

# **RELATÓRIO DE PESQUISAS**

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

**083 - Av. Nove de Julho x R. São José**

**Ref.: RT-4378-01-200-3J21-083\_A**



**Ribeirão Preto - SP**

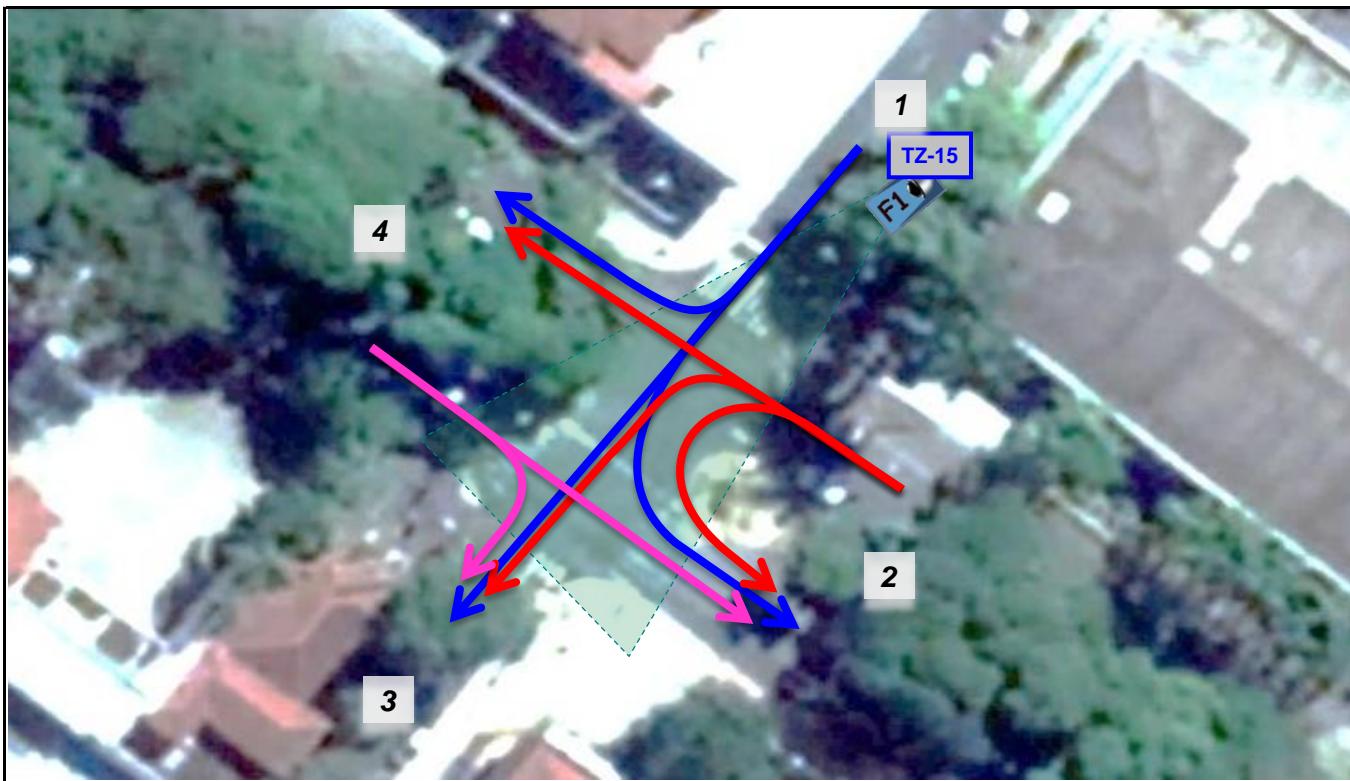
**Dezembro de 2018**

Responsável Técnico:

Fábio de Campos Bittencourt

CREA Nº:

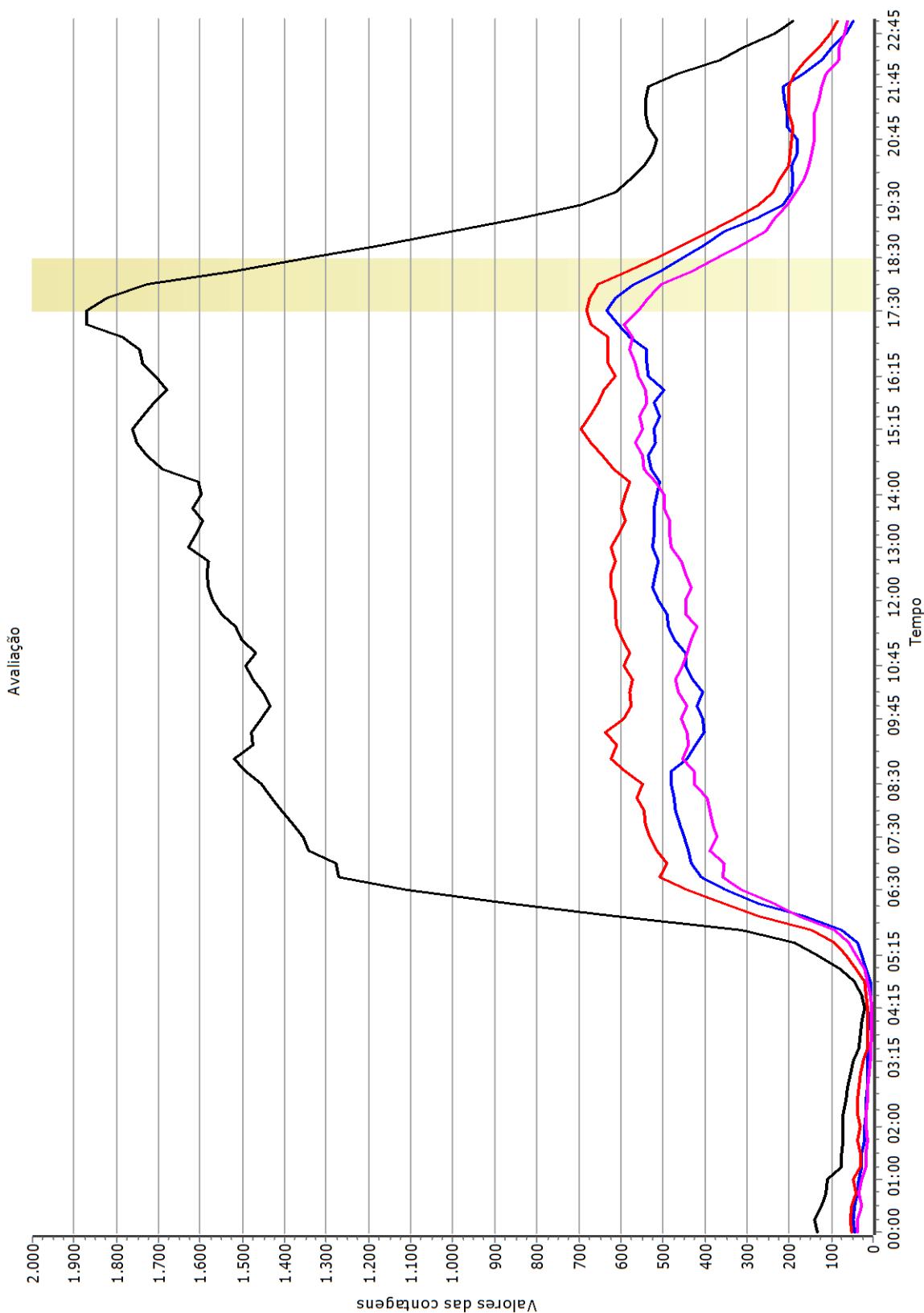
ART 28027230181266891

**Croquis****083 - Av. Nove de Julho x R. São José****Vídeos****Movimentos Contados**

- |       |   |
|-------|---|
| 1 > 2 | R. São José conv à esq. Av. Nove de Julho |
| 1 > 3 | R. São José em frente                     |
| 1 > 4 | R. São José conv à dir. Av. Nove de Julho |
| 2 > 2 | Av. Nove de Julho Retorno                 |
| 2 > 3 | Av. Nove de Julho conv à esq. R. São José |
| 2 > 4 | Av. Nove de Julho em frente               |
| 4 > 2 | Av. Nove de Julho em frente               |
| 4 > 3 | Av. Nove de Julho conv à dir. R. São José |

## Perfil Horário 083 - Av. Nove de Julho x R. São José

— PCU  
— perna 1 PCU  
— perna 2 PCU  
— perna 4 PCU

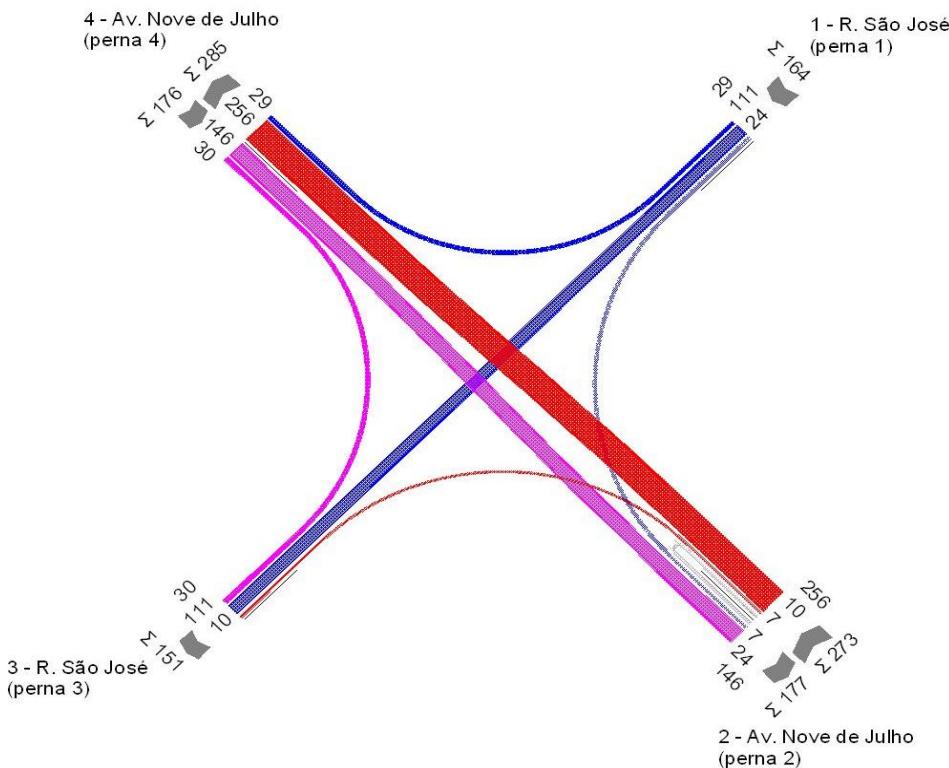


**Diagrama de Fluxos****083 - Av. Nove de Julho x R. São José**

Contagem De 29/10/2018 as 00h00 até 30/10/2018 as 00h00  
 Valor horário máximo 06:00 - 07:00  
 On the basis of a time period 29.10.2018 06:00 - 29.10.2018 07:00  
 613 PCU

De \Para	1	2	3	4
1		24	111	29
2		7	10	256
3				
4		146	30	

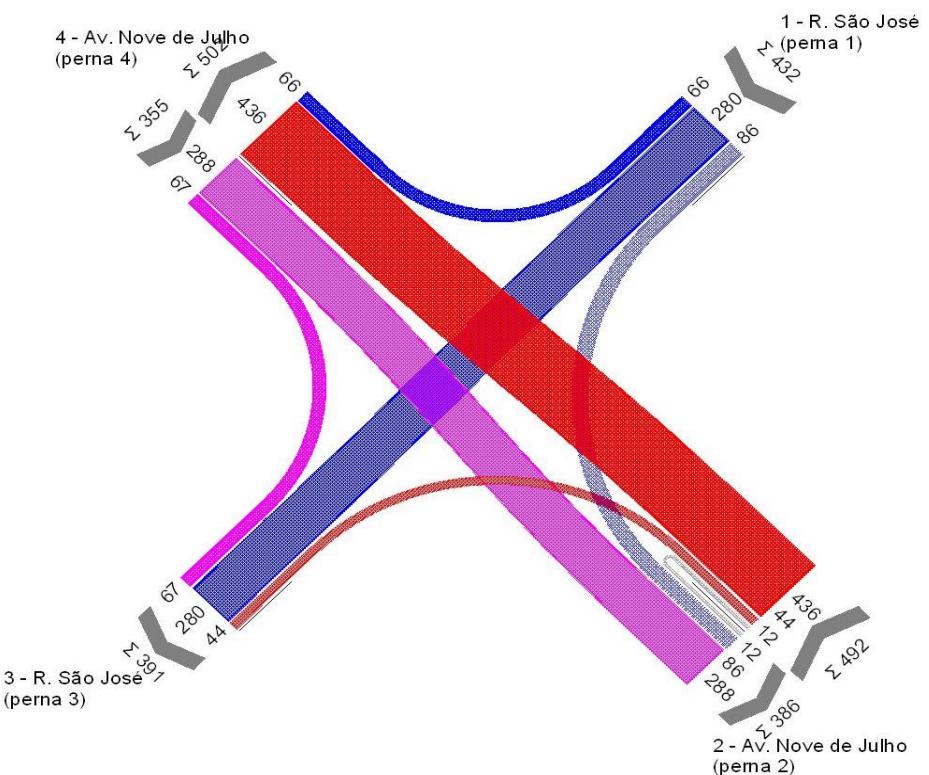
20  
 100  
 200



Contagem De 29/10/2018 as 00h00 até 30/10/2018 as 00h00  
 Valor horário maximo 07:00 - 08:00  
 On the basis of a time period 29.10.2018 07:00 - 29.10.2018 08:00  
 1279 PCU

