

RELATÓRIO DE PESQUISAS

CONTAGEM VEICULAR CLASSIFICADA

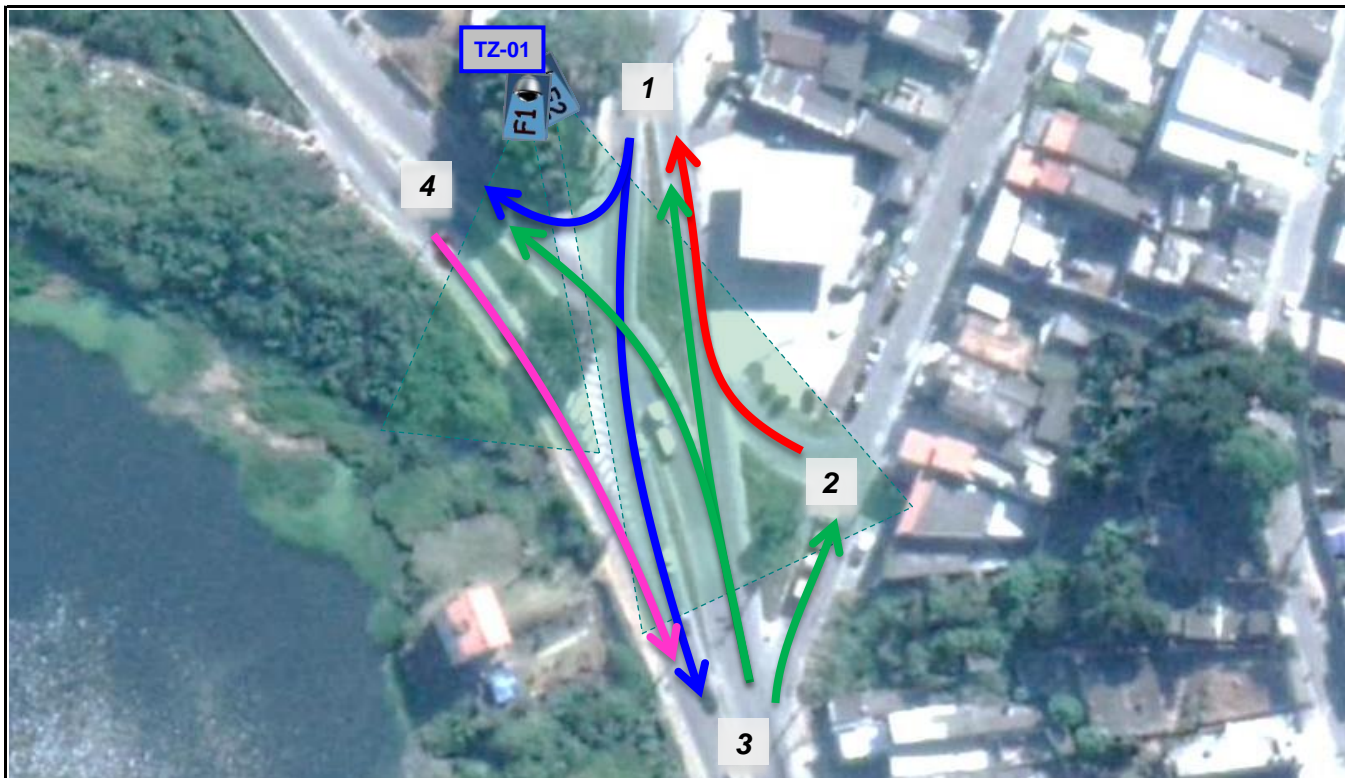
001 - Av. Francisco Marengo X R. Brás Cubas X Av. Katisutoshi Naito

Ref.: RT-AAP.001-3J21-001_A

Suzano - SP

Setembro de 2018

Croquis 001 - Av. Francisco Marengo X R. Brás Cubas X Av. Katisutoshi Naito



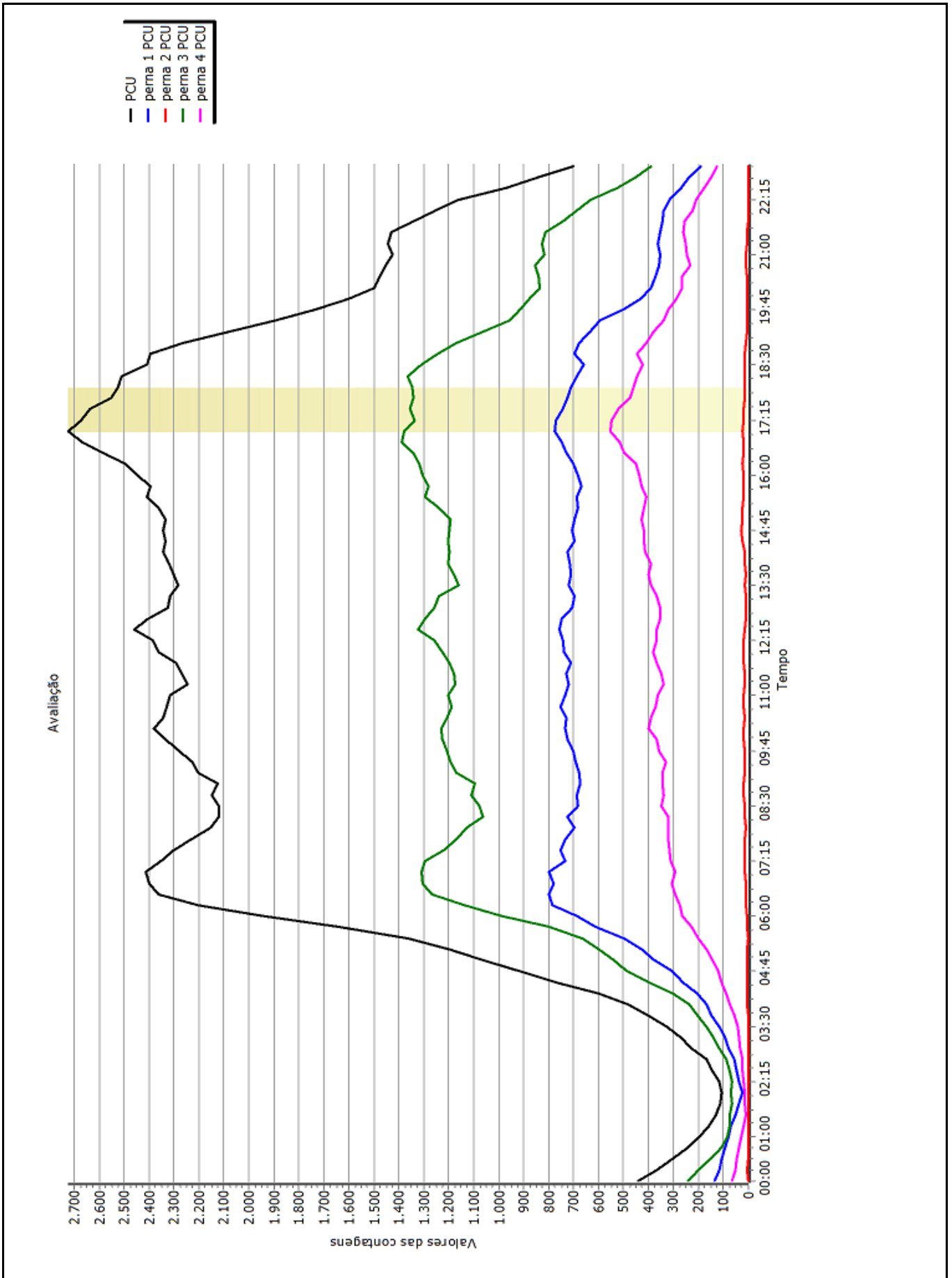
Vídeos



Movimentos Contados

- 1 > 3 Av. Francisco Marengo em frente
- 1 > 4 Av. Francisco Marengo conv à dir. Av. Katisutoshi Naito
- 2 > 1 R. Brás Cubas conv à dir. Av. Francisco Marengo
- 3 > 1 Av. Francisco Marengo em frente
- 3 > 2 Av. Francisco Marengo conv à dir. R. Brás Cubas
- 3 > 4 Av. Francisco Marengo conv à esq. Av. Katisutoshi Naito
- 4 > 3 Av. Katisutoshi Naito conv à dir. Av. Francisco Marengo

