0	26	28	
5:45	6:00	1	0	0	0	0	1	1		17:45	18:00	14	2	0	0	0	15	16	
6:00	6:15	4	0	0	0	0	4	4	19	18:00	18:15	13	0	0	0	0	13	13	57
6:15	6:30	2	0	0	0	0	2	2		18:15	18:30	9	2	0	0	0	10	11	
6:30	6:45	3	0	0	1	0	5	4		18:30	18:45	14	0	0	0	0	14	14	
6:45	7:00	7	2	0	0	0	8	9		18:45	19:00	15	4	0	0	0	17	19	
7:00	7:15	12	1	0	0	0	13	13	60	19:00	19:15	12	1	0	0	0	13	13	47
7:15	7:30	10	4	0	0	0	12	14		19:15	19:30	10	1	0	0	0	11	11	
7:30	7:45	12	2	0	0	0	13	14		19:30	19:45	8	2	0	0	0	9	10	
7:45	8:00	21	3	0	0	0	23	24		19:45	20:00	12	1	0	0	0	13	13	
8:00	8:15	12	2	0	0	0	13	14	65	20:00	20:15	18	2	0	0	0	19	20	69
8:15	8:30	15	0	1	0	0	18	16		20:15	20:30	10	1	0	0	0	11	11	
8:30	8:45	14	2	0	0	0	15	16		20:30	20:45	11	2	0	0	0	12	13	
8:45	9:00	19	1	0	0	0	20	20		20:45	21:00	24	1	0	0	0	25	25	
9:00	9:15	19	6	0	0	0	22	25	65	21:00	21:15	12	2	0	0	0	13	14	41
9:15	9:30	16	3	0	0	0	18	19		21:15	21:30	9	3	0	0	0	11	12	
9:30	9:45	12	2	0	0	0	13	14		21:30	21:45	5	3	0	0	0	7	8	
9:45	10:00	11	3	0	0	0	13	14		21:45	22:00	6	1	0	0	0	7	7	
10:00	10:15	11	3	0	0	0	13	14	44	22:00	22:15	6	3	0	0	0	8	9	28
10:15	10:30	5	2	1	0	0	9	8		22:15	22:30	5	0	0	0	0	5	5	
10:30	10:45	12	0	0	0	0	12	12		22:30	22:45	7	0	0	0	0	7	7	
10:45	11:00	11	0	0	0	0	11	11		22:45	23:00	5	2	0	0	0	6	7	
11:00	11:15	10	1	1	0	0	13	12	58	23:00	23:15	3	2	0	0	0	4	5	21
11:15	11:30	11	3	0	0	0	13	14		23:15	23:30	4	1	0	0	0	5	5	
11:30	11:45	13	4	0	0	0	15	17		23:30	23:45	3	1	0	0	0	4	4	
11:45	12:00	17	1	0	0	0	18	18		23:45	0:00	5	2	0	0	0	6	7	



Movimento Contado

5 > 7 R. Arnaldo Victaliano conv. dir. R. Alfredo Benzoni



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	20	3	0	0	0	22	23
1:00	2:00	6	0	0	0	0	6	6
2:00	3:00	3	0	0	0	0	3	3
3:00	4:00	4	0	0	0	0	4	4
4:00	5:00	0	1	0	0	0	1	1
5:00	6:00	15	2	0	0	0	16	17
6:00	7:00	92	14	1	4	0	110	111
7:00	8:00	319	32	0	0	0	335	351
8:00	9:00	249	19	0	0	0	259	268
9:00	10:00	181	17	0	0	0	190	198
10:00	11:00	133	20	2	0	0	148	155
11:00	12:00	168	19	5	0	0	190	192