De \Para	1	2	3	4
1		86	280	66
2		12	44	436
3				
4		288	67	

20  
 100  
 400

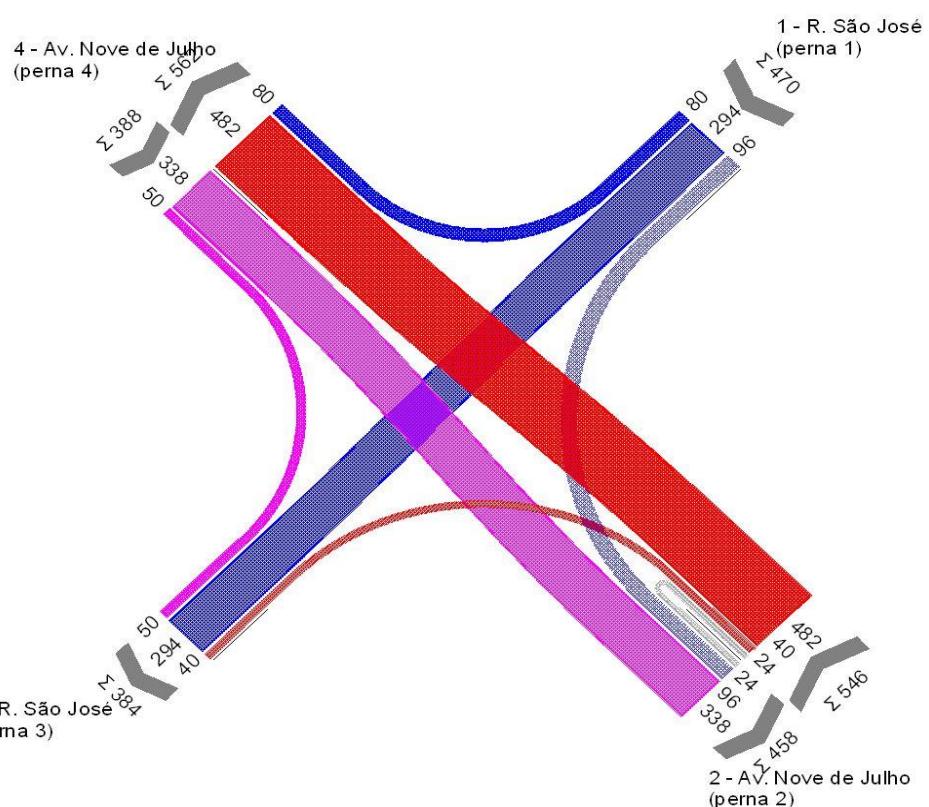


**Diagrama de Fluxos 083 - Av. Nove de Julho x R. São José**

Contagem De 29/10/2018 as 00h00 até 30/10/2018 as 00h00  
 Valor horário máximo 08:00 - 09:00  
 On the basis of a time period 29.10.2018 08:00 - 29.10.2018 09:00  
 1404 PCU

De \ Para	1	2	3	4
1		96	294	80
2		24	40	482
3				
4		338	50	

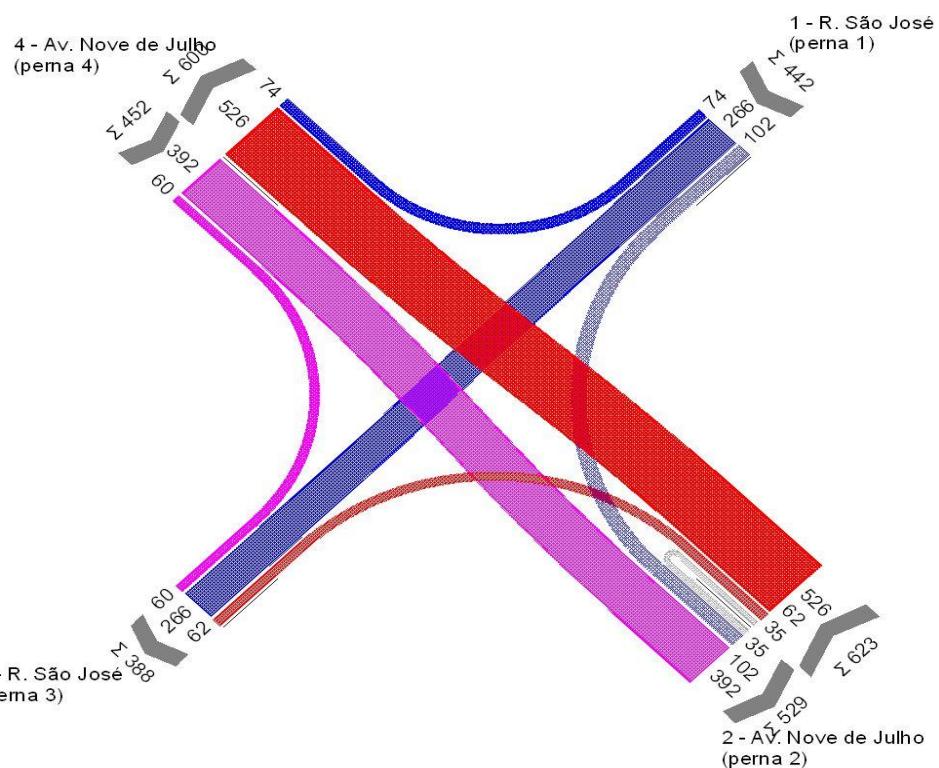
Legend:  
 20  
 100  
 400



Contagem De 29/10/2018 as 00h00 até 30/10/2018 as 00h00  
 Valor horário máximo 09:00 - 10:00  
 On the basis of a time period 29.10.2018 09:00 - 29.10.2018 10:00  
 1517 PCU

De \ Para	1	2	3	4
1		102	266	74
2		35	62	526
3				
4		392	60	

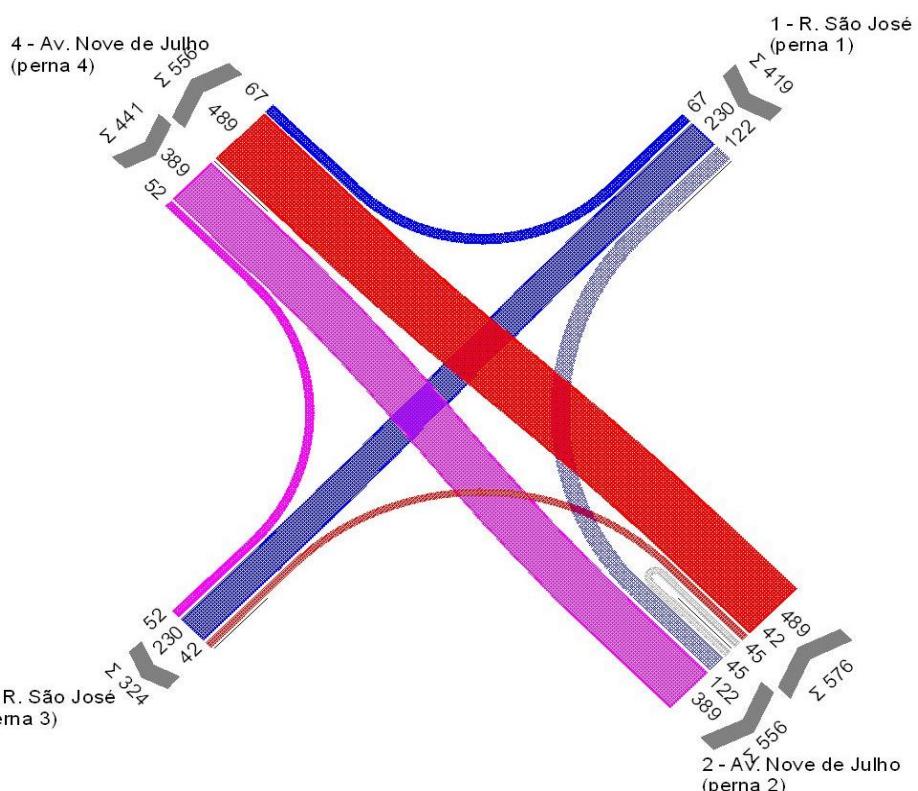
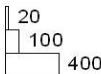
Legend:  
 20  
 100  
 500



**Diagrama de Fluxos 083 - Av. Nove de Julho x R. São José**

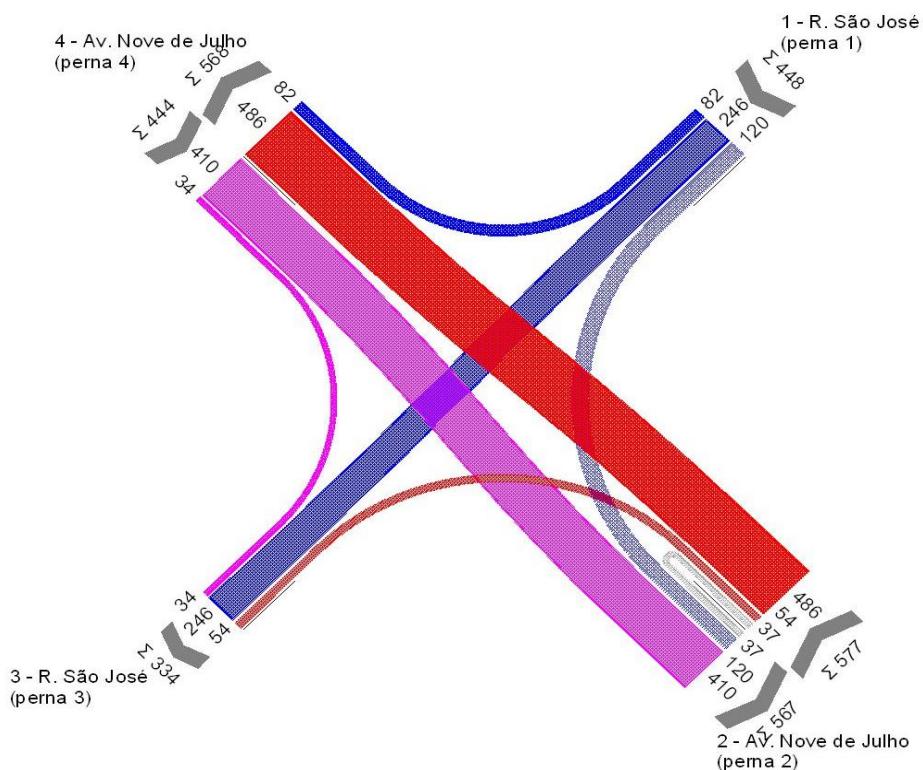
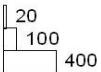
Contagem De 29/10/2018 as 00h00 até 30/10/2018 as 00h00  
 Valor horário máximo 10:00 - 11:00  
 On the basis of a time period 29.10.2018 10:00 - 29.10.2018 11:00  
 1436 PCU

De \ Para	1	2	3	4
1		122	230	67
2		45	42	489
3				
4		389	52	



Contagem De 29/10/2018 as 00h00 até 30/10/2018 as 00h00  
 Valor horário máximo 11:00 - 12:00  
 On the basis of a time period 29.10.2018 11:00 - 29.10.2018 12:00  
 1469 PCU

De \ Para	1	2	3	4
1		120	246	82
2		37	54	486
3				
4		410	34	

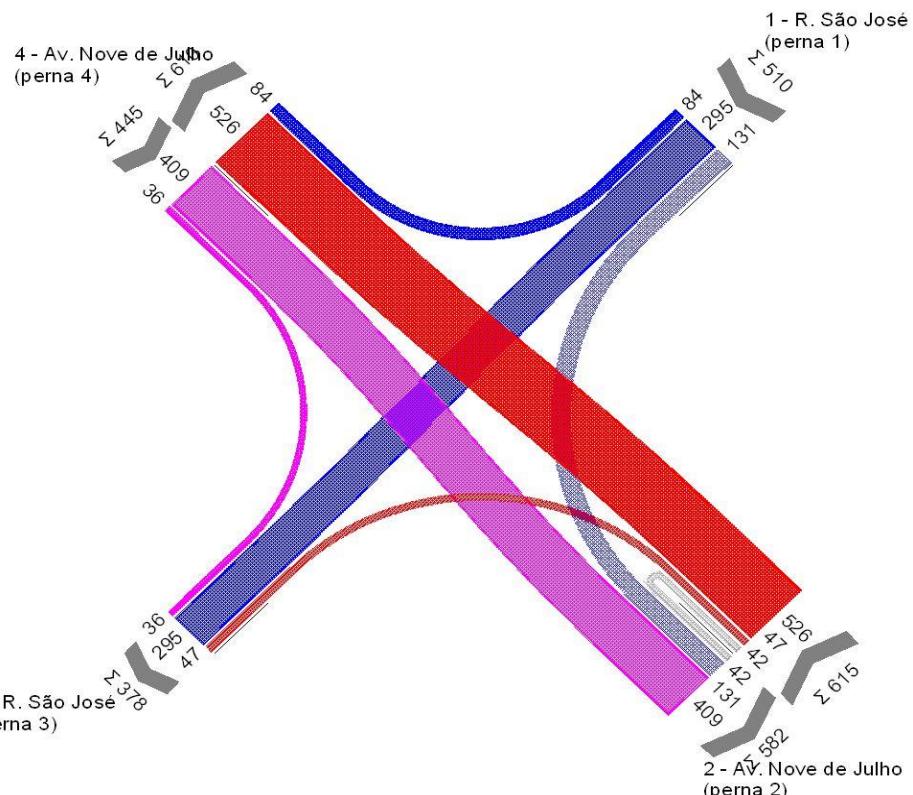


**Diagrama de Fluxos 083 - Av. Nove de Julho x R. São José**

Contagem De 29/10/2018 as 00h00 até 30/10/2018 as 00h00  
 Valor horário máximo 12:00 - 13:00  
 On the basis of a time period 29.10.2018 12:00 - 29.10.2018 13:00  
 1570 PCU

De \ Para	1	2	3	4
1		131	295	84
2		42	47	526
3				
4		409	36	

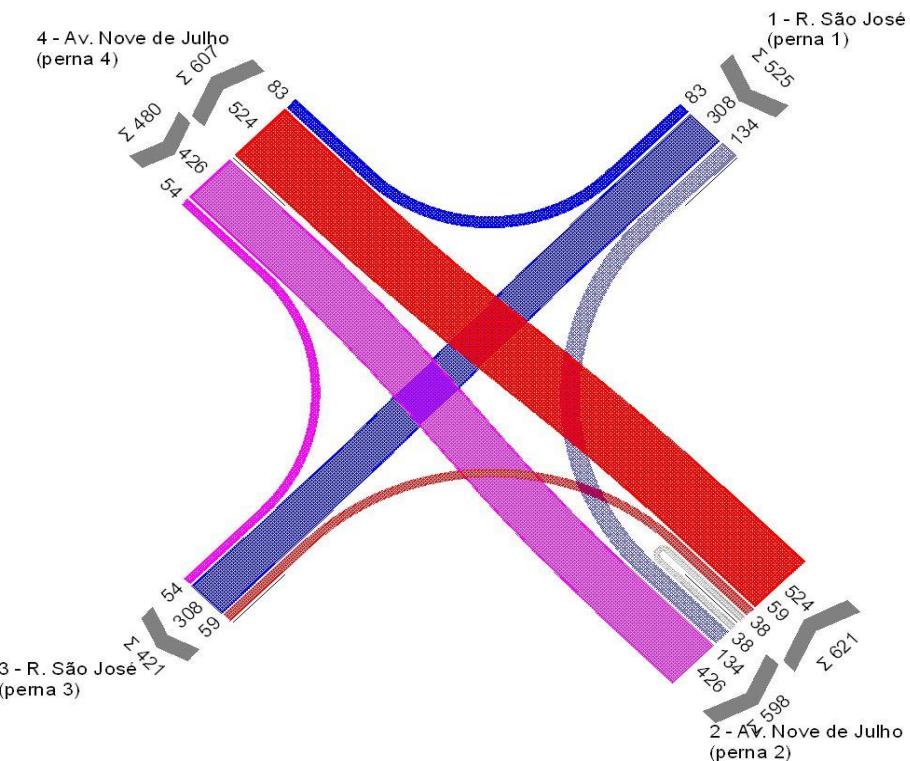
20  
100  
500



Contagem De 29/10/2018 as 00h00 até 30/10/2018 as 00h00  
 Valor horário máximo 13:00 - 14:00  
 On the basis of a time period 29.10.2018 13:00 - 29.10.2018 14:00  
 1626 PCU