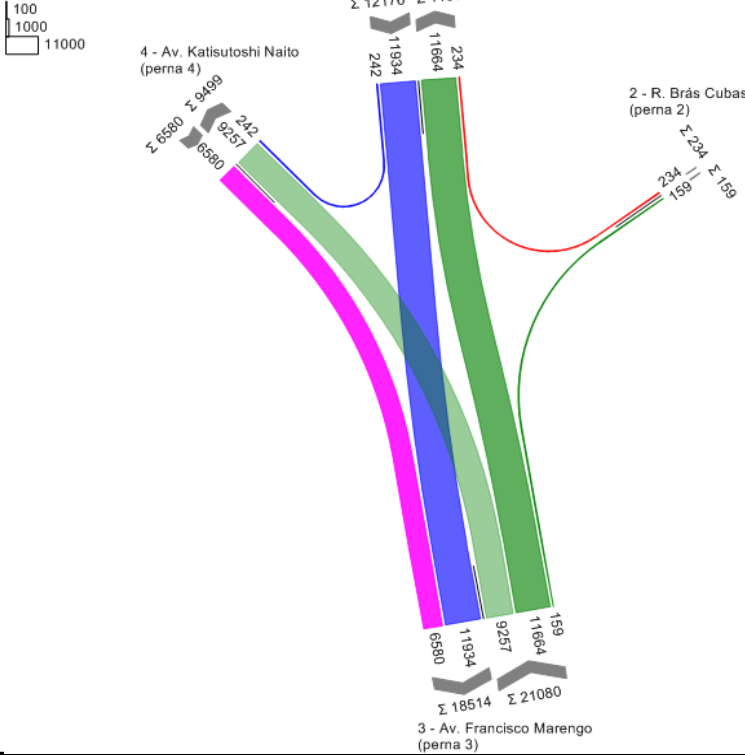
Perfil Horário 001 - Av. Francisco Marengo X R. Brás Cubas X Av. Katsutoshi Naito



Volume Total Diário

Contagem De 05-09-2018 às 13h00 até 06-09-2018 às 13h00
 Total On the basis of a time period 05.09.2018 00:00 - 06.09.2018 00:00
 40070 PCU

De \ Para	1	2	3	4
1			11934	242
2	234			
3	11664	159		9257
4			6580	



Volume Hora Pico

Contagem De 05-09-2018 às 13h00 até 06-09-2018 às 13h00
 Hora de pico 17:00 - 18:00
 On the basis of a time period 05.09.2018 00:00 - 06.09.2018 00:00
 2724 PCU

De \ Para	1	2	3	4
1			747	26
2	22			
3	766	7		606
4			550	

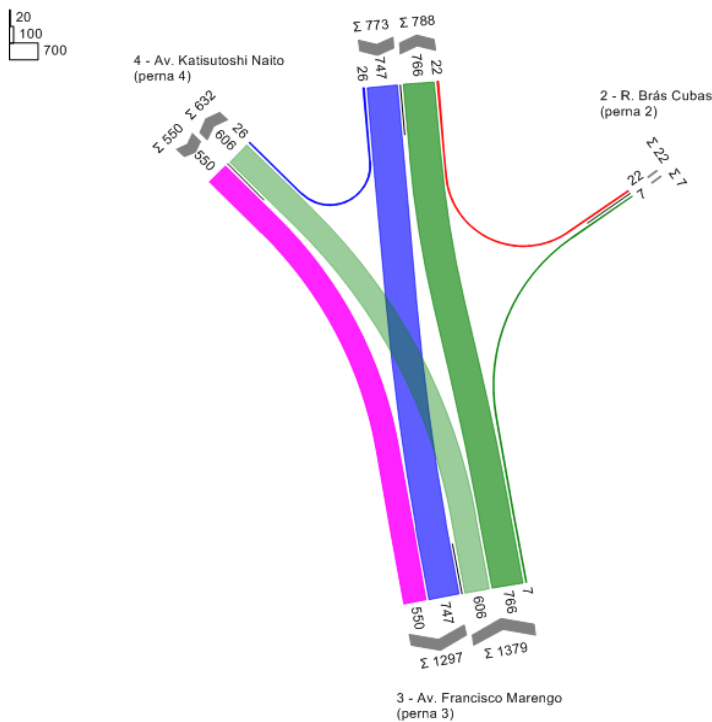
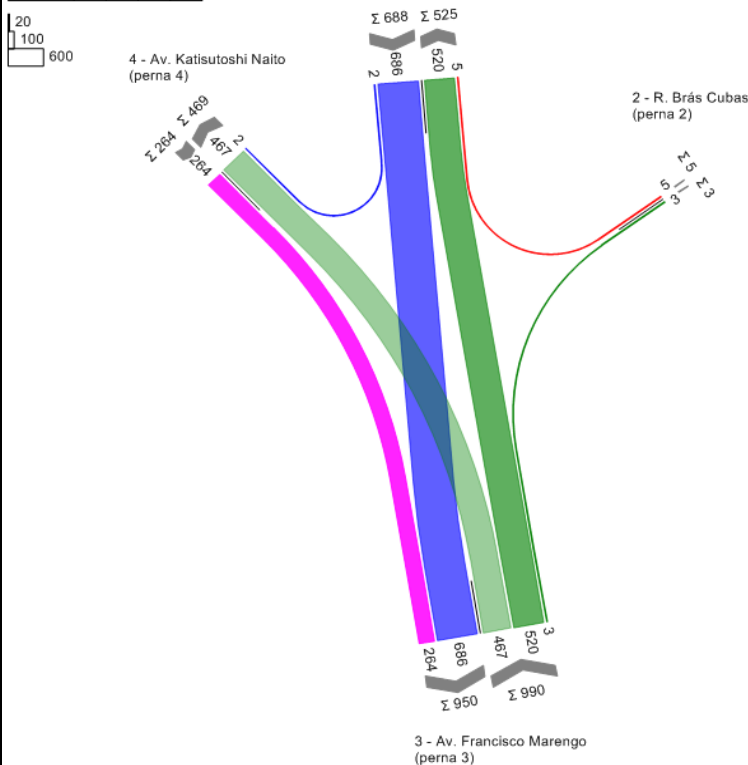


Diagrama de Fluxos 001 - Av. Francisco Marengo X R. Brás Cubas X Av. Katisutoshi Naito

Contagem De 05-09-2018 às 13h00 até 06-09-2018 às 13h00
 Valor horário máximo 06:00 - 07:00
 On the basis of a time period 05.09.2018 06:00 - 05.09.2018 07:00

1947 PCU

De \ Para	1	2	3	4
1			686	2
2	5			
3	520	3		467
4			264	



Contagem De 05-09-2018 às 13h00 até 06-09-2018 às 13h00
 Valor horário máximo 07:00 - 08:00
 On the basis of a time period 05.09.2018 07:00 - 05.09.2018 08:00