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	228	31	0	1	0	246	260
13:00	14:00	200	30	0	0	0	215	230
14:00	15:00	182	19	1	0	0	194	202
15:00	16:00	163	14	2	0	0	175	179
16:00	17:00	173	15	0	0	0	181	188
17:00	18:00	245	27	1	0	0	261	273
18:00	19:00	370	30	0	1	0	387	401
19:00	20:00	235	23	0	0	0	247	258
20:00	21:00	213	21	0	0	0	224	234
21:00	22:00	142	12	0	0	0	148	154
22:00	23:00	115	9	0	0	0	120	124
23:00	0:00	41	3	0	0	0	43	44

Movimento Contado

5 &gt; 7

R. Arnaldo Victaliano conv. dir. R. Alfredo Benzoni

## 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	1	0	0	0	9	22	9	12:00	12:15	52	10	0	0	0	57	246	62
0:15	0:30	6	1	0	0	0	7		7	12:15	12:30	53	7	0	1	0	59		61
0:30	0:45	2	1	0	0	0	3		3	12:30	12:45	60	7	0	0	0	64		67
0:45	1:00	4	0	0	0	0	4		4	12:45	13:00	63	7	0	0	0	67		70
1:00	1:15	1	0	0	0	0	1	6	1	13:00	13:15	64	7	0	0	0	68	215	71
1:15	1:30	2	0	0	0	0	2		2	13:15	13:30	49	10	0	0	0	54		59
1:30	1:45	3	0	0	0	0	3		3	13:30	13:45	39	6	0	0	0	42		45
1:45	2:00	0	0	0	0	0	0		0	13:45	14:00	48	7	0	0	0	52		55
2:00	2:15	1	0	0	0	0	1	3	1	14:00	14:15	42	8	1	0	0	49	194	51
2:15	2:30	1	0	0	0	0	1		1	14:15	14:30	47	2	0	0	0	48		49
2:30	2:45	1	0	0	0	0	1		1	14:30	14:45	49	6	0	0	0	52		55
2:45	3:00	0	0	0	0	0	0		0	14:45	15:00	44	3	0	0	0	46		47
3:00	3:15	2	0	0	0	0	2	4	2	15:00	15:15	41	5	2	0	0	49	175	48
3:15	3:30	2	0	0	0	0	2		2	15:15	15:30	42	4	0	0	0	44		46
3:30	3:45	0	0	0	0	0	0		0	15:30	15:45	30	3	0	0	0	32		33
3:45	4:00	0	0	0	0	0	0		0	15:45	16:00	50	2	0	0	0	51		52
4:00	4:15	0	0	0	0	0	0	1	0	16:00	16:15	44	3	0	0	0	46	181	47
4:15	4:30	0	0	0	0	0	0		0	16:15	16:30	36	3	0	0	0	38		39
4:30	4:45	0	0	0	0	0	0		0	16:30	16:45	37	4	0	0	0	39		41
4:45	5:00	0	1	0	0	0	1		1	16:45	17:00	56	5	0	0	0	59		61
5:00	5:15	0	0	0	0	0	0	16	0	17:00	17:15	55	8	1	0	0	62	261	64
5:15	5:30	2	0	0	0	0	2		2	17:15	17:30	49	4	0	0	0	51		53
5:30	5:45	2	0	0	0	0	2		2	17:30	17:45	70	7	0	0	0	74		77
5:45	6:00	11	2	0	0	0	12		13	17:45	18:00	71	8	0	0	0	75		79
6:00	6:15	8	0	0	0	0	8	110	8	18:00	18:15	93	9	0	1	0	100	387	103
6:15	6:30	10	2	1	1	0	16		14	18:15	18:30	90	8	0	0	0	94		98
6:30	6:45	24	4	0	0	0	26		28	18:30	18:45	93	9	0	0	0	98		102
6:45	7:00	50	8	0	3	0	60		61	18:45	19:00	94	4	0	0	0	96		98
7:00	7:15	73	6	0	0	0	76	335	79	19:00	19:15	84	8	0	0	0	88	247	92
7:15	7:30	71	6	0	0	0	74		77	19:15	19:30	66	3	0	0	0	68		69
7:30	7:45	82	8	0	0	0	86		90	19:30	19:45	35	4	0	0	0	37		39
7:45	8:00	93	12	0	0	0	99		105	19:45	20:00	50	8	0	0	0	54		58
8:00	8:15	73	6	0	0	0	76	259	79	20:00	20:15	47	7	0	0	0	51	224	54
8:15	8:30	62	7	0	0	0	66		69	20:15	20:30	45	6	0	0	0	48		51
8:30	8:45	59	1	0	0	0	60		60	20:30	20:45	34	4	0	0	0	36		38
8:45	9:00	55	5	0	0	0	58		60	20:45	21:00	87	4	0	0	0	89		91
9:00	9:15	33	2	0	0	0	34	190	35	21:00	21:15	41	3	0	0	0	43	148	44
9:15	9:30	39	3	0	0	0	41		42	21:15	21:30	31	2	0	0	0	32		33
9:30	9:45	50	6	0	0	0	53		56	21:30	21:45	38	3	0	0	0	40		41
9:45	10:00	59	6	0	0	0	62		65	21:45	22:00	32	4	0	0	0	34		36
10:00	10:15	30	5	0	0	0	33	148	35	22:00	22:15	29	5	0	0	0	32	120	34
10:15	10:30	35	3	1	0	0	39		39	22:15	22:30	34	0	0	0	0	34		34
10:30	10:45	33	6	1	0	0	39		40	22:30	22:45	25	1	0	0	0	26		26
10:45	11:00	35	6	0	0	0	38		41	22:45	23:00	27	3	0	0	0	29		30
11:00	11:15	30	4	2	0	0	37	190	36	23:00	23:15	13	0	0	0	0	13	43	13
11:15	11:30	34	4	2	0	0	41		40	23:15	23:30	11	0	0	0	0	11		11
11:30	11:45	47	8	0	0	0	51		55	23:30	23:45	8	2	0	0	0	9		10
11:45	12:00	57	3	1	0	0	61		61	23:45	0:00	9	1	0	0	0	10		10