De \ Para	1	2	3	4
1		134	308	83
2		38	59	524
3				
4		426	54	

20  
100  
500

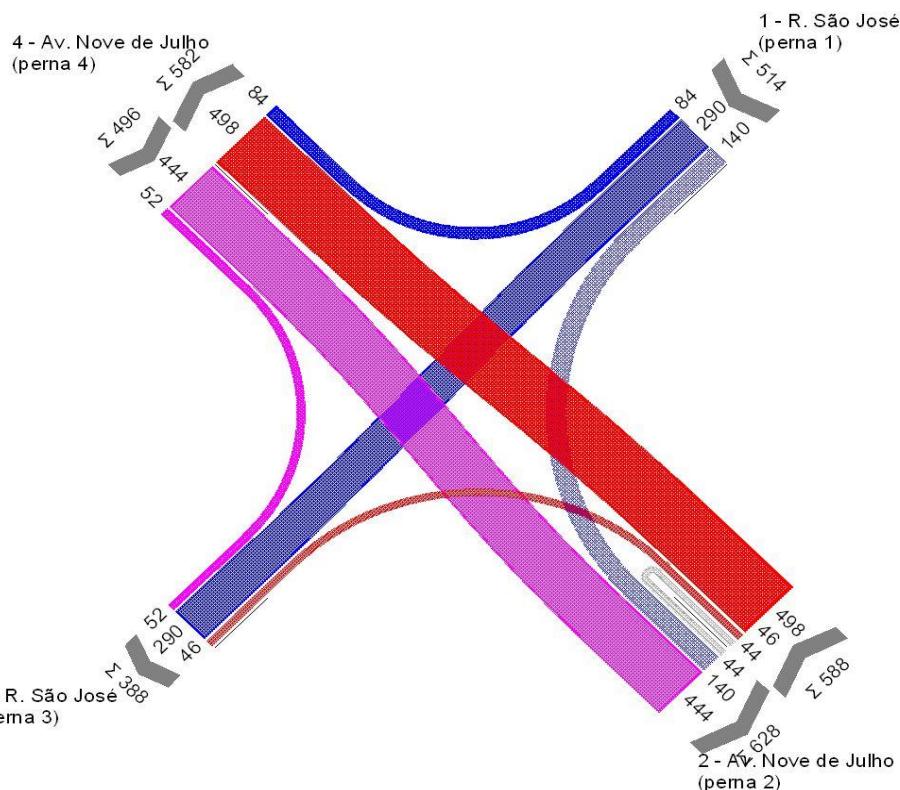


**Diagrama de Fluxos 083 - Av. Nove de Julho x R. São José**

Contagem De 29/10/2018 as 00h00 até 30/10/2018 as 00h00  
 Valor horário máximo 14:00 - 15:00  
 On the basis of a time period 29.10.2018 14:00 - 29.10.2018 15:00  
 1598 PCU

De \ Para	1	2	3	4
1		140	290	84
2		44	46	498
3				
4		444	52	

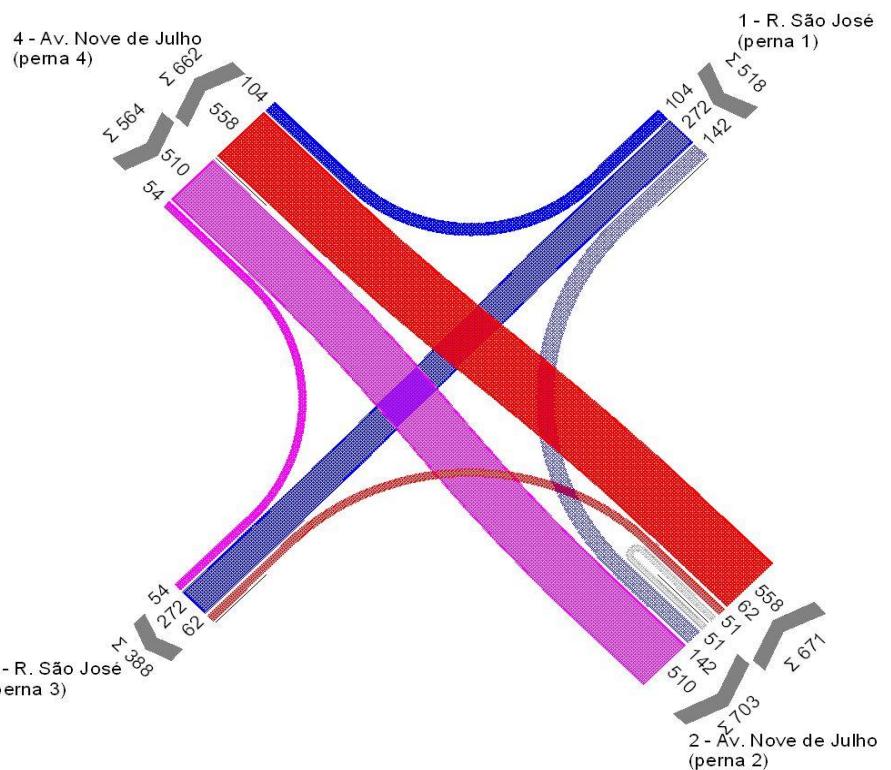
20  
 100  
 400



Contagem De 29/10/2018 as 00h00 até 30/10/2018 as 00h00  
 Valor horário máximo 15:00 - 16:00  
 On the basis of a time period 29.10.2018 15:00 - 29.10.2018 16:00  
 1753 PCU

De \ Para	1	2	3	4
1		142	272	104
2		51	62	558
3				
4		510	54	

20  
 100  
 500

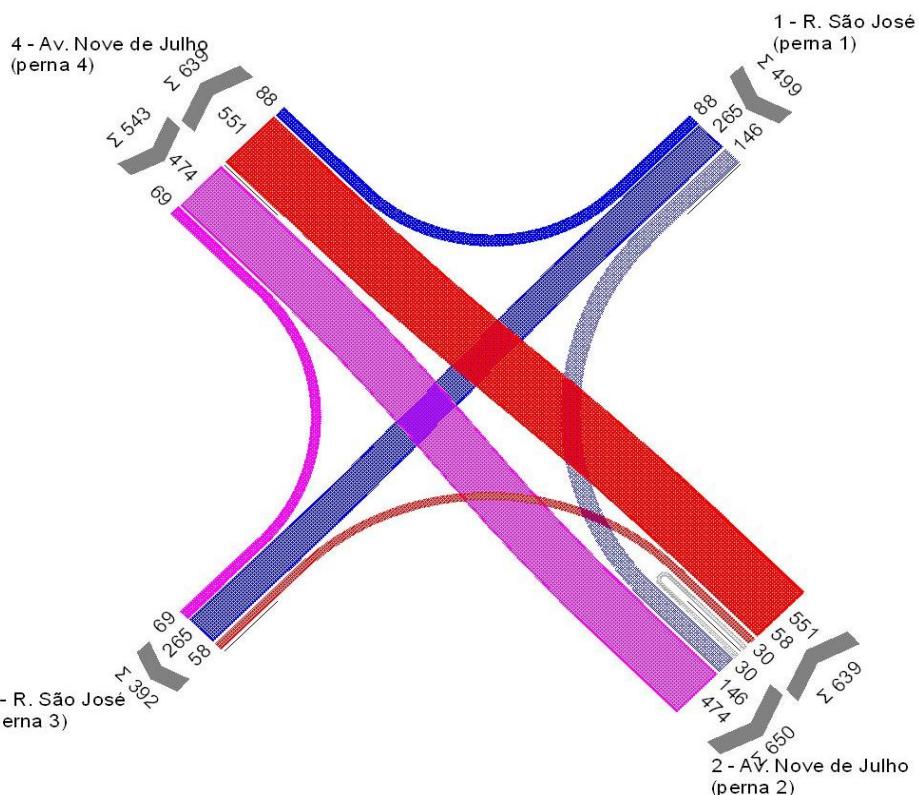


**Diagrama de Fluxos 083 - Av. Nove de Julho x R. São José**

Contagem De 29/10/2018 as 00h00 até 30/10/2018 as 00h00  
 Valor horário máximo 16:00 - 17:00  
 On the basis of a time period 29.10.2018 16:00 - 29.10.2018 17:00  
 1681 PCU

De \ Para	1	2	3	4
1	146	265	88	
2	30	58	551	
3				
4	474	69		

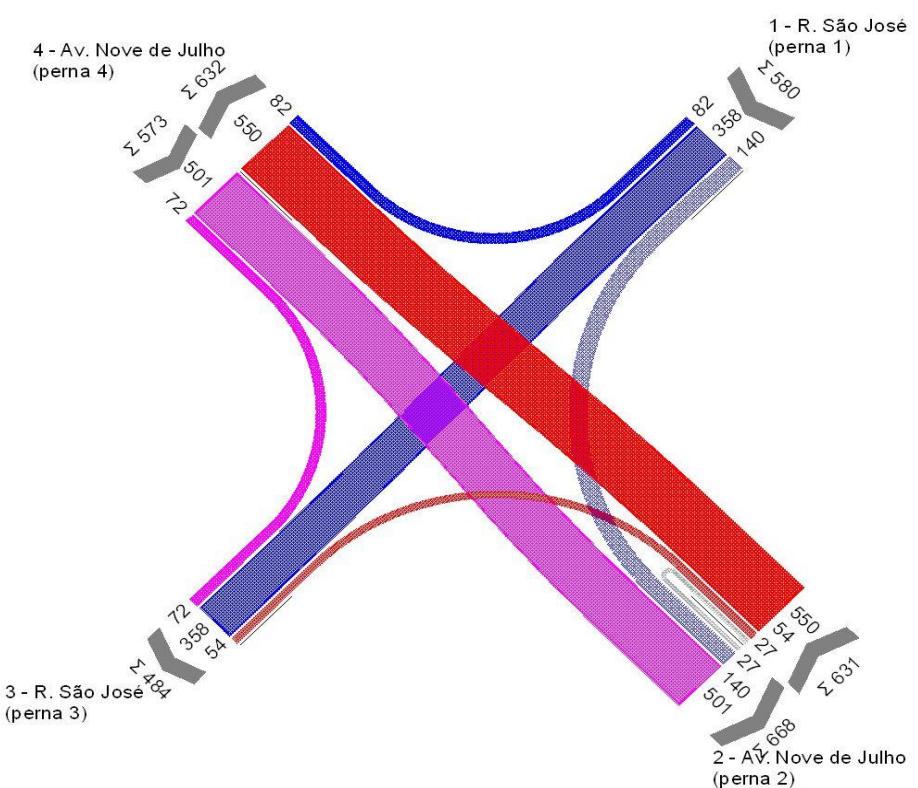
20  
100  
500



Contagem De 29/10/2018 as 00h00 até 30/10/2018 as 00h00  
 Valor horário máximo 17:00 - 18:00  
 On the basis of a time period 29.10.2018 17:00 - 29.10.2018 18:00  
 1784 PCU

De \ Para	1	2	3	4
1	140	358	82	
2	27	54	550	
3				
4	501	72		

20  
100  
500

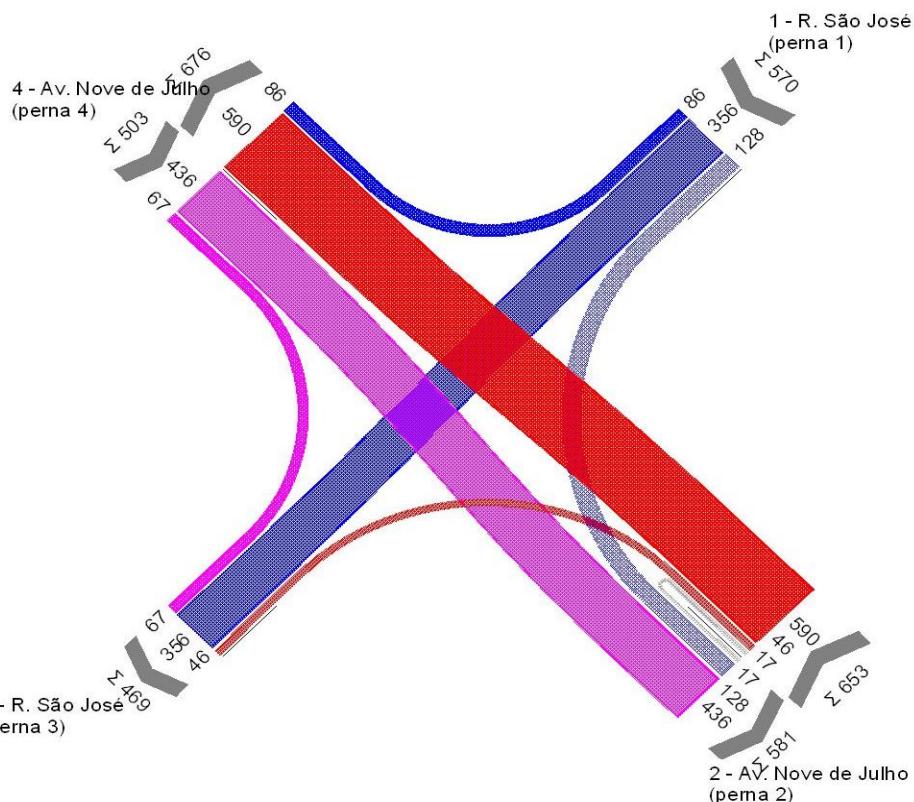


**Diagrama de Fluxos 083 - Av. Nove de Julho x R. São José**

Contagem De 29/10/2018 as 00h00 até 30/10/2018 as 00h00  
 Valor horário máximo 18:00 - 19:00  
 On the basis of a time period 29.10.2018 18:00 - 29.10.2018 19:00  
 1726 PCU