2412 PCU

De \ Para	1	2	3	4
1			792	5
2	14			
3	656	4		647
4			294	

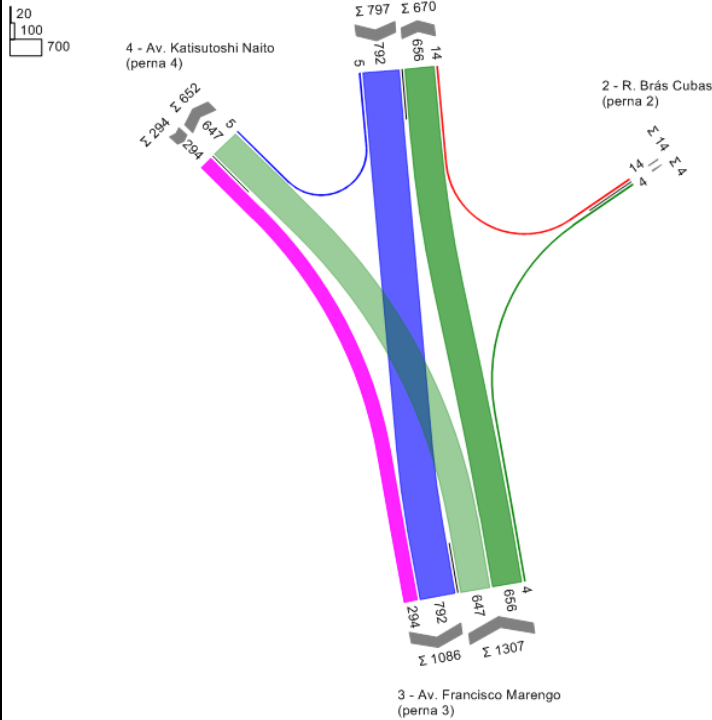
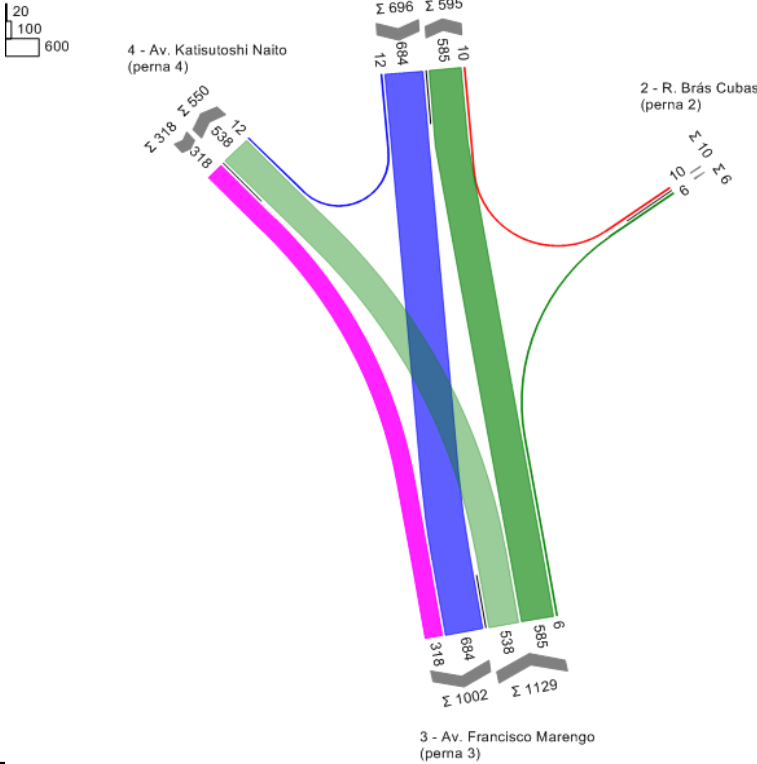


Diagrama de Fluxos 001 - Av. Francisco Marengo X R. Brás Cubas X Av. Katisutoshi Naito

Contagem De 05-09-2018 às 13h00 até 06-09-2018 às 13h00
 Valor horário máximo 08:00 - 09:00
 On the basis of a time period 05.09.2018 08:00 - 05.09.2018 09:00

2153 PCU

De \ Para	1	2	3	4
1			684	12
2	10			
3	585	6		538
4				318



Contagem De 05-09-2018 às 13h00 até 06-09-2018 às 13h00
 Valor horário máximo 09:00 - 10:00
 On the basis of a time period 05.09.2018 09:00 - 05.09.2018 10:00

2125 PCU

De \ Para	1	2	3	4
1			660	14
2	17			
3	560	8		524
4				342

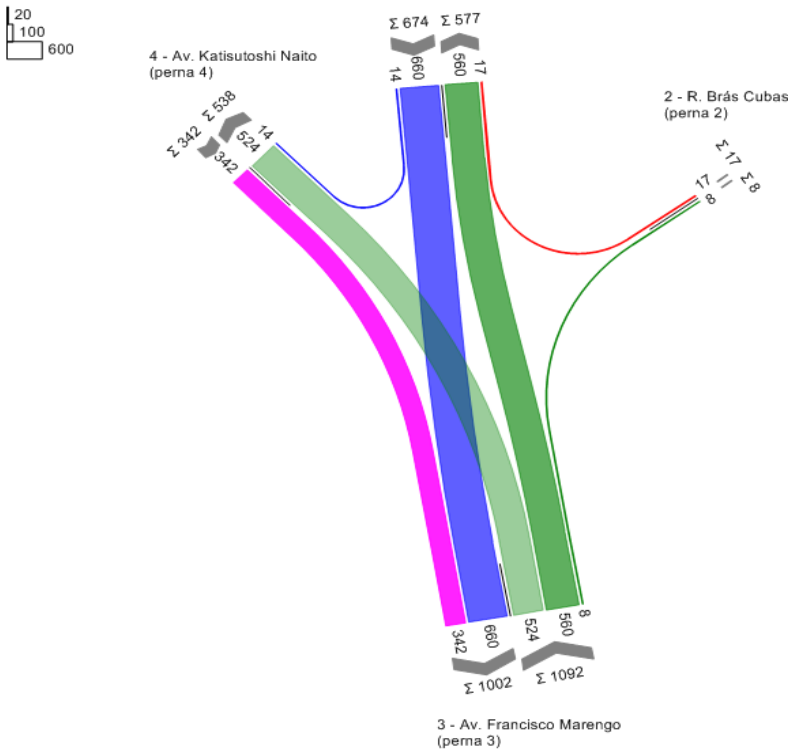


Diagrama de Fluxos 001 - Av. Francisco Marengo X R. Brás Cubas X Av. Katisutoshi Naito