Movimento Contado

6 > 5 R. Alfredo Benzoni conv. dir. R. Arnaldo Victaliano



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	11	4	0	0	0	13	15
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	1	0	2	1
6:00	7:00	4	1	0	0	0	5	5
7:00	8:00	21	2	0	0	0	22	23
8:00	9:00	27	3	1	0	0	31	31
9:00	10:00	42	1	0	0	0	43	43
10:00	11:00	17	2	2	0	0	23	21
11:00	12:00	38	8	1	0	0	45	47

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	35	2	0	0	0	36	37
13:00	14:00	32	2	0	0	0	33	34
14:00	15:00	26	0	1	0	0	29	27
15:00	16:00	35	11	2	0	0	46	48
16:00	17:00	42	6	0	1	0	47	49
17:00	18:00	46	6	0	0	0	49	52
18:00	19:00	52	6	1	0	0	58	59
19:00	20:00	35	0	0	0	0	35	35
20:00	21:00	26	1	1	0	0	29	28
21:00	22:00	39	3	0	0	0	41	42
22:00	23:00	31	2	0	0	0	32	33
23:00	0:00	6	2	0	0	0	7	8

Movimento Contado

6 &gt; 5

R. Alfredo Benzoni conv. dir. R. Arnaldo Victaliano

## 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	6	1	0	0	0	7	13	7	12:00	12:15	9	1	0	0	0	10	36	10
0:15	0:30	4	2	0	0	0	5		6	12:15	12:30	8	0	0	0	0	8		8
0:30	0:45	1	0	0	0	0	1		1	12:30	12:45	9	1	0	0	0	10		10
0:45	1:00	0	1	0	0	0	1		1	12:45	13:00	9	0	0	0	0	9		9
1:00	1:15	1	0	0	0	0	1	1	1	13:00	13:15	7	1	0	0	0	8	33	8
1:15	1:30	0	0	0	0	0	0		0	13:15	13:30	8	1	0	0	0	9		9
1:30	1:45	0	0	0	0	0	0		0	13:30	13:45	13	0	0	0	0	13		13
1:45	2:00	0	0	0	0	0	0		0	13:45	14:00	4	0	0	0	0	4		4
2:00	2:15	0	0	0	0	0	0	0	0	14:00	14:15	10	0	0	0	0	10	29	10
2:15	2:30	0	0	0	0	0	0		0	14:15	14:30	4	0	1	0	0	7		5
2:30	2:45	0	0	0	0	0	0		0	14:30	14:45	7	0	0	0	0	7		7
2:45	3:00	0	0	0	0	0	0		0	14:45	15:00	5	0	0	0	0	5		5
3:00	3:15	0	0	0	0	0	0	0	0	15:00	15:15	3	0	2	0	0	8	46	5
3:15	3:30	0	0	0	0	0	0		0	15:15	15:30	12	5	0	0	0	15		17
3:30	3:45	0	0	0	0	0	0		0	15:30	15:45	12	2	0	0	0	13		14
3:45	4:00	0	0	0	0	0	0		0	15:45	16:00	8	4	0	0	0	10		12