De \ Para	1	2	3	4
1		128	356	86
2		17	46	590
3				
4		436	67	

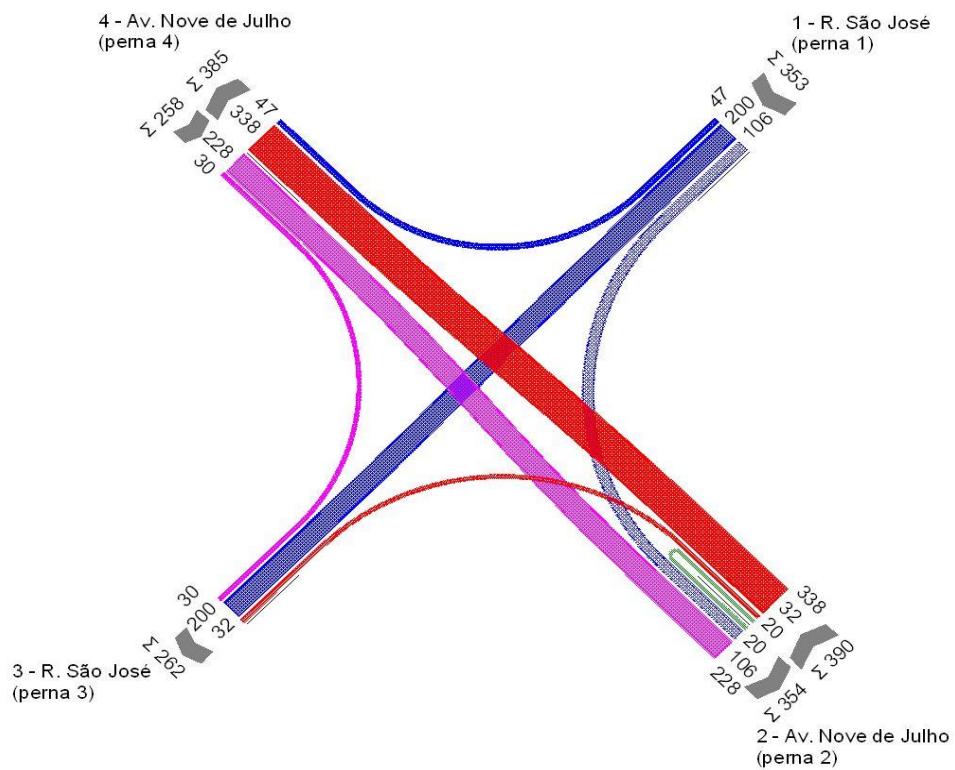
20  
100  
500



Contagem De 29/10/2018 as 00h00 até 30/10/2018 as 00h00  
 Valor horário maximo 19:00 - 20:00  
 On the basis of a time period 29.10.2018 19:00 - 29.10.2018 20:00  
 1001 PCU

De \ Para	1	2	3	4
1		106	200	47
2		20	32	338
3				
4		228	30	

20  
100  
300

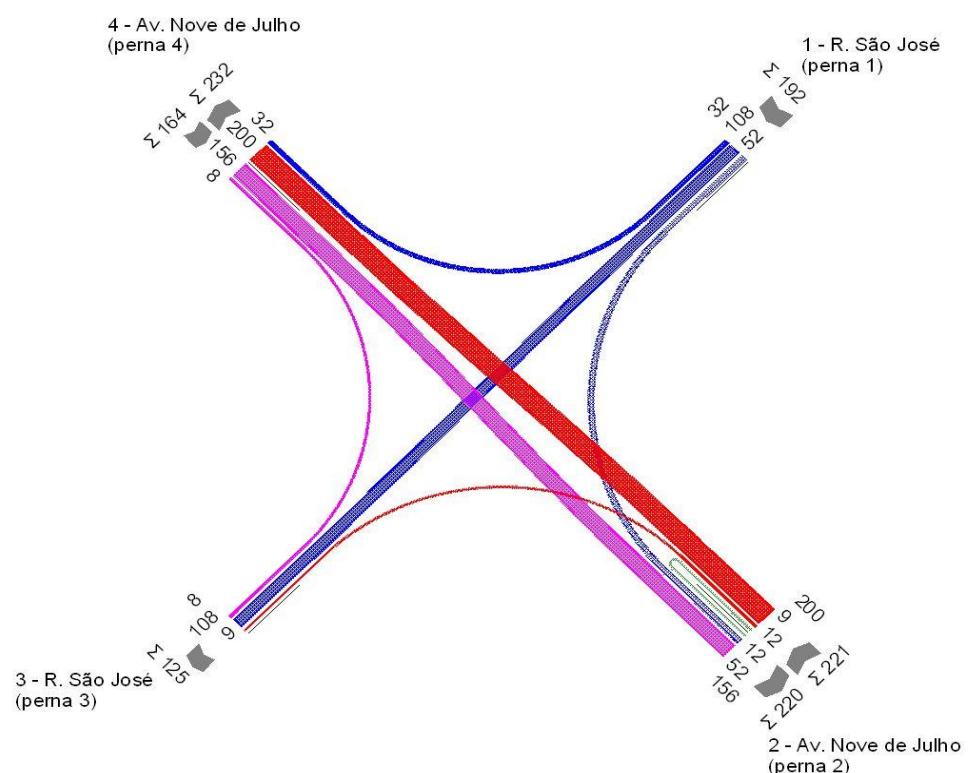


**Diagrama de Fluxos 083 - Av. Nove de Julho x R. São José**

Contagem De 29/10/2018 as 00h00 até 30/10/2018 as 00h00  
 Valor horário máximo 20:00 - 21:00  
 On the basis of a time period 29.10.2018 20:00 - 29.10.2018 21:00  
 577 PCU

De \ Para	1	2	3	4
1		52	108	32
2		12	9	200
3				
4		156	8	

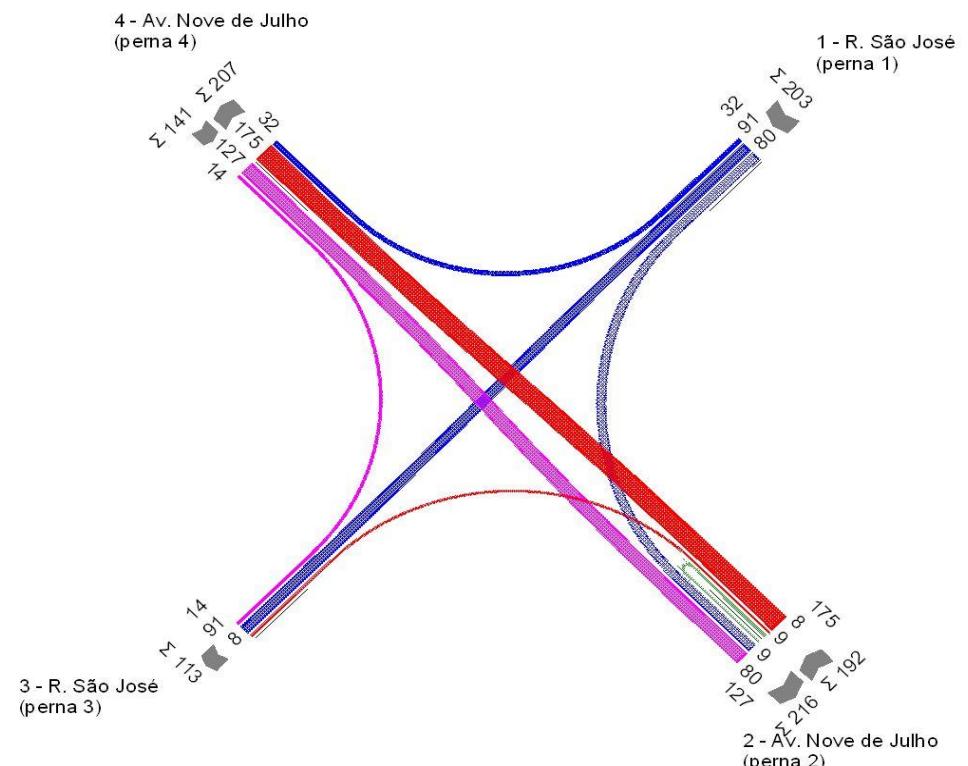
20  
 100  
 200



Contagem De 29/10/2018 as 00h00 até 30/10/2018 as 00h00  
 Valor horário máximo 21:00 - 22:00  
 On the basis of a time period 29.10.2018 21:00 - 29.10.2018 22:00  
 536 PCU

De \ Para	1	2	3	4
1		80	91	32
2		9	8	175
3				
4		127	14	

10  
 50  
 100

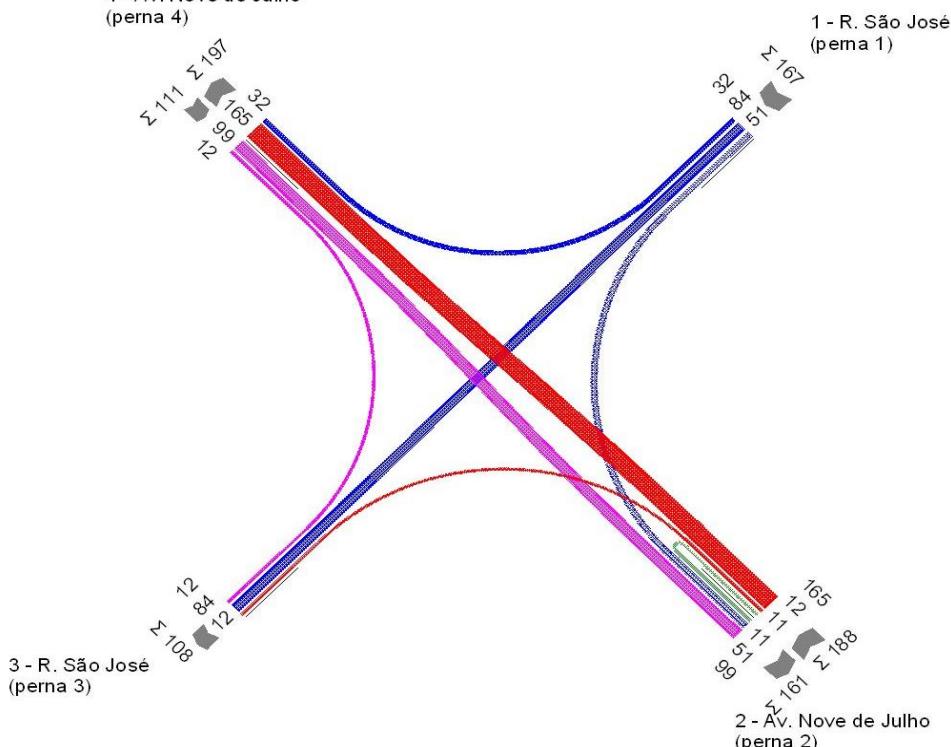


**Diagrama de Fluxos 083 - Av. Nove de Julho x R. São José**

Contagem De 29/10/2018 as 00h00 até 30/10/2018 as 00h00  
 Valor horário máximo 22:00 - 23:00  
 On the basis of a time period 29.10.2018 22:00 - 29.10.2018 23:00  
 466 PCU

De \ Para	1	2	3	4
1		51	84	32
2		11	12	165
3				
4		99	12	

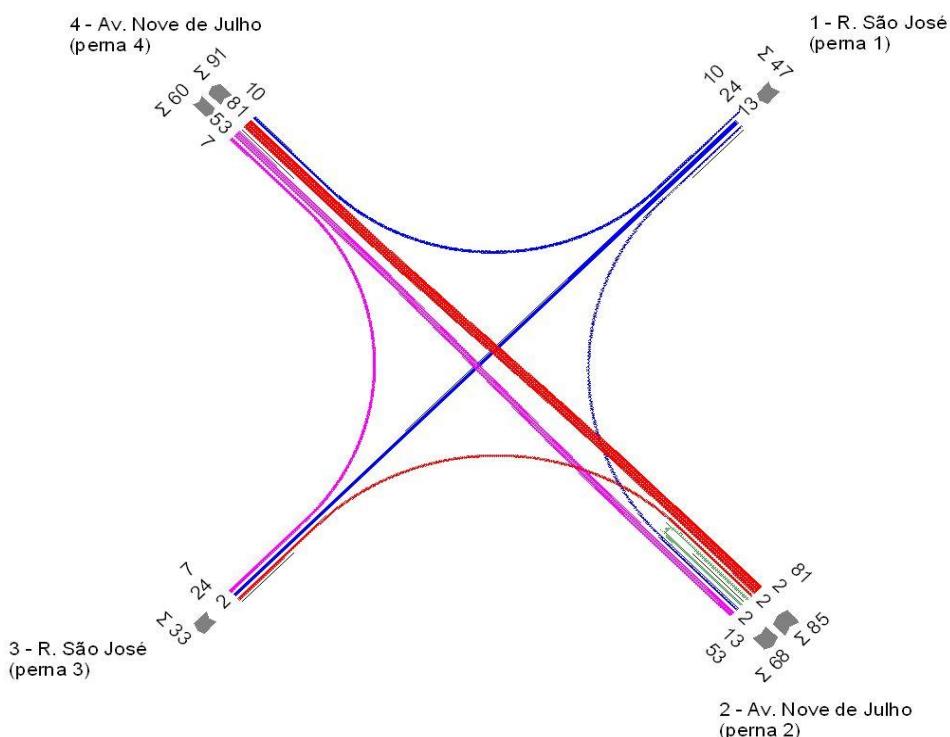
10  
50  
100

4 - Av. Nove de Julho  
(perna 4)

Contagem De 29/10/2018 as 00h00 até 30/10/2018 as 00h00  
 Valor horário máximo 23:00 - 00:00  
 On the basis of a time period 29.10.2018 23:00 - 30.10.2018 00:00  
 192 PCU

De \ Para	1	2	3	4
1		13	24	10
2		2	2	81
3				
4		53	7	

10  
40  
80

4 - Av. Nove de Julho  
(perna 4)

**PCU****083 - Av. Nove de Julho x R. São José**

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**).