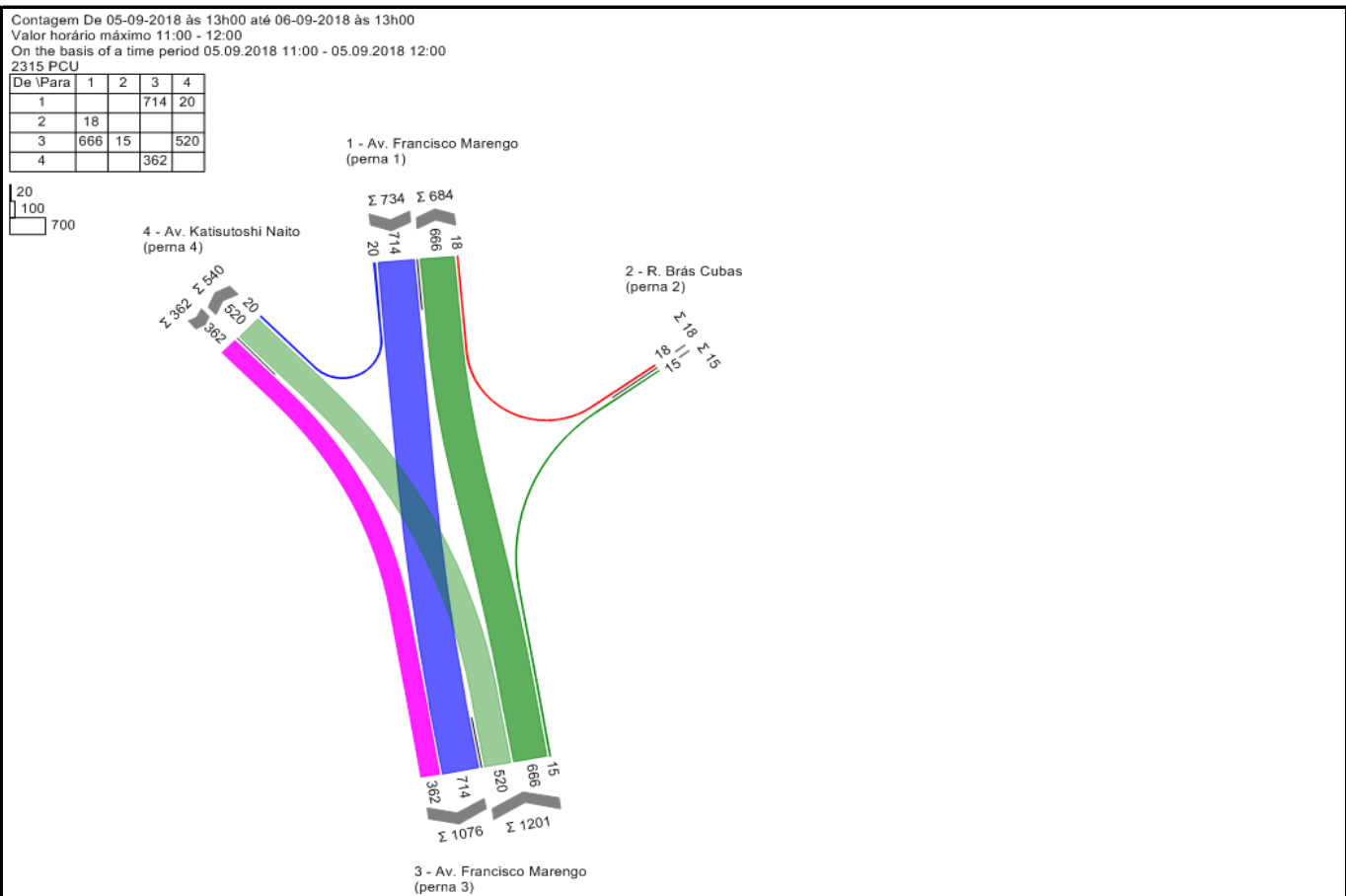
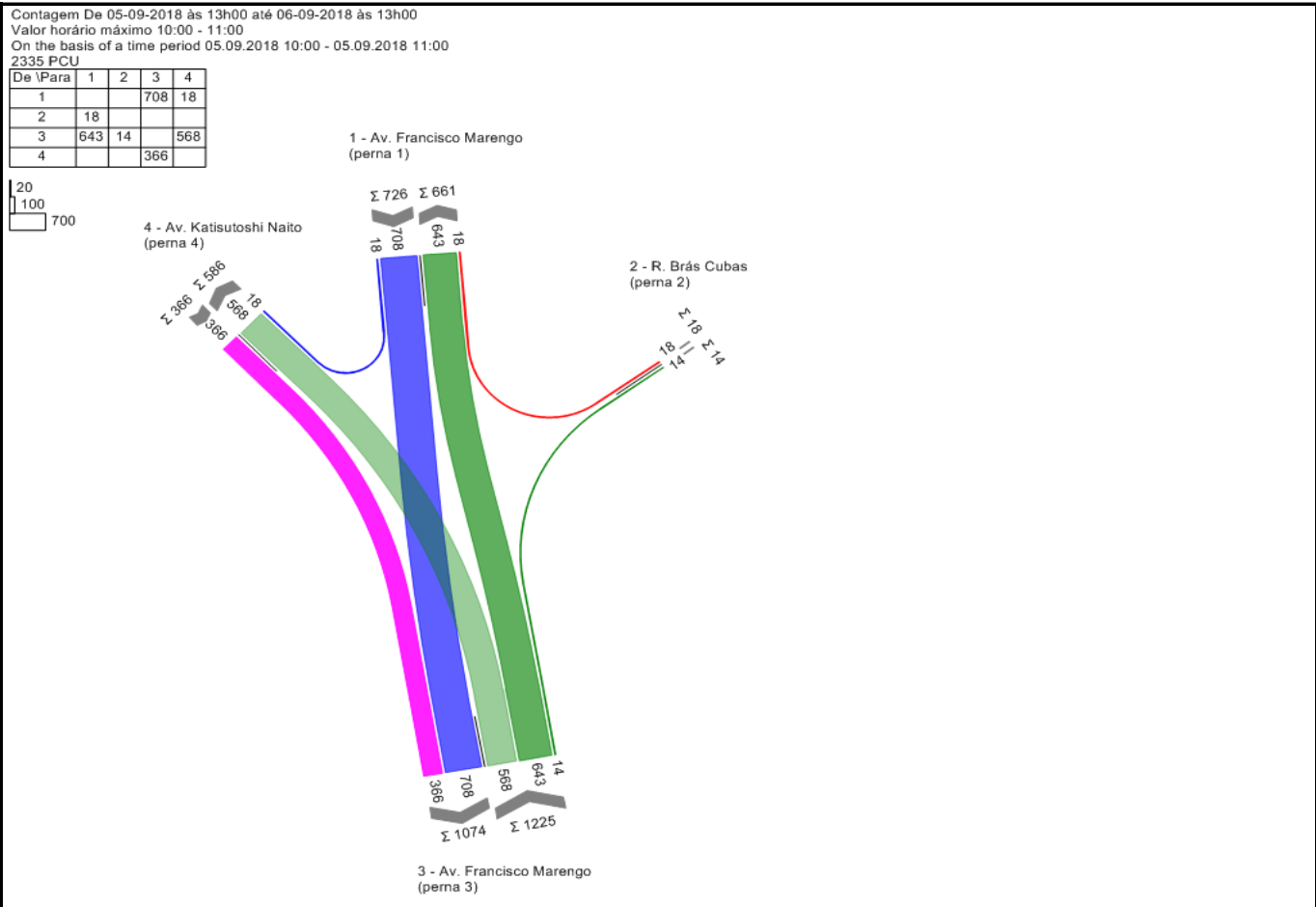


Diagrama de Fluxos 001 - Av. Francisco Marengo X R. Brás Cubas X Av. Katisutoshi Naito