4:00	4:15	0	0	0	0	0	0	0	0	16:00	16:15	13	1	0	0	0	14	47	14
4:15	4:30	0	0	0	0	0	0		0	16:15	16:30	13	0	0	0	0	13		13
4:30	4:45	0	0	0	0	0	0		0	16:30	16:45	9	3	0	1	0	13		13
4:45	5:00	0	0	0	0	0	0		0	16:45	17:00	7	2	0	0	0	8		9
5:00	5:15	0	0	0	0	0	0	2	0	17:00	17:15	11	0	0	0	0	11	49	11
5:15	5:30	0	0	0	0	0	0		0	17:15	17:30	12	2	0	0	0	13		14
5:30	5:45	0	0	0	0	0	0		0	17:30	17:45	8	3	0	0	0	10		11
5:45	6:00	0	0	0	1	0	2		1	17:45	18:00	15	1	0	0	0	16		16
6:00	6:15	1	0	0	0	0	1	5	1	18:00	18:15	12	3	0	0	0	14	58	15
6:15	6:30	0	0	0	0	0	0		0	18:15	18:30	15	1	1	0	0	18		17
6:30	6:45	1	1	0	0	0	2		2	18:30	18:45	15	1	0	0	0	16		16
6:45	7:00	2	0	0	0	0	2		2	18:45	19:00	10	1	0	0	0	11		11
7:00	7:15	2	0	0	0	0	2	22	2	19:00	19:15	8	0	0	0	0	8	35	8
7:15	7:30	4	1	0	0	0	5		5	19:15	19:30	10	0	0	0	0	10		10
7:30	7:45	11	0	0	0	0	11		11	19:30	19:45	10	0	0	0	0	10		10
7:45	8:00	4	1	0	0	0	5		5	19:45	20:00	7	0	0	0	0	7		7
8:00	8:15	8	0	0	0	0	8	31	8	20:00	20:15	5	0	0	0	0	5	29	5
8:15	8:30	5	0	0	0	0	5		5	20:15	20:30	10	0	1	0	0	13		11
8:30	8:45	8	3	1	0	0	12		12	20:30	20:45	3	1	0	0	0	4		4
8:45	9:00	6	0	0	0	0	6		6	20:45	21:00	8	0	0	0	0	8		8
9:00	9:15	9	0	0	0	0	9	43	9	21:00	21:15	9	1	0	0	0	10	41	10
9:15	9:30	10	0	0	0	0	10		10	21:15	21:30	9	0	0	0	0	9		9
9:30	9:45	6	0	0	0	0	6		6	21:30	21:45	10	0	0	0	0	10		10
9:45	10:00	17	1	0	0	0	18		18	21:45	22:00	11	2	0	0	0	12		13
10:00	10:15	3	0	1	0	0	6	23	4	22:00	22:15	6	0	0	0	0	6	32	6
10:15	10:30	4	1	1	0	0	7		6	22:15	22:30	13	1	0	0	0	14		14
10:30	10:45	6	1	0	0	0	7		7	22:30	22:45	4	0	0	0	0	4		4
10:45	11:00	4	0	0	0	0	4		4	22:45	23:00	8	1	0	0	0	9		9
11:00	11:15	7	2	0	0	0	8	45	9	23:00	23:15	2	2	0	0	0	3	7	4
11:15	11:30	8	1	0	0	0	9		9	23:15	23:30	1	0	0	0	0	1		1
11:30	11:45	8	4	1	0	0	13		13	23:30	23:45	3	0	0	0	0	3		3
11:45	12:00	15	1	0	0	0	16		16	23:45	0:00	0	0	0	0	0	0		0