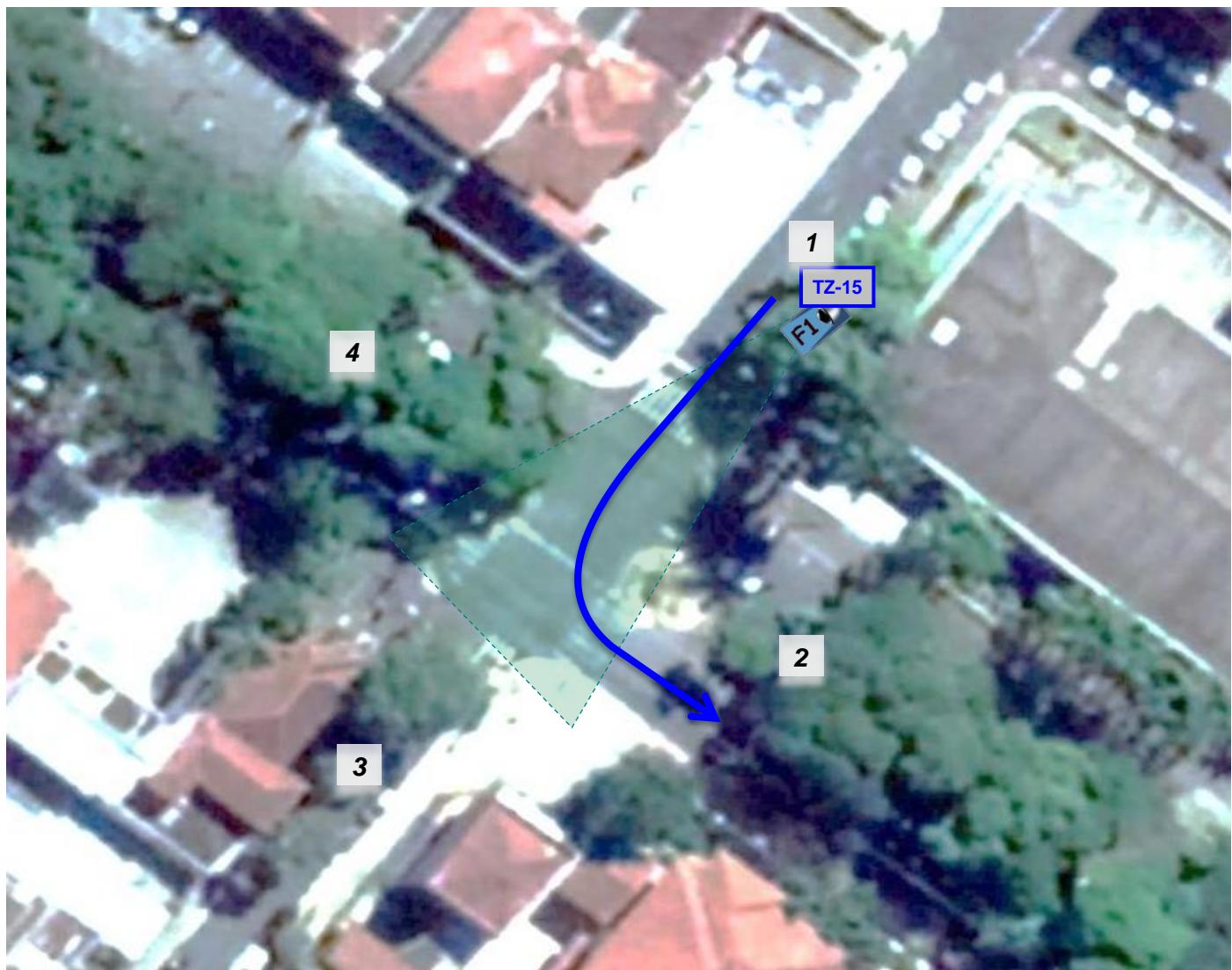
Neste mesmo quadro estão representadas as contagens dos movimentos a cada 15 minutos e por hora, onde no final de cada quadro existem duas colunas que são identificadas pelas siglas **VEC** e **PCU**.

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.

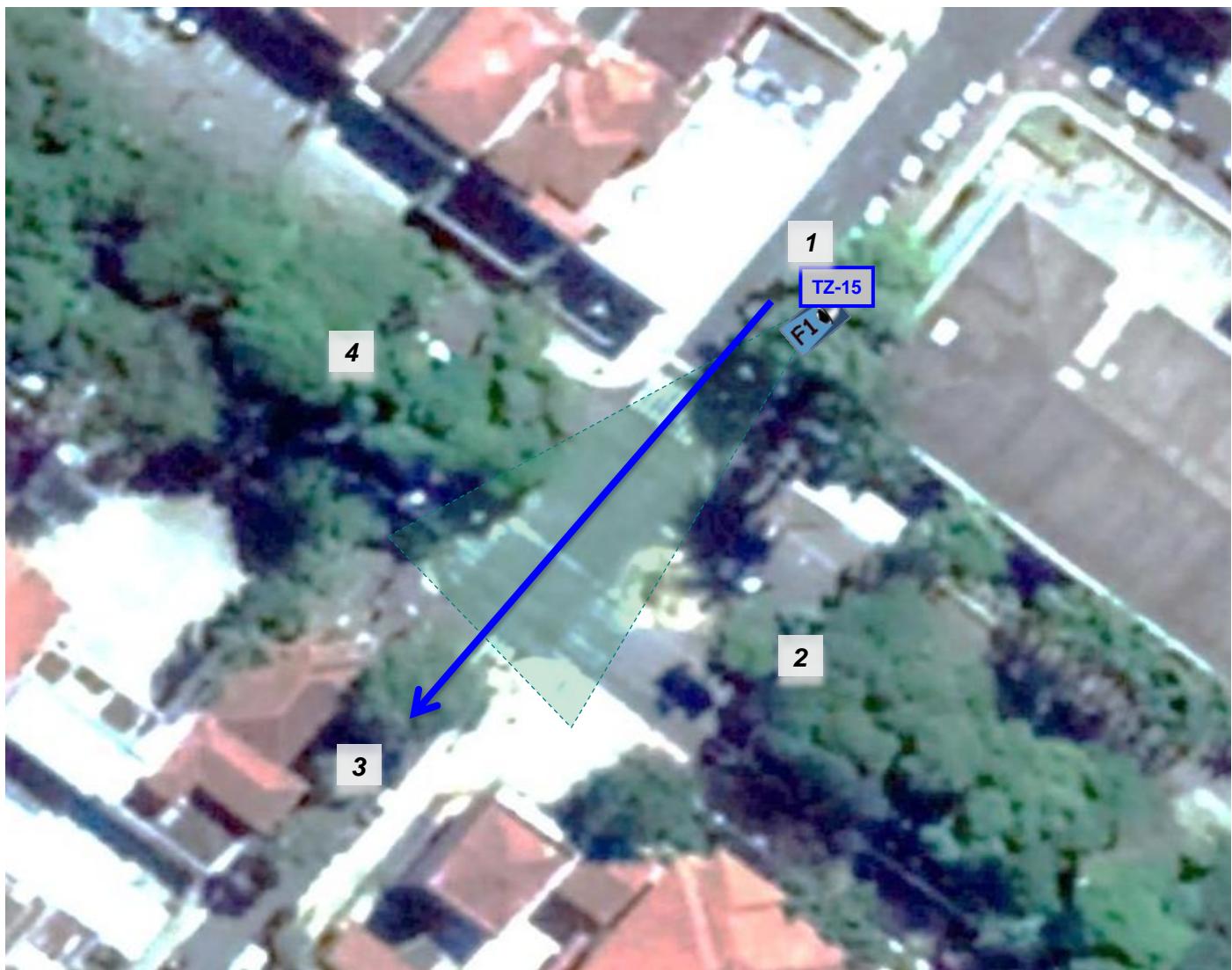
**Movimentos Contados****1 > 2      R. São José conv à esq. Av. Nove de Julho****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	10	2	0	0	0	11	12
1:00	2:00	7	1	0	0	0	8	8
2:00	3:00	5	1	0	0	0	6	6
3:00	4:00	6	0	0	0	0	6	6
4:00	5:00	0	0	0	0	0	0	0
5:00	6:00	3	1	0	0	0	4	4
6:00	7:00	22	3	0	0	0	24	25
7:00	8:00	75	11	2	0	0	86	88
8:00	9:00	85	6	3	0	0	96	94
9:00	10:00	97	11	0	0	0	103	108
10:00	11:00	106	21	2	0	0	122	129
11:00	12:00	110	19	0	0	0	120	129

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	115	17	3	0	0	131	135
13:00	14:00	119	16	3	0	0	135	138
14:00	15:00	130	16	0	1	0	140	147
15:00	16:00	130	24	0	0	0	142	154
16:00	17:00	135	21	0	0	0	146	156
17:00	18:00	132	15	0	0	0	140	147
18:00	19:00	117	11	2	0	0	128	130
19:00	20:00	102	9	0	0	0	107	111
20:00	21:00	49	5	0	0	0	52	54
21:00	22:00	76	3	1	0	0	80	80
22:00	23:00	49	4	0	0	0	51	53
23:00	0:00	11	4	0	0	0	13	15

**Movimento Contado****1 > 2****R. São José conv à esq. Av. Nove de Julho****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	4	0	0	0	0	4	4	12:00	12:15	26	3	0	0	0	28	29
0:15	0:30	1	0	0	0	0	1	1	12:15	12:30	20	4	1	0	0	25	25
0:30	0:45	4	0	0	0	0	4	4	12:30	12:45	31	5	1	0	0	36	37
0:45	1:00	1	2	0	0	0	2	3	12:45	13:00	38	5	1	0	0	43	44
1:00	1:15	4	0	0	0	0	4	4	13:00	13:15	29	3	0	0	0	31	32
1:15	1:30	1	1	0	0	0	2	2	13:15	13:30	20	4	1	0	0	25	25
1:30	1:45	2	0	0	0	0	2	2	13:30	13:45	31	4	1	0	0	36	36
1:45	2:00	0	0	0	0	0	0	0	13:45	14:00	39	5	1	0	0	44	45
2:00	2:15	2	0	0	0	0	2	2	14:00	14:15	29	1	0	1	0	32	31
2:15	2:30	0	0	0	0	0	0	0	14:15	14:30	32	2	0	0	0	33	34
2:30	2:45	0	0	0	0	0	0	0	14:30	14:45	31	5	0	0	0	34	36
2:45	3:00	3	1	0	0	0	4	4	14:45	15:00	38	8	0	0	0	42	46
3:00	3:15	2	0	0	0	0	2	2	15:00	15:15	35	5	0	0	0	38	40
3:15	3:30	1	0	0	0	0	1	1	15:15	15:30	36	7	0	0	0	40	43
3:30	3:45	1	0	0	0	0	1	1	15:30	15:45	36	8	0	0	0	40	44
3:45	4:00	2	0	0	0	0	2	2	15:45	16:00	23	4	0	0	0	25	27
4:00	4:15	0	0	0	0	0	0	0	16:00	16:15	30	6	0	0	0	33	36
4:15	4:30	0	0	0	0	0	0	0	16:15	16:30	34	4	0	0	0	36	38
4:30	4:45	0	0	0	0	0	0	0	16:30	16:45	36	6	0	0	0	39	42
4:45	5:00	0	0	0	0	0	0	0	16:45	17:00	35	5	0	0	0	38	40
5:00	5:15	0	0	0	0	0	0	0	17:00	17:15	41	5	0	0	0	44	46
5:15	5:30	0	0	0	0	0	0	0	17:15	17:30	31	5	0	0	0	34	36
5:30	5:45	1	0	0	0	0	1	1	17:30	17:45	31	2	0	0	0	32	33
5:45	6:00	2	1	0	0	0	3	3	17:45	18:00	29	3	0	0	0	31	32
6:00	6:15	2	1	0	0	0	3	3	18:00	18:15	36	4	2	0	0	43	42
6:15	6:30	4	1	0	0	0	5	5	18:15	18:30	26	0	0	0	0	26	26
6:30	6:45	8	1	0	0	0	9	9	18:30	18:45	27	4	0	0	0	29	31
6:45	7:00	8	0	0	0	0	8	8	18:45	19:00	28	3	0	0	0	30	31
7:00	7:15	19	2	0	0	0	20	21	19:00	19:15	33	5	0	0	0	36	38
7:15	7:30	19	1	0	0	0	20	20	19:15	19:30	31	2	0	0	0	32	33
7:30	7:45	19	2	1	0	0	23	22	19:30	19:45	25	2	0	0	0	26	27
7:45	8:00	18	6	1	0	0	24	25	19:45	20:00	13	0	0	0	0	13	13
8:00	8:15	21	3	1	0	0	25	25	20:00	20:15	6	0	0	0	0	6	6
8:15	8:30	18	2	1	0	0	22	21	20:15	20:30	17	1	0	0	0	18	18
8:30	8:45	19	0	0	0	0	19	19	20:30	20:45	12	2	0	0	0	13	14
8:45	9:00	27	1	1	0	0	30	29	20:45	21:00	14	2	0	0	0	15	16
9:00	9:15	29	6	0	0	0	32	35	21:00	21:15	21	0	0	0	0	21	21
9:15	9:30	19	1	0	0	0	20	20	21:15	21:30	7	1	1	0	0	10	9
9:30	9:45	29	2	0	0	0	30	31	21:30	21:45	14	0	0	0	0	14	14
9:45	10:00	20	2	0	0	0	21	22	21:45	22:00	34	2	0	0	0	35	36
10:00	10:15	29	6	1	0	0	35	36	22:00	22:15	12	2	0	0	0	13	14
10:15	10:30	24	1	1	0	0	27	26	22:15	22:30	17	0	0	0	0	17	17
10:30	10:45	27	4	0	0	0	29	31	22:30	22:45	13	1	0	0	0	14	14
10:45	11:00	26	10	0	0	0	31	36	22:45	23:00	7	1	0	0	0	8	8
11:00	11:15	27	5	0	0	0	30	32	23:00	23:15	3	0	0	0	0	3	3
11:15	11:30	30	3	0	0	0	32	33	23:15	23:30	3	1	0	0	0	4	4
11:30	11:45	30	7	0	0	0	34	37	23:30	23:45	3	0	0	0	0	3	3
11:45	12:00	23	4	0	0	0	25	27	23:45	0:00	2	3	0	0	0	4	5