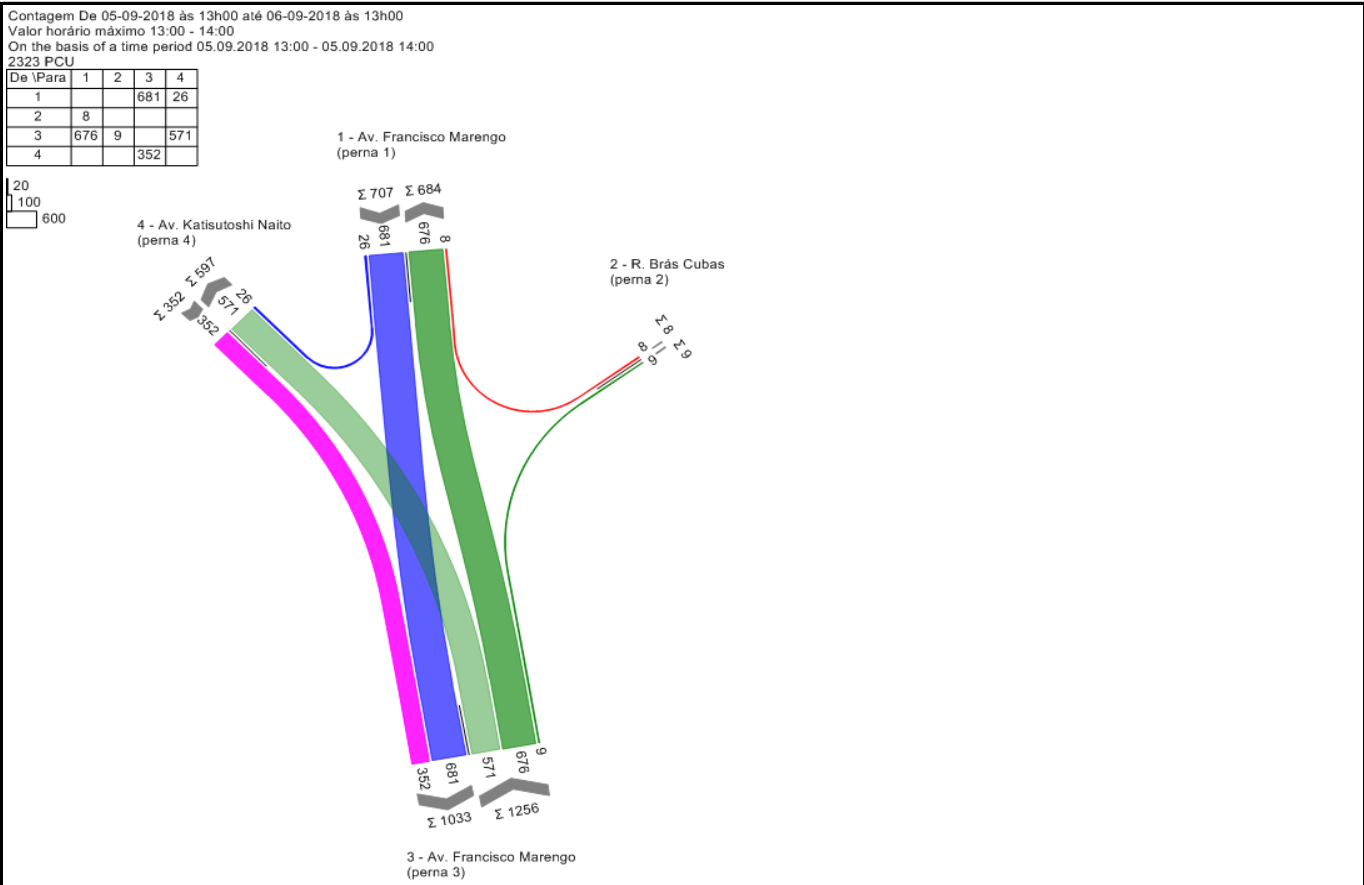
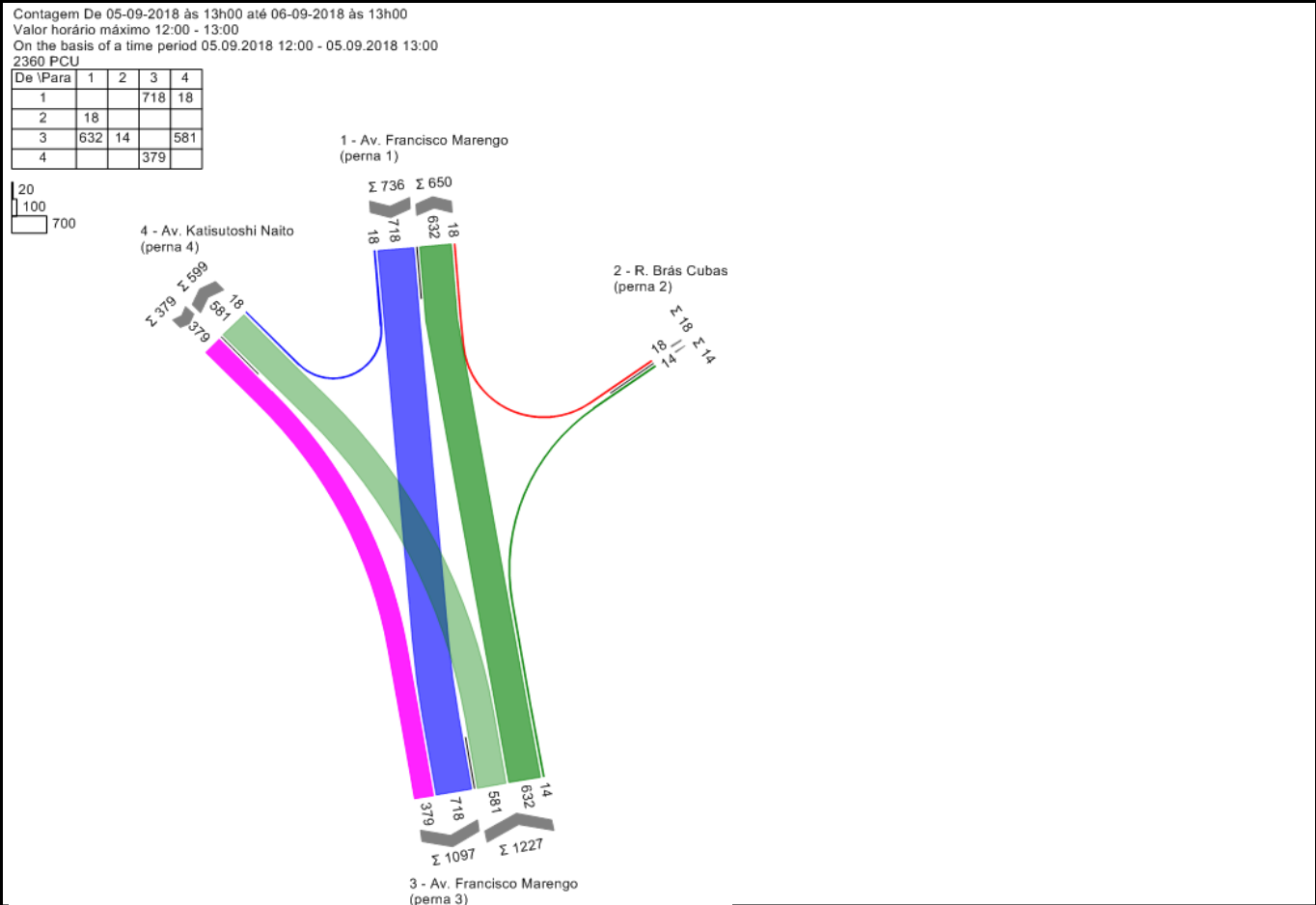
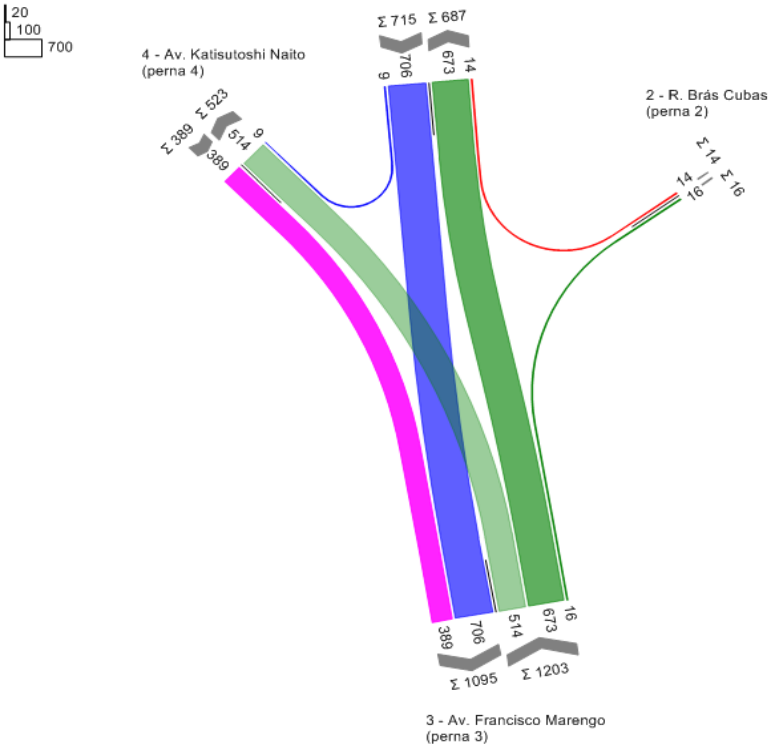