Movimento Contado

6 > 7 R. Alfredo Benzoni em frente



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	8	2	0	0	0	9	10
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	3	0	0	0	0	3	3
6:00	7:00	37	5	1	3	0	48	46
7:00	8:00	136	15	1	3	0	152	155
8:00	9:00	67	7	1	2	0	77	77
9:00	10:00	43	4	0	3	0	51	50
10:00	11:00	49	2	0	2	0	54	53
11:00	12:00	62	5	1	2	0	71	70

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	89	3	1	3	0	99	96
13:00	14:00	61	8	1	3	0	74	73
14:00	15:00	50	7	1	3	0	62	61
15:00	16:00	45	6	1	2	0	55	54
16:00	17:00	45	7	0	2	0	53	54
17:00	18:00	91	11	0	3	0	103	105
18:00	19:00	88	12	1	2	0	101	103
19:00	20:00	53	10	0	3	0	64	66
20:00	21:00	48	14	0	1	0	57	63
21:00	22:00	39	5	0	1	0	44	45
22:00	23:00	35	7	0	0	0	39	42
23:00	0:00	21	6	0	1	0	26	28

Movimento Contado

6 &gt; 7

R. Alfredo Benzoni 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	5	1	0	0	0	6	9	6	12:00	12:15	17	0	0	1	0	19	99	18
0:15	0:30	0	1	0	0	0	1		1	12:15	12:30	20	1	1	1	0	25		23
0:30	0:45	3	0	0	0	0	3		3	12:30	12:45	16	1	0	1	0	19		18
0:45	1:00	0	0	0	0	0	0		0	12:45	13:00	36	1	0	0	0	37		37
1:00	1:15	1	0	0	0	0	1	2	1	13:00	13:15	21	3	1	1	0	27	74	26
1:15	1:30	1	0	0	0	0	1		1	13:15	13:30	13	1	0	1	0	16		15
1:30	1:45	0	0	0	0	0	0		0	13:30	13:45	14	1	0	0	0	15		15
1:45	2:00	0	0	0	0	0	0		0	13:45	14:00	13	3	0	1	0	17		17
2:00	2:15	0	0	0	0	0	0	2	0	14:00	14:15	14	2	0	1	0	17	62	17
2:15	2:30	1	0	0	0	0	1		1	14:15	14:30	12	0	0	0	0	12		12
2:30	2:45	0	0	0	0	0	0		0	14:30	14:45	11	1	0	1	0	14		13
2:45	3:00	1	0	0	0	0	1		1	14:45	15:00	13	4	1	1	0	20		19
3:00	3:15	0	0	0	0	0	0	0	0	15:00	15:15	10	0	0	1	0	12	55	11
3:15	3:30	0	0	0	0	0	0		0	15:15	15:30	10	2	1	0	0	14		13
3:30	3:45	0	0	0	0	0	0		0	15:30	15:45	12	1	0	1	0	15		14
3:45	4:00	0	0	0	0	0	0		0	15:45	16:00	13	3	0	0	0	15		16
4:00	4:15	0	0	0	0	0	0	0	0	16:00	16:15	8	0	0	1	0	10	53	9