**Movimento Contado****1 > 3      R. São José em frente****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	7	3	0	0	0	9	10
1:00	2:00	13	5	0	0	0	16	18
2:00	3:00	5	0	0	0	0	5	5
3:00	4:00	4	1	0	0	0	5	5
4:00	5:00	4	1	0	0	0	5	5
5:00	6:00	9	4	0	0	0	11	13
6:00	7:00	105	12	0	0	0	111	117
7:00	8:00	248	60	1	0	0	281	309
8:00	9:00	259	66	1	0	0	295	326
9:00	10:00	221	71	4	0	0	267	296
10:00	11:00	192	56	4	0	0	230	252
11:00	12:00	209	64	2	0	0	246	275

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	255	75	1	0	0	295	331
13:00	14:00	273	66	1	0	0	309	340
14:00	15:00	260	59	0	0	0	290	319
15:00	16:00	243	59	0	0	0	273	302
16:00	17:00	230	60	2	0	0	265	292
17:00	18:00	326	64	0	0	0	358	390
18:00	19:00	322	63	0	1	0	356	386
19:00	20:00	172	51	1	0	0	200	224
20:00	21:00	94	29	0	0	0	109	123
21:00	22:00	75	32	0	0	0	91	107
22:00	23:00	67	34	0	0	0	84	101
23:00	0:00	18	13	0	0	0	25	31

**Movimento Contado**
**1 > 3**
**R. São José 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	3	0	0	0	0	3	3	12:00	12:15	64	17	1	0	0	75	82		
0:15	0:30	1	2	0	0	0	2	3	12:15	12:30	60	25	0	0	0	73	85		
0:30	0:45	2	1	0	0	0	3	3	12:30	12:45	69	16	0	0	0	77	85		
0:45	1:00	1	0	0	0	0	1	1	12:45	13:00	62	17	0	0	0	71	79		
1:00	1:15	4	3	0	0	0	6	7	13:00	13:15	77	14	0	0	0	84	91		
1:15	1:30	4	0	0	0	0	4	4	13:15	13:30	63	22	0	0	0	74	85		
1:30	1:45	4	2	0	0	0	5	6	13:30	13:45	58	13	1	0	0	67	72		
1:45	2:00	1	0	0	0	0	1	1	13:45	14:00	75	17	0	0	0	84	92		
2:00	2:15	2	0	0	0	0	2	2	14:00	14:15	68	21	0	0	0	79	89		
2:15	2:30	1	0	0	0	0	1	1	14:15	14:30	59	7	0	0	0	63	66		
2:30	2:45	2	0	0	0	0	2	2	14:30	14:45	66	17	0	0	0	75	83		
2:45	3:00	0	0	0	0	0	0	0	14:45	15:00	67	14	0	0	0	74	81		
3:00	3:15	2	0	0	0	0	2	2	15:00	15:15	53	16	0	0	0	61	69		
3:15	3:30	1	0	0	0	0	1	1	15:15	15:30	72	12	0	0	0	78	84		
3:30	3:45	1	0	0	0	0	1	1	15:30	15:45	54	17	0	0	0	63	71		
3:45	4:00	0	1	0	0	0	1	1	15:45	16:00	64	14	0	0	0	71	78		
4:00	4:15	3	1	0	0	0	4	4	16:00	16:15	60	15	0	0	0	68	75		
4:15	4:30	0	0	0	0	0	0	0	16:15	16:30	64	14	0	0	0	71	78		
4:30	4:45	1	0	0	0	0	1	1	16:30	16:45	63	17	2	0	0	77	82		
4:45	5:00	0	0	0	0	0	0	0	16:45	17:00	43	14	0	0	0	50	57		
5:00	5:15	0	0	0	0	0	0	0	17:00	17:15	92	21	0	0	0	103	113		
5:15	5:30	0	1	0	0	0	1	1	17:15	17:30	73	17	0	0	0	82	90		
5:30	5:45	2	0	0	0	0	2	2	17:30	17:45	84	13	0	0	0	91	97		
5:45	6:00	7	3	0	0	0	9	10	17:45	18:00	77	13	0	0	0	84	90		
6:00	6:15	4	1	0	0	0	5	5	18:00	18:15	109	23	0	0	0	121	132		
6:15	6:30	5	3	0	0	0	7	8	18:15	18:30	96	21	0	0	0	107	117		
6:30	6:45	23	3	0	0	0	25	26	18:30	18:45	63	13	0	1	0	72	77		
6:45	7:00	73	5	0	0	0	76	78	18:45	19:00	54	6	0	0	0	57	60		
7:00	7:15	71	15	0	0	0	79	86	19:00	19:15	62	18	1	0	0	74	81		
7:15	7:30	50	10	0	0	0	55	60	19:15	19:30	55	16	0	0	0	63	71		
7:30	7:45	55	12	0	0	0	61	67	19:30	19:45	27	10	0	0	0	32	37		
7:45	8:00	72	23	1	0	0	86	96	19:45	20:00	28	7	0	0	0	32	35		
8:00	8:15	71	21	0	0	0	82	92	20:00	20:15	35	3	0	0	0	37	38		
8:15	8:30	62	16	1	0	0	73	79	20:15	20:30	19	7	0	0	0	23	26		
8:30	8:45	55	13	0	0	0	62	68	20:30	20:45	22	5	0	0	0	25	27		
8:45	9:00	71	16	0	0	0	79	87	20:45	21:00	18	14	0	0	0	25	32		
9:00	9:15	65	24	2	0	0	82	91	21:00	21:15	22	8	0	0	0	26	30		
9:15	9:30	59	14	0	0	0	66	73	21:15	21:30	17	6	0	0	0	20	23		
9:30	9:45	47	19	1	0	0	59	67	21:30	21:45	15	11	0	0	0	21	26		
9:45	10:00	50	14	1	0	0	60	65	21:45	22:00	21	7	0	0	0	25	28		
10:00	10:15	46	14	1	0	0	56	61	22:00	22:15	26	10	0	0	0	31	36		
10:15	10:30	40	11	2	0	0	51	53	22:15	22:30	14	7	0	0	0	18	21		
10:30	10:45	51	20	0	0	0	61	71	22:30	22:45	17	11	0	0	0	23	28		
10:45	11:00	55	11	1	0	0	63	67	22:45	23:00	10	6	0	0	0	13	16		
11:00	11:15	48	8	0	0	0	52	56	23:00	23:15	4	4	0	0	0	6	8		
11:15	11:30	37	17	1	0	0	48	55	23:15	23:30	6	4	0	0	0	8	10		
11:30	11:45	65	22	0	0	0	76	87	23:30	23:45	5	3	0	0	0	7	8		
11:45	12:00	59	17	1	0	0	70	77	23:45	0:00	3	2	0	0	0	4	5		

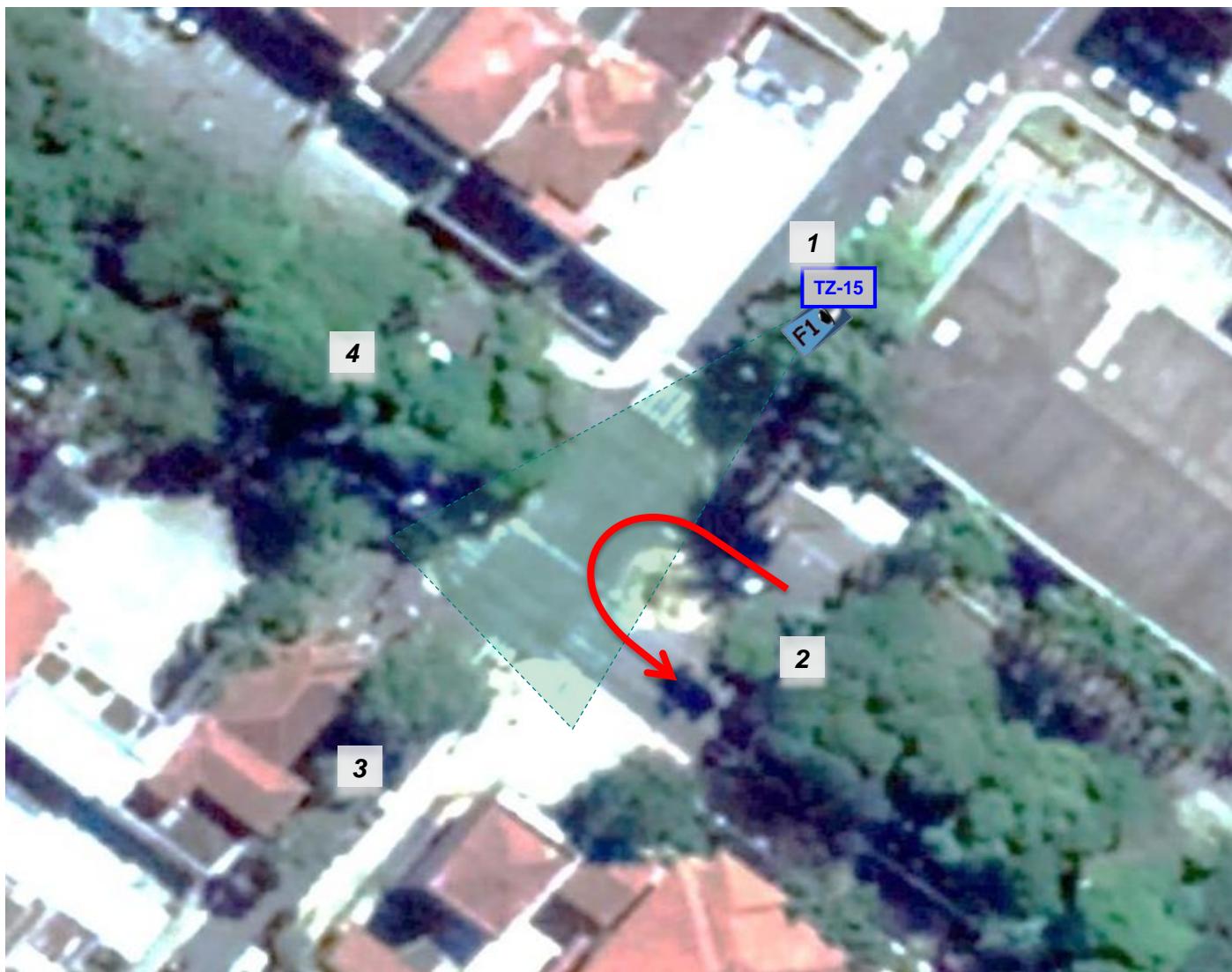
**Movimento Contado****1 > 4      R. São José conv à dir. Av. Nove de Julho****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	23	3	0	0	0	25	26
1:00	2:00	11	1	0	0	0	12	12
2:00	3:00	11	1	0	0	0	12	12
3:00	4:00	2	0	0	0	0	2	2
4:00	5:00	5	0	0	0	0	5	5
5:00	6:00	3	1	0	0	0	4	4
6:00	7:00	28	2	0	0	0	29	30
7:00	8:00	65	1	0	0	0	66	66
8:00	9:00	67	7	4	0	0	81	78
9:00	10:00	61	6	4	0	0	74	71
10:00	11:00	61	7	1	0	0	67	69
11:00	12:00	71	8	3	0	0	83	82

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	72	9	3	0	0	84	84
13:00	14:00	76	10	0	1	0	83	87
14:00	15:00	81	7	0	0	0	85	88
15:00	16:00	97	13	0	0	0	104	110
16:00	17:00	67	16	5	0	0	88	88
17:00	18:00	75	4	2	0	0	82	81
18:00	19:00	80	8	1	0	0	87	89
19:00	20:00	44	6	0	0	0	47	50
20:00	21:00	27	9	0	0	0	32	36
21:00	22:00	29	6	0	0	0	32	35
22:00	23:00	25	14	0	0	0	32	39
23:00	0:00	7	6	0	0	0	10	13

**Movimento Contado****1 > 4****R. São José conv à dir. Av. Nove de Julho****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	5	0	0	0	0	5	12:00	12:15	16	1	1	0	0	19	18
0:15	0:30	7	0	0	0	0	7	12:15	12:30	25	4	2	0	0	32	31
0:30	0:45	6	2	0	0	0	7	12:30	12:45	13	3	0	0	0	15	16
0:45	1:00	5	1	0	0	0	6	12:45	13:00	18	1	0	0	0	19	19
1:00	1:15	7	0	0	0	0	7	13:00	13:15	19	4	0	0	0	21	23
1:15	1:30	1	0	0	0	0	1	13:15	13:30	22	3	0	0	0	24	25
1:30	1:45	0	0	0	0	0	0	13:30	13:45	18	1	0	0	0	19	19
1:45	2:00	3	1	0	0	0	4	13:45	14:00	17	2	0	1	0	20	20
2:00	2:15	5	1	0	0	0	6	14:00	14:15	21	1	0	0	0	22	22
2:15	2:30	4	0	0	0	0	4	14:15	14:30	24	2	0	0	0	25	26
2:30	2:45	1	0	0	0	0	1	14:30	14:45	14	0	0	0	0	14	14
2:45	3:00	1	0	0	0	0	1	14:45	15:00	22	4	0	0	0	24	26
3:00	3:15	1	0	0	0	0	1	15:00	15:15	24	4	0	0	0	26	28
3:15	3:30	1	0	0	0	0	1	15:15	15:30	24	1	0	0	0	25	25
3:30	3:45	0	0	0	0	0	0	15:30	15:45	24	2	0	0	0	25	26
3:45	4:00	0	0	0	0	0	0	15:45	16:00	25	6	0	0	0	28	31
4:00	4:15	3	0	0	0	0	3	16:00	16:15	21	6	1	0	0	27	28
4:15	4:30	1	0	0	0	0	1	16:15	16:30	15	4	2	0	0	22	21
4:30	4:45	1	0	0	0	0	1	16:30	16:45	20	4	1	0	0	25	25
4:45	5:00	0	0	0	0	0	0	16:45	17:00	11	2	1	0	0	15	14
5:00	5:15	1	0	0	0	0	1	17:00	17:15	15	2	1	0	0	19	18
5:15	5:30	2	0	0	0	0	2	17:15	17:30	16	0	0	0	0	16	16
5:30	5:45	0	0	0	0	0	0	17:30	17:45	17	1	0	0	0	18	18
5:45	6:00	0	1	0	0	0	1	17:45	18:00	27	1	1	0	0	30	29
6:00	6:15	2	0	0	0	0	2	18:00	18:15	24	1	1	0	0	27	26
6:15	6:30	2	1	0	0	0	3	18:15	18:30	26	1	0	0	0	27	27
6:30	6:45	8	0	0	0	0	8	18:30	18:45	16	4	0	0	0	18	20
6:45	7:00	16	1	0	0	0	17	18:45	19:00	14	2	0	0	0	15	16
7:00	7:15	20	0	0	0	0	20	19:00	19:15	17	3	0	0	0	19	20
7:15	7:30	18	1	0	0	0	19	19:15	19:30	11	1	0	0	0	12	12
7:30	7:45	14	0	0	0	0	14	19:30	19:45	9	0	0	0	0	9	9
7:45	8:00	13	0	0	0	0	13	19:45	20:00	7	2	0	0	0	8	9
8:00	8:15	13	2	2	0	0	19	20:00	20:15	9	0	0	0	0	9	9
8:15	8:30	9	0	1	0	0	12	20:15	20:30	4	2	0	0	0	5	6
8:30	8:45	22	1	1	0	0	25	20:30	20:45	6	1	0	0	0	7	7
8:45	9:00	23	4	0	0	0	25	20:45	21:00	8	6	0	0	0	11	14
9:00	9:15	14	1	0	0	0	15	21:00	21:15	6	0	0	0	0	6	6
9:15	9:30	19	3	2	0	0	26	21:15	21:30	3	1	0	0	0	4	4
9:30	9:45	14	1	1	0	0	17	21:30	21:45	7	1	0	0	0	8	8
9:45	10:00	14	1	1	0	0	17	21:45	22:00	13	4	0	0	0	15	17
10:00	10:15	17	1	1	0	0	20	22:00	22:15	7	6	0	0	0	10	13
10:15	10:30	11	1	0	0	0	12	22:15	22:30	5	2	0	0	0	6	7
10:30	10:45	17	3	0	0	0	19	22:30	22:45	7	3	0	0	0	9	10
10:45	11:00	16	2	0	0	0	17	22:45	23:00	6	3	0	0	0	8	9
11:00	11:15	13	1	1	0	0	16	23:00	23:15	1	2	0	0	0	2	3
11:15	11:30	27	4	2	0	0	34	23:15	23:30	3	2	0	0	0	4	5
11:30	11:45	14	2	0	0	0	15	23:30	23:45	1	0	0	0	0	1	1
11:45	12:00	17	1	0	0	0	18	23:45	0:00	2	2	0	0	0	3	4