Diagrama de Fluxos 001 - Av. Francisco Marengo X R. Brás Cubas X Av. Katisutoshi Naito

Contagem De 05-09-2018 às 13h00 até 06-09-2018 às 13h00
 Valor horário máximo 14:00 - 15:00
 On the basis of a time period 05.09.2018 14:00 - 05.09.2018 15:00
 2321 PCU

De \ Para	1	2	3	4
1			706	9
2	14			
3	673	16		514
4			389	



Contagem De 05-09-2018 às 13h00 até 06-09-2018 às 13h00
 Valor horário máximo 15:00 - 16:00
 On the basis of a time period 05.09.2018 15:00 - 05.09.2018 16:00
 2334 PCU

De \ Para	1	2	3	4
1			678	16
2	24			
3	610	18		563
4			425	

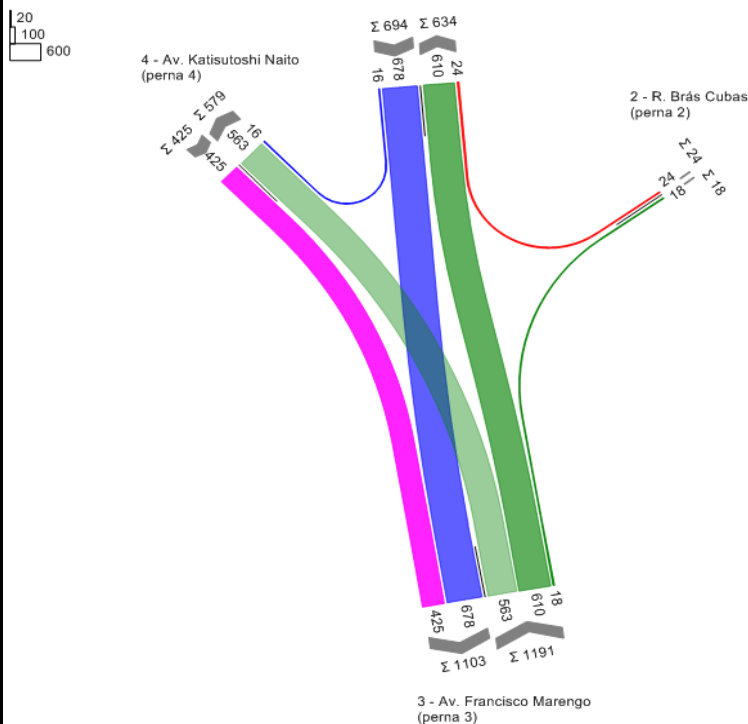


Diagrama de Fluxos 001 - Av. Francisco Marengo X R. Brás Cubas X Av. Katisutoshi Naito