4:15	4:30	0	0	0	0	0	0		0	16:15	16:30	13	1	0	1	0	16		15
4:30	4:45	0	0	0	0	0	0		0	16:30	16:45	11	1	0	0	0	12		12
4:45	5:00	0	0	0	0	0	0		0	16:45	17:00	13	5	0	0	0	16		18
5:00	5:15	0	0	0	0	0	0	3	0	17:00	17:15	18	1	0	1	0	21	103	20
5:15	5:30	0	0	0	0	0	0		0	17:15	17:30	24	3	0	1	0	28		28
5:30	5:45	0	0	0	0	0	0		0	17:30	17:45	26	4	0	0	0	28		30
5:45	6:00	3	0	0	0	0	3		3	17:45	18:00	23	3	0	1	0	27		27
6:00	6:15	2	1	0	1	0	5	48	4	18:00	18:15	23	4	1	0	0	28	101	28
6:15	6:30	2	2	0	1	0	5		5	18:15	18:30	21	3	0	1	0	25		25
6:30	6:45	10	0	0	0	0	10		10	18:30	18:45	23	2	0	0	0	24		25
6:45	7:00	23	2	1	1	0	29		27	18:45	19:00	21	3	0	1	0	25		25
7:00	7:15	36	1	0	0	0	37	152	37	19:00	19:15	17	5	0	1	0	22	64	23
7:15	7:30	30	1	0	1	0	33		32	19:15	19:30	15	2	0	1	0	18		18
7:30	7:45	31	6	0	1	0	36		38	19:30	19:45	9	2	0	1	0	12		12
7:45	8:00	39	7	1	1	0	47		48	19:45	20:00	12	1	0	0	0	13		13
8:00	8:15	25	2	0	1	0	28	77	28	20:00	20:15	9	7	0	1	0	15	57	17
8:15	8:30	16	1	1	0	0	19		18	20:15	20:30	15	1	0	0	0	16		16
8:30	8:45	12	2	0	1	0	15		15	20:30	20:45	8	2	0	0	0	9		10
8:45	9:00	14	2	0	0	0	15		16	20:45	21:00	16	4	0	0	0	18		20
9:00	9:15	8	0	0	1	0	10	51	9	21:00	21:15	5	1	0	1	0	8	44	7
9:15	9:30	10	1	0	1	0	13		12	21:15	21:30	11	1	0	0	0	12		12
9:30	9:45	14	2	0	1	0	17		17	21:30	21:45	6	2	0	0	0	7		8
9:45	10:00	11	1	0	0	0	12		12	21:45	22:00	17	1	0	0	0	18		18
10:00	10:15	14	0	0	1	0	16	54	15	22:00	22:15	12	2	0	0	0	13	39	14
10:15	10:30	7	0	0	0	0	7		7	22:15	22:30	10	1	0	0	0	11		11
10:30	10:45	14	0	0	1	0	16		15	22:30	22:45	9	3	0	0	0	11		12
10:45	11:00	14	2	0	0	0	15		16	22:45	23:00	4	1	0	0	0	5		5
11:00	11:15	12	2	1	0	0	16	71	15	23:00	23:15	6	3	0	1	0	10	26	10
11:15	11:30	19	3	0	1	0	23		23	23:15	23:30	5	1	0	0	0	6		6
11:30	11:45	16	0	0	1	0	18		17	23:30	23:45	4	2	0	0	0	5		6
11:45	12:00	15	0	0	0	0	15		15	23:45	0:00	6	0	0	0	0	6		6