**Movimento Contado****2 > 2 Av. Nove de Julho Retorno****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	4	0	0	0	0	4	4
1:00	2:00	2	0	0	0	0	2	2
2:00	3:00	1	0	0	0	0	1	1
3:00	4:00	1	0	0	0	0	1	1
4:00	5:00	0	0	0	0	0	0	0
5:00	6:00	2	2	0	0	0	3	4
6:00	7:00	7	0	0	0	0	7	7
7:00	8:00	12	0	0	0	0	12	12
8:00	9:00	21	2	1	0	0	25	24
9:00	10:00	33	4	0	0	0	35	37
10:00	11:00	41	8	0	0	0	45	49
11:00	12:00	34	6	0	0	0	37	40

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	37	4	1	0	0	42	42
13:00	14:00	36	4	0	0	0	38	40
14:00	15:00	42	5	0	0	0	45	47
15:00	16:00	47	8	0	0	0	51	55
16:00	17:00	28	4	0	0	0	30	32
17:00	18:00	26	2	0	0	0	27	28
18:00	19:00	16	2	0	0	0	17	18
19:00	20:00	20	1	0	0	0	21	21
20:00	21:00	10	3	0	0	0	12	13
21:00	22:00	9	0	0	0	0	9	9
22:00	23:00	11	0	0	0	0	11	11
23:00	0:00	2	0	0	0	0	2	2

## Movimento Contado

2 &gt; 2

Av. Nove de Julho Retorno

## Fluxo veicular a cada 15 minutos

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

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

**Movimento Contado****2 > 3      Av. Nove de Julho conv à esq. R. São José****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	5	1	0	0	0	6	6
2:00	3:00	0	0	0	0	0	0	0
3:00	4:00	4	0	0	0	0	4	4
4:00	5:00	1	0	0	0	0	1	1
5:00	6:00	1	2	0	0	0	2	3
6:00	7:00	10	1	0	0	0	11	11
7:00	8:00	41	5	0	0	0	44	46
8:00	9:00	37	6	0	0	0	40	43
9:00	10:00	60	4	0	0	0	62	64
10:00	11:00	37	9	0	0	0	42	46
11:00	12:00	47	4	2	0	0	54	53

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	42	10	0	0	0	47	52
13:00	14:00	54	5	1	0	0	59	60
14:00	15:00	44	3	0	0	0	46	47
15:00	16:00	59	5	0	0	0	62	64
16:00	17:00	57	2	0	0	0	58	59
17:00	18:00	51	7	0	0	0	55	58
18:00	19:00	44	5	0	0	0	47	49
19:00	20:00	25	5	2	0	0	33	32
20:00	21:00	8	2	0	0	0	9	10
21:00	22:00	8	0	0	0	0	8	8
22:00	23:00	10	3	0	0	0	12	13
23:00	0:00	2	0	0	0	0	2	2

**Movimento Contado**
**2 > 3 Av. Nove de Julho conv à esq. R. São José**
**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	1	12:00	12:15	15	5	0	0	0	18	20
0:15	0:30	0	0	0	0	0	0	0	12:15	12:30	7	1	0	0	0	8	8
0:30	0:45	0	0	0	0	0	0	0	12:30	12:45	15	3	0	0	0	17	18
0:45	1:00	0	0	0	0	0	0	0	12:45	13:00	5	1	0	0	0	6	6
1:00	1:15	0	0	0	0	0	0	0	13:00	13:15	19	4	1	0	0	24	24
1:15	1:30	3	0	0	0	0	3	3	13:15	13:30	9	0	0	0	0	9	9
1:30	1:45	1	1	0	0	0	2	2	13:30	13:45	12	0	0	0	0	12	12
1:45	2:00	1	0	0	0	0	1	1	13:45	14:00	14	1	0	0	0	15	15
2:00	2:15	0	0	0	0	0	0	0	14:00	14:15	13	2	0	0	0	14	15
2:15	2:30	0	0	0	0	0	0	0	14:15	14:30	11	0	0	0	0	11	11
2:30	2:45	0	0	0	0	0	0	0	14:30	14:45	10	1	0	0	0	11	11
2:45	3:00	0	0	0	0	0	0	0	14:45	15:00	10	0	0	0	0	10	10
3:00	3:15	0	0	0	0	0	0	0	15:00	15:15	18	0	0	0	0	18	18
3:15	3:30	2	0	0	0	0	2	2	15:15	15:30	16	1	0	0	0	17	17
3:30	3:45	1	0	0	0	0	1	1	15:30	15:45	14	3	0	0	0	16	17
3:45	4:00	1	0	0	0	0	1	1	15:45	16:00	11	1	0	0	0	12	12
4:00	4:15	0	0	0	0	0	0	0	16:00	16:15	15	0	0	0	0	15	15
4:15	4:30	0	0	0	0	0	0	0	16:15	16:30	15	0	0	0	0	15	15
4:30	4:45	0	0	0	0	0	0	0	16:30	16:45	12	1	0	0	0	13	13
4:45	5:00	1	0	0	0	0	1	1	16:45	17:00	15	1	0	0	0	16	16
5:00	5:15	0	0	0	0	0	0	0	17:00	17:15	14	0	0	0	0	14	14
5:15	5:30	0	0	0	0	0	0	0	17:15	17:30	19	1	0	0	0	20	20
5:30	5:45	1	0	0	0	0	1	1	17:30	17:45	7	2	0	0	0	8	9
5:45	6:00	0	2	0	0	0	1	2	17:45	18:00	11	4	0	0	0	13	15
6:00	6:15	0	1	0	0	0	1	1	18:00	18:15	12	1	0	0	0	13	13
6:15	6:30	3	0	0	0	0	3	3	18:15	18:30	10	2	0	0	0	11	12
6:30	6:45	1	0	0	0	0	1	1	18:30	18:45	16	1	0	0	0	17	17
6:45	7:00	6	0	0	0	0	6	6	18:45	19:00	6	1	0	0	0	7	7
7:00	7:15	7	1	0	0	0	8	8	19:00	19:15	7	2	0	0	0	8	9
7:15	7:30	15	0	0	0	0	15	15	19:15	19:30	6	1	0	0	0	7	7
7:30	7:45	8	2	0	0	0	9	10	19:30	19:45	6	0	1	0	0	9	7
7:45	8:00	11	2	0	0	0	12	13	19:45	20:00	6	2	1	0	0	10	9
8:00	8:15	9	2	0	0	0	10	11	20:00	20:15	4	0	0	0	0	4	4
8:15	8:30	11	0	0	0	0	11	11	20:15	20:30	1	1	0	0	0	2	2
8:30	8:45	9	2	0	0	0	10	11	20:30	20:45	3	0	0	0	0	3	3
8:45	9:00	8	2	0	0	0	9	10	20:45	21:00	0	1	0	0	0	1	1
9:00	9:15	14	1	0	0	0	15	15	21:00	21:15	3	0	0	0	0	3	3
9:15	9:30	14	0	0	0	0	14	14	21:15	21:30	2	0	0	0	0	2	2
9:30	9:45	18	1	0	0	0	19	19	21:30	21:45	3	0	0	0	0	3	3
9:45	10:00	14	2	0	0	0	15	16	21:45	22:00	0	0	0	0	0	0	0
10:00	10:15	14	3	0	0	0	16	17	22:00	22:15	5	1	0	0	0	6	6
10:15	10:30	8	4	0	0	0	10	12	22:15	22:30	2	2	0	0	0	3	4
10:30	10:45	7	0	0	0	0	7	7	22:30	22:45	2	0	0	0	0	2	2
10:45	11:00	8	2	0	0	0	9	10	22:45	23:00	1	0	0	0	0	1	1
11:00	11:15	16	1	0	0	0	17	17	23:00	23:15	0	0	0	0	0	0	0
11:15	11:30	8	0	0	0	0	8	8	23:15	23:30	1	0	0	0	0	1	1
11:30	11:45	11	2	1	0	0	15	14	23:30	23:45	0	0	0	0	0	0	0
11:45	12:00	12	1	1	0	0	15	14	23:45	0:00	1	0	0	0	0	1	1

**Movimento Contado****2 > 4 Av. Nove de Julho em frente****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	40	8	0	1	0	46	49
1:00	2:00	35	4	0	1	0	39	40
2:00	3:00	28	2	0	0	0	29	30
3:00	4:00	21	5	0	2	0	28	28
4:00	5:00	10	2	0	0	0	11	12
5:00	6:00	29	4	1	1	0	36	35
6:00	7:00	225	16	1	10	0	256	252
7:00	8:00	362	31	1	28	0	436	422
8:00	9:00	401	52	5	21	0	482	479
9:00	10:00	467	58	3	11	0	526	539
10:00	11:00	408	70	8	13	0	489	499
11:00	12:00	414	69	4	14	0	487	501

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	447	80	5	13	0	526	545
13:00	14:00	446	80	5	13	0	525	544
14:00	15:00	433	66	3	12	0	498	514
15:00	16:00	467	85	5	18	0	558	575
16:00	17:00	468	62	4	21	0	551	555
17:00	18:00	456	74	3	25	0	551	558
18:00	19:00	505	88	1	19	0	590	613
19:00	20:00	286	50	1	12	0	338	349
20:00	21:00	163	19	2	11	0	200	195
21:00	22:00	150	22	0	7	0	175	179
22:00	23:00	135	24	0	9	0	165	168
23:00	0:00	56	13	1	8	0	81	78

## Movimento Contado

2 &gt; 4

Av. Nove de Julho 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	8	2	0	0	0	9		10	12:00 12:15	117	25	0	3	0	136	145	
0:15 0:30	15	2	0	1	0	18		18	12:15 12:30	115	22	4	4	0	144	145	
0:30 0:45	11	1	0	0	0	12		12	12:30 12:45	107	21	0	3	0	124	131	
0:45 1:00	6	3	0	0	0	8		9	12:45 13:00	108	12	1	3	0	123	124	
1:00 1:15	18	1	0	0	0	19		19	13:00 13:15	118	25	0	3	0	137	146	
1:15 1:30	8	0	0	0	0	8		8	13:15 13:30	113	22	4	4	0	142	143	
1:30 1:45	3	0	0	0	0	3		3	13:30 13:45	107	21	0	3	0	124	131	
1:45 2:00	6	3	0	1	0	10		10	13:45 14:00	108	12	1	3	0	123	124	
2:00 2:15	3	1	0	0	0	4		4	14:00 14:15	111	17	1	4	0	130	133	
2:15 2:30	11	1	0	0	0	12		12	14:15 14:30	106	16	0	2	0	118	124	
2:30 2:45	9	0	0	0	0	9		9	14:30 14:45	115	19	0	5	0	135	139	
2:45 3:00	5	0	0	0	0	5		5	14:45 15:00	101	14	2	1	0	115	118	
3:00 3:15	7	1	0	1	0	10		9	15:00 15:15	96	21	1	4	0	117	122	
3:15 3:30	8	2	0	0	0	9		10	15:15 15:30	128	20	0	4	0	146	152	
3:30 3:45	5	2	0	0	0	6		7	15:30 15:45	123	16	4	6	0	153	149	
3:45 4:00	1	0	0	1	0	3		2	15:45 16:00	120	28	0	4	0	142	152	
4:00 4:15	1	1	0	0	0	2		2	16:00 16:15	127	18	0	7	0	150	152	
4:15 4:30	2	1	0	0	0	3		3	16:15 16:30	117	14	2	3	0	135	136	
4:30 4:45	6	0	0	0	0	6		6	16:30 16:45	114	13	2	7	0	140	136	
4:45 5:00	1	0	0	0	0	1		1	16:45 17:00	110	17	0	4	0	127	131	
5:00 5:15	3	0	0	0	0	3		3	17:00 17:15	93	27	1	8	0	125	129	
5:15 5:30	5	1	0	0	0	6		6	17:15 17:30	126	21	0	6	0	149	153	
5:30 5:45	7	1	1	0	0	10		9	17:30 17:45	119	11	1	7	0	141	138	
5:45 6:00	14	2	0	1	0	17		17	17:45 18:00	118	15	1	4	0	136	138	
6:00 6:15	21	1	0	2	0	26		24	18:00 18:15	149	33	0	3	0	172	185	
6:15 6:30	27	2	0	1	0	30		30	18:15 18:30	145	21	0	6	0	168	172	
6:30 6:45	55	3	0	4	0	65		62	18:30 18:45	108	19	1	6	0	132	134	
6:45 7:00	122	10	1	3	0	136		136	18:45 19:00	103	15	0	4	0	119	122	
7:00 7:15	81	5	0	9	0	102		95	19:00 19:15	95	21	0	3	0	112	119	
7:15 7:30	89	10	0	5	0	104		104	19:15 19:30	86	14	0	3	0	99	103	
7:30 7:45	99	8	0	6	0	115		113	19:30 19:45	56	8	1	5	0	73	70	
7:45 8:00	93	8	1	8	0	116		110	19:45 20:00	49	7	0	1	0	55	57	
8:00 8:15	103	11	0	6	0	121		120	20:00 20:15	41	4	1	5	0	56	51	
8:15 8:30	104	17	2	3	0	124		126	20:15 20:30	46	4	0	1	0	50	51	
8:30 8:45	94	13	2	7	0	120		116	20:30 20:45	39	6	0	1	0	44	46	
8:45 9:00	100	11	1	5	0	118		117	20:45 21:00	37	5	1	4	0	50	47	
9:00 9:15	117	13	0	2	0	128		132	21:00 21:15	33	5	0	2	0	40	40	
9:15 9:30	91	6	1	2	0	101		100	21:15 21:30	45	5	0	0	0	48	50	
9:30 9:45	129	24	0	4	0	149		157	21:30 21:45	32	8	0	3	0	42	43	
9:45 10:00	130	15	2	3	0	149		150	21:45 22:00	40	4	0	2	0	46	46	
10:00 10:15	94	20	2	4	0	117		120	22:00 22:15	39	5	0	1	0	44	45	
10:15 10:30	112	13	2	2	0	128		129	22:15 22:30	36	12	0	4	0	50	52	
10:30 10:45	91	16	1	4	0	110		112	22:30 22:45	32	3	0	2	0	38	37	
10:45 11:00	111	21	3	3	0	135		138	22:45 23:00	28	4	0	2	0	34	34	
11:00 11:15	99	12	1	4	0	116		116	23:00 23:15	15	4	0	4	0	25	23	
11:15 11:30	107	23	2	2	0	128		134	23:15 23:30	16	5	1	0	0	21	22	
11:30 11:45	108	13	1	5	0	127		127	23:30 23:45	11	2	0	2	0	16	15	
11:45 12:00	100	21	0	3	0	117		124	23:45 0:00	14	2	0	2	0	19	18	