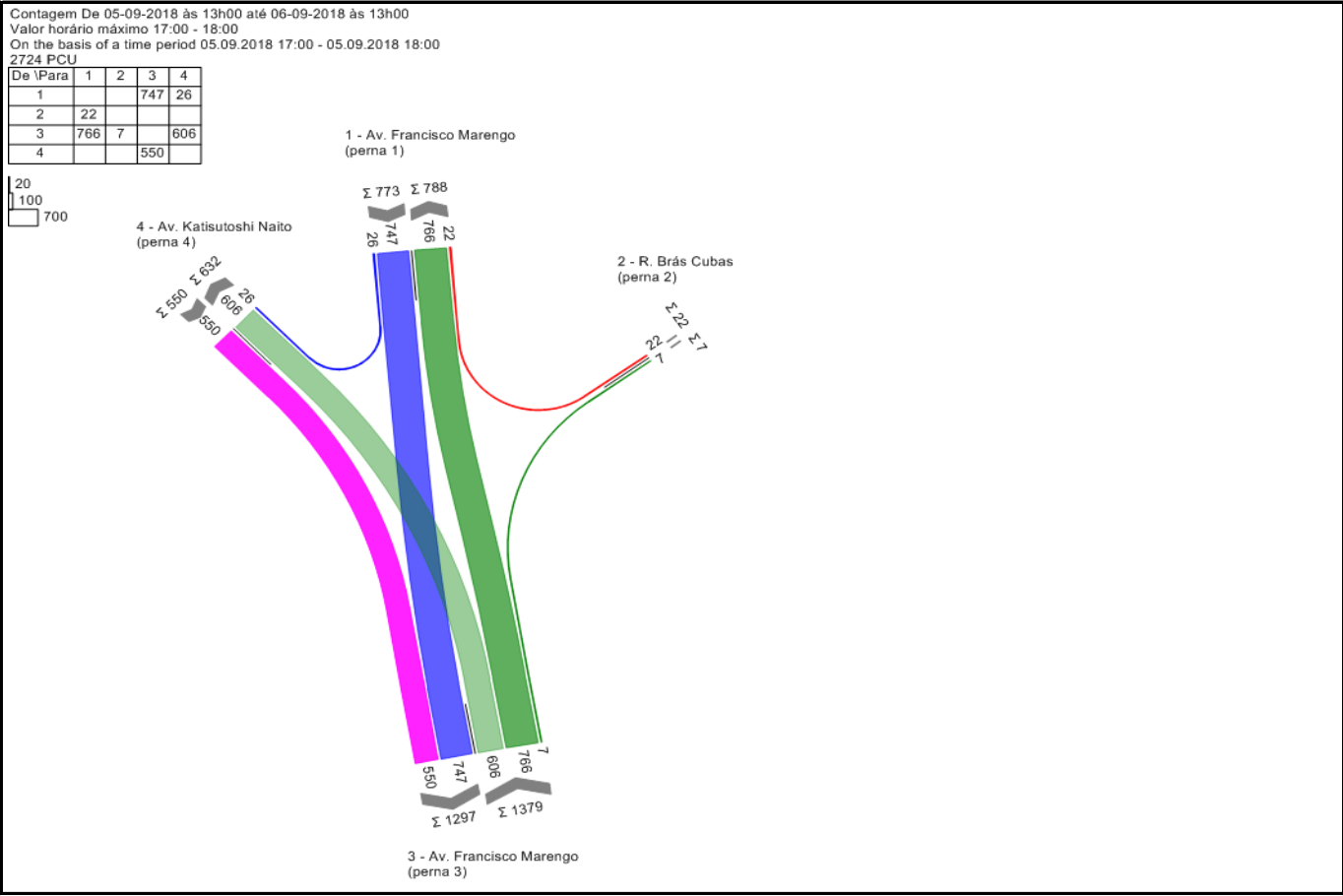
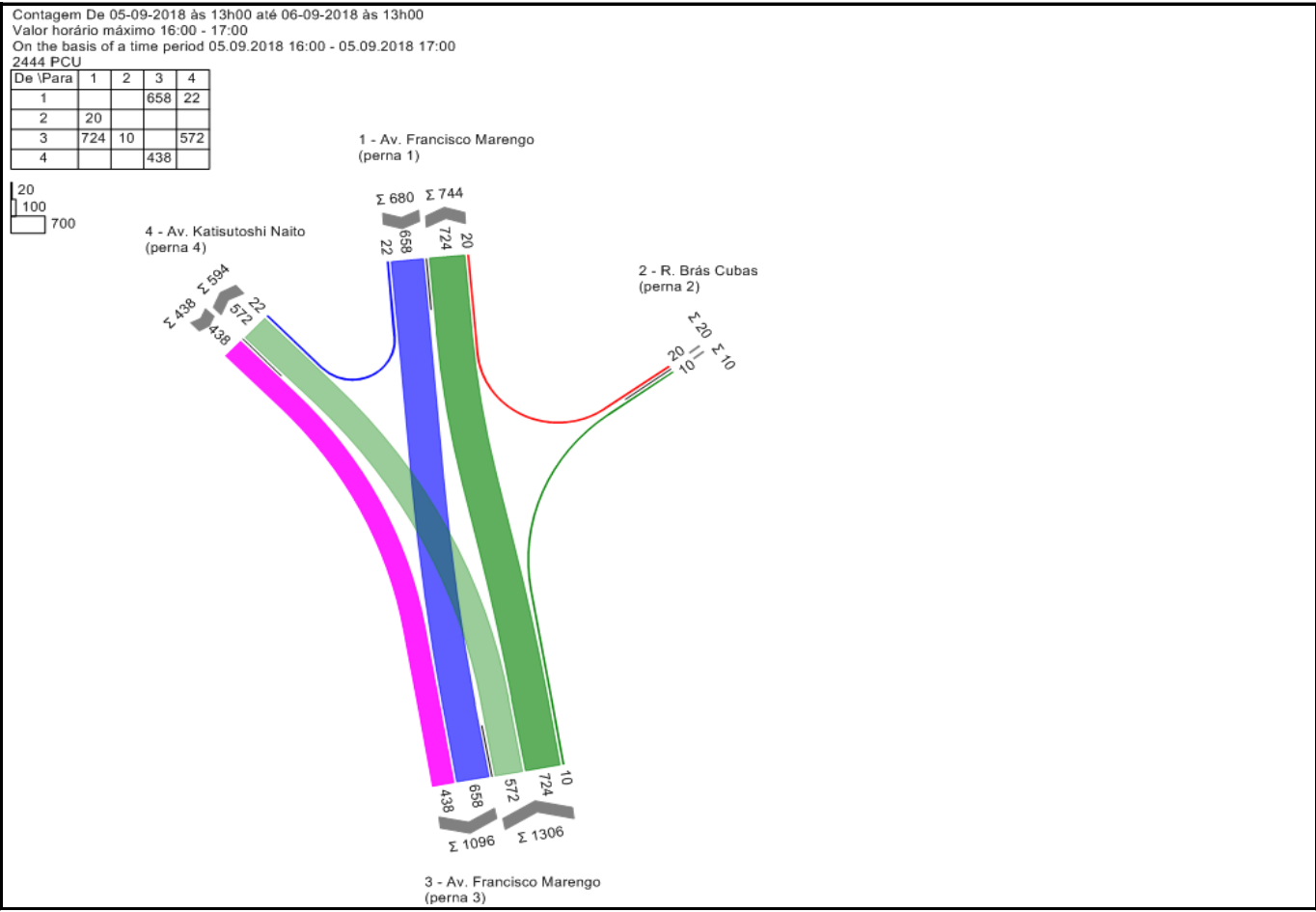
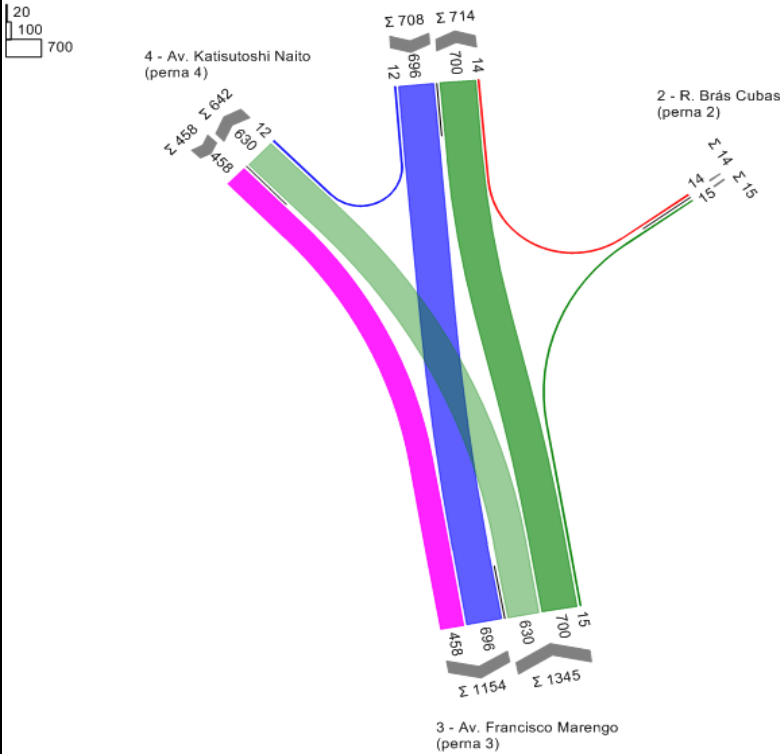


Diagrama de Fluxos 001 - Av. Francisco Marengo X R. Brás Cubas X Av. Katisutoshi Naito

Contagem De 05-09-2018 às 13h00 até 06-09-2018 às 13h00
 Valor horário máximo 18:00 - 19:00
 On the basis of a time period 05.09.2018 18:00 - 05.09.2018 19:00
 2525 PCU

De \ Para	1	2	3	4
1			696	12
2	14			
3	700	15		630
4			458	



Contagem De 05-09-2018 às 13h00 até 06-09-2018 às 13h00
 Valor horário máximo 19:00 - 20:00
 On the basis of a time period 05.09.2018 19:00 - 05.09.2018 20:00
 2264 PCU

De \ Para	1	2	3	4
1			666	12
2	7			
3	691	6		474
4			408	

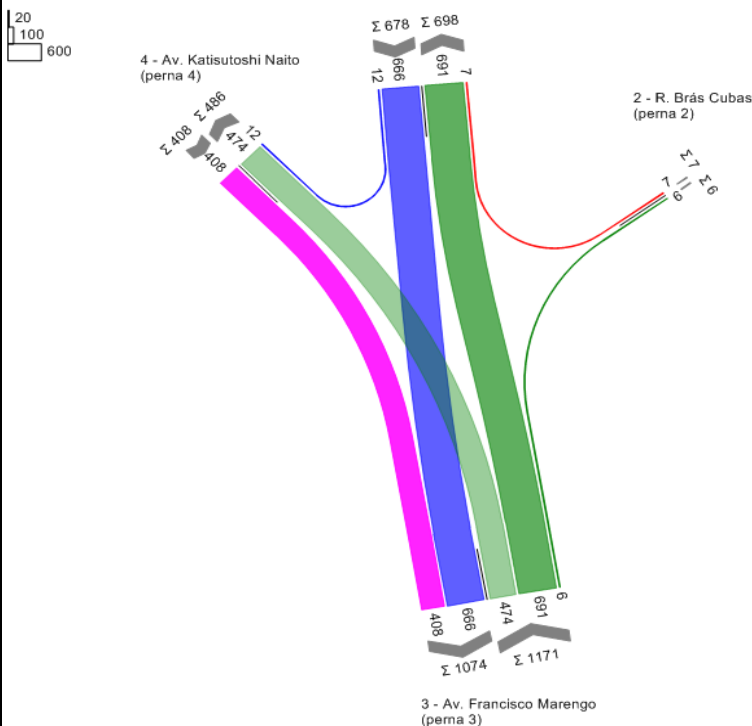
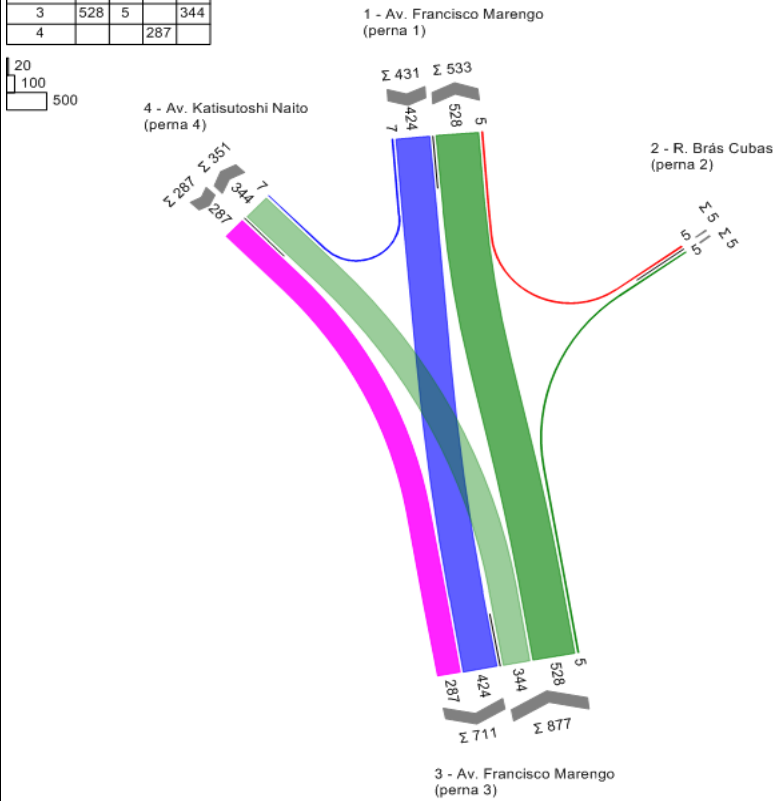


Diagrama de Fluxos 001 - Av. Francisco Marengo X R. Brás Cubas X Av. Katisutoshi Naito

Contagem De 05-09-2018 às 13h00 até 06-09-2018 às 13h00
 Valor horário máximo 20:00 - 21:00
 On the basis of a time period 05.09.2018 20:00 - 05.09.2018 21:00
 1600 PCU

De \ Para	1	2	3	4
1			424	7
2	5			
3	528	5		344
4			287	



Contagem De 05-09-2018 às 13h00 até 06-09-2018 às 13h00
 Valor horário máximo 21:00 - 22:00
 On the basis of a time period 05.09.2018 21:00 - 05.09.2018 22:00
 1423 PCU

De \ Para	1	2	3	4
1			346	6
2	8			
3	510	2		306
4			245	

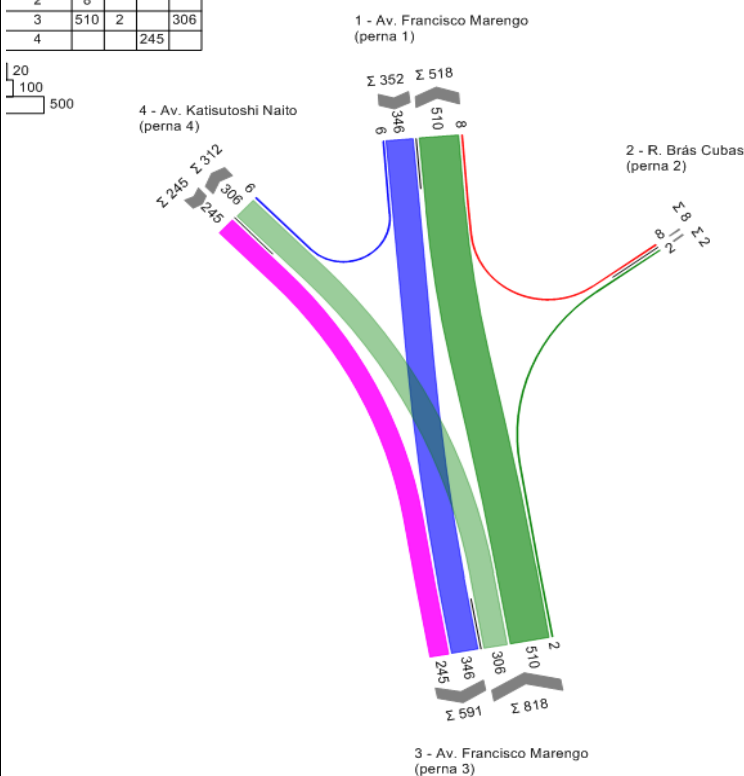
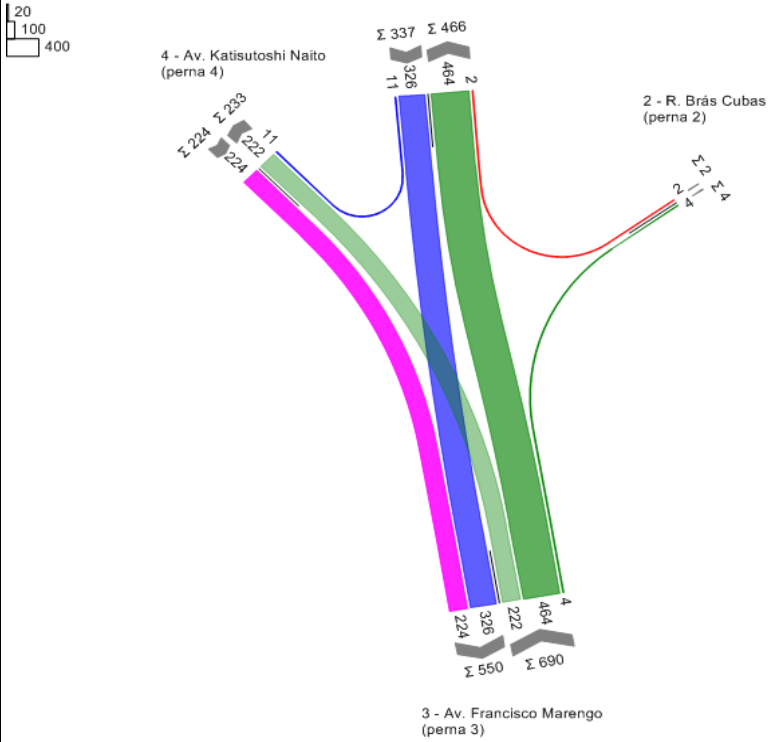


Diagrama de Fluxos 001 - Av. Francisco Marengo X R. Brás Cubas X Av. Katisutoshi Naito

Contagem De 05-09-2018 às 13h00 até 06-09-2018 às 13h00
 Valor horário máximo 22:00 - 23:00
 On the basis of a time period 05.09.2018 22:00 - 05.09.2018 23:00

1253 PCU