**Movimento Contado****4 > 2 Av. Nove de Julho em frente****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	32	3	0	1	0	36	36
1:00	2:00	19	1	0	1	0	22	21
2:00	3:00	10	2	0	1	0	13	13
3:00	4:00	7	0	0	1	0	9	8
4:00	5:00	3	0	0	0	0	3	3
5:00	6:00	19	2	0	1	0	22	22
6:00	7:00	114	20	0	11	0	146	145
7:00	8:00	224	27	2	23	0	289	276
8:00	9:00	285	38	5	11	0	339	339
9:00	10:00	349	47	2	7	0	392	405
10:00	11:00	341	43	5	7	0	389	396
11:00	12:00	348	63	5	9	0	410	425

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	348	68	2	11	0	409	429
13:00	14:00	379	47	2	9	0	426	437
14:00	15:00	399	55	2	6	0	444	462
15:00	16:00	443	59	7	10	0	510	519
16:00	17:00	411	54	4	13	0	474	482
17:00	18:00	436	52	6	12	0	501	506
18:00	19:00	389	44	2	10	0	436	445
19:00	20:00	203	24	1	5	0	228	233
20:00	21:00	133	17	2	5	0	157	157
21:00	22:00	114	10	0	4	0	127	128
22:00	23:00	84	10	0	5	0	99	99
23:00	0:00	44	5	1	2	0	53	52

## Movimento Contado

4 &gt; 2 Av. Nove de Julho 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	12	2	0	0	0	13			12:00 12:15	87	16	0	3	0	101		
0:15 0:30	11	1	0	1	0	14			12:15 12:30	83	19	1	1	0	97		
0:30 0:45	1	0	0	0	0	1			12:30 12:45	96	17	0	5	0	115		
0:45 1:00	8	0	0	0	0	8			12:45 13:00	82	16	1	2	0	97		
1:00 1:15	8	0	0	1	0	10			13:00 13:15	83	15	0	3	0	97		
1:15 1:30	5	0	0	0	0	5			13:15 13:30	96	10	1	1	0	106		
1:30 1:45	5	0	0	0	0	5			13:30 13:45	104	11	1	2	0	116		
1:45 2:00	1	1	0	0	0	2			13:45 14:00	96	11	0	3	0	108		
2:00 2:15	2	1	0	0	0	3			14:00 14:15	86	11	0	2	0	96		
2:15 2:30	4	0	0	1	0	6			14:15 14:30	98	11	0	1	0	106		
2:30 2:45	1	0	0	0	0	1			14:30 14:45	122	13	1	2	0	135		
2:45 3:00	3	1	0	0	0	4			14:45 15:00	93	20	1	1	0	108		
3:00 3:15	3	0	0	0	0	3			15:00 15:15	109	10	1	3	0	123		
3:15 3:30	1	0	0	0	0	1			15:15 15:30	120	13	3	1	0	136		
3:30 3:45	2	0	0	1	0	4			15:30 15:45	110	17	2	4	0	132		
3:45 4:00	1	0	0	0	0	1			15:45 16:00	104	19	1	2	0	120		
4:00 4:15	0	0	0	0	0	0			16:00 16:15	91	11	0	2	0	101		
4:15 4:30	0	0	0	0	0	0			16:15 16:30	114	16	1	5	0	135		
4:30 4:45	2	0	0	0	0	2			16:30 16:45	96	14	2	2	0	112		
4:45 5:00	1	0	0	0	0	1			16:45 17:00	110	13	1	4	0	127		
5:00 5:15	2	0	0	0	0	2			17:00 17:15	95	17	2	3	0	115		
5:15 5:30	1	0	0	0	0	1			17:15 17:30	119	8	2	2	0	132		
5:30 5:45	10	0	0	0	0	10			17:30 17:45	113	13	1	5	0	132		
5:45 6:00	6	2	0	1	0	9			17:45 18:00	109	14	1	2	0	123		
6:00 6:15	8	2	0	4	0	17			18:00 18:15	114	11	2	3	0	131		
6:15 6:30	13	6	0	0	0	16			18:15 18:30	102	9	0	3	0	113		
6:30 6:45	28	2	0	5	0	39			18:30 18:45	89	13	0	2	0	100		
6:45 7:00	65	10	0	2	0	74			18:45 19:00	84	11	0	2	0	94		
7:00 7:15	48	4	1	6	0	65			19:00 19:15	64	10	0	1	0	71		
7:15 7:30	57	10	1	8	0	81			19:15 19:30	48	6	1	2	0	58		
7:30 7:45	61	5	0	4	0	72			19:30 19:45	50	4	0	2	0	56		
7:45 8:00	58	8	0	5	0	72			19:45 20:00	41	4	0	0	0	43		
8:00 8:15	82	13	0	4	0	97			20:00 20:15	44	6	1	3	0	56		
8:15 8:30	57	11	1	3	0	71			20:15 20:30	28	1	1	0	0	31		
8:30 8:45	77	7	1	3	0	89			20:30 20:45	36	4	0	1	0	40		
8:45 9:00	69	7	3	1	0	82			20:45 21:00	25	6	0	1	0	30		
9:00 9:15	87	11	1	3	0	101			21:00 21:15	33	2	0	2	0	38		
9:15 9:30	85	10	0	1	0	92			21:15 21:30	25	1	0	1	0	28		
9:30 9:45	77	14	0	1	0	86			21:30 21:45	34	3	0	0	0	36		
9:45 10:00	100	12	1	2	0	113			21:45 22:00	22	4	0	1	0	26		
10:00 10:15	80	7	1	2	0	90			22:00 22:15	32	3	0	2	0	38		
10:15 10:30	90	10	1	2	0	102			22:15 22:30	17	3	0	1	0	21		
10:30 10:45	85	12	2	1	0	98			22:30 22:45	22	2	0	1	0	25		
10:45 11:00	86	14	1	2	0	100			22:45 23:00	13	2	0	1	0	16		
11:00 11:15	99	13	1	3	0	114			23:00 23:15	12	2	0	1	0	15		
11:15 11:30	92	17	3	2	0	112			23:15 23:30	12	3	1	0	0	16		
11:30 11:45	74	17	0	2	0	87			23:30 23:45	14	0	0	0	0	14		
11:45 12:00	83	16	1	2	0	98			23:45 0:00	6	0	0	1	0	8		

**Movimento Contado****4 > 3      Av. Nove de Julho conv à dir. R. São José****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	4	2	0	0	0	5	6
2:00	3:00	4	2	0	0	0	5	6
3:00	4:00	1	0	0	0	0	1	1
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	26	0	0	2	0	30	28
7:00	8:00	56	2	0	5	0	67	63
8:00	9:00	43	2	1	2	0	51	48
9:00	10:00	56	5	0	1	0	61	62
10:00	11:00	47	3	0	2	0	53	52
11:00	12:00	27	0	1	2	0	34	30

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	30	0	1	2	0	37	33
13:00	14:00	52	1	0	1	0	55	54
14:00	15:00	44	4	1	2	0	53	51
15:00	16:00	46	2	1	2	0	54	51
16:00	17:00	62	6	0	2	0	69	70
17:00	18:00	65	6	0	2	0	72	73
18:00	19:00	57	7	1	2	0	67	67
19:00	20:00	24	3	0	2	0	30	29
20:00	21:00	6	1	0	1	0	9	8
21:00	22:00	7	5	0	2	0	14	14
22:00	23:00	9	2	0	1	0	12	12
23:00	0:00	5	0	0	1	0	7	6

**Movimento Contado****4 > 3****Av. Nove de Julho conv à dir. R. São José****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	11	0	1	1	0	16	13
0:15	0:30	1	0	0	0	0	1	1	12:15	12:30	8	0	0	0	0	8	8
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	1	0	0	0	1	1	12:45	13:00	3	0	0	1	0	5	4
1:00	1:15	1	1	0	0	0	2	2	13:00	13:15	9	0	0	0	0	9	9
1:15	1:30	2	0	0	0	0	2	2	13:15	13:30	10	0	0	0	0	10	10
1:30	1:45	1	1	0	0	0	2	2	13:30	13:45	18	0	0	1	0	20	19
1:45	2:00	0	0	0	0	0	0	0	13:45	14:00	15	1	0	0	0	16	16
2:00	2:15	0	0	0	0	0	0	0	14:00	14:15	11	0	0	1	0	13	12
2:15	2:30	1	2	0	0	0	2	3	14:15	14:30	9	1	1	0	0	12	11
2:30	2:45	1	0	0	0	0	1	1	14:30	14:45	11	1	0	1	0	14	13
2:45	3:00	2	0	0	0	0	2	2	14:45	15:00	13	2	0	0	0	14	15
3:00	3:15	0	0	0	0	0	0	0	15:00	15:15	7	0	0	1	0	9	8
3:15	3:30	0	0	0	0	0	0	0	15:15	15:30	9	0	0	0	0	9	9
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	1	0	0	0	0	1	1	15:45	16:00	12	0	1	1	0	17	14
4:00	4:15	1	0	0	0	0	1	1	16:00	16:15	14	3	0	0	0	16	17
4:15	4:30	0	0	0	0	0	0	0	16:15	16:30	15	1	0	1	0	18	17
4:30	4:45	0	0	0	0	0	0	0	16:30	16:45	21	1	0	0	0	22	22
4:45	5:00	0	0	0	0	0	0	0	16:45	17:00	12	1	0	1	0	15	14
5:00	5:15	0	0	0	0	0	0	0	17:00	17:15	16	2	0	0	0	17	18
5:15	5:30	0	0	0	0	0	0	0	17:15	17:30	25	1	0	1	0	28	27
5:30	5:45	0	0	0	0	0	0	0	17:30	17:45	12	2	0	0	0	13	14
5:45	6:00	0	0	0	0	0	0	0	17:45	18:00	12	1	0	1	0	15	14
6:00	6:15	3	0	0	1	0	5	4	18:00	18:15	18	1	0	1	0	21	20
6:15	6:30	0	0	0	0	0	0	0	18:15	18:30	12	4	0	0	0	14	16
6:30	6:45	4	0	0	1	0	6	5	18:30	18:45	17	1	1	1	0	22	20
6:45	7:00	19	0	0	0	0	19	19	18:45	19:00	10	1	0	0	0	11	11
7:00	7:15	13	0	0	1	0	15	14	19:00	19:15	8	0	0	1	0	10	9
7:15	7:30	14	1	0	1	0	17	16	19:15	19:30	7	1	0	0	0	8	8
7:30	7:45	12	0	0	2	0	16	14	19:30	19:45	4	1	0	1	0	7	6
7:45	8:00	17	1	0	1	0	20	19	19:45	20:00	5	1	0	0	0	6	6
8:00	8:15	14	1	0	0	0	15	15	20:00	20:15	4	0	0	0	0	4	4
8:15	8:30	9	0	0	1	0	11	10	20:15	20:30	1	0	0	1	0	3	2
8:30	8:45	7	0	0	0	0	7	7	20:30	20:45	1	1	0	0	0	2	2
8:45	9:00	13	1	1	1	0	18	16	20:45	21:00	0	0	0	0	0	0	0
9:00	9:15	15	2	0	0	0	16	17	21:00	21:15	5	2	0	1	0	8	8
9:15	9:30	18	2	0	1	0	21	21	21:15	21:30	1	1	0	0	0	2	2
9:30	9:45	9	1	0	0	0	10	10	21:30	21:45	0	1	0	0	0	1	1
9:45	10:00	14	0	0	0	0	14	14	21:45	22:00	1	1	0	1	0	4	3
10:00	10:15	12	1	0	1	0	15	14	22:00	22:15	6	1	0	0	0	7	7
10:15	10:30	14	0	0	0	0	14	14	22:15	22:30	1	0	0	0	0	1	1
10:30	10:45	10	1	0	1	0	13	12	22:30	22:45	1	1	0	1	0	4	3
10:45	11:00	11	1	0	0	0	12	12	22:45	23:00	1	0	0	0	0	1	1
11:00	11:15	9	0	1	1	0	14	11	23:00	23:15	0	0	0	0	0	0	0
11:15	11:30	8	0	0	0	0	8	8	23:15	23:30	3	0	0	1	0	5	4
11:30	11:45	7	0	0	0	0	7	7	23:30	23:45	0	0	0	0	0	0	0
11:45	12:00	3	0	0	1	0	5	4	23:45	0:00	2	0	0	0	0	2	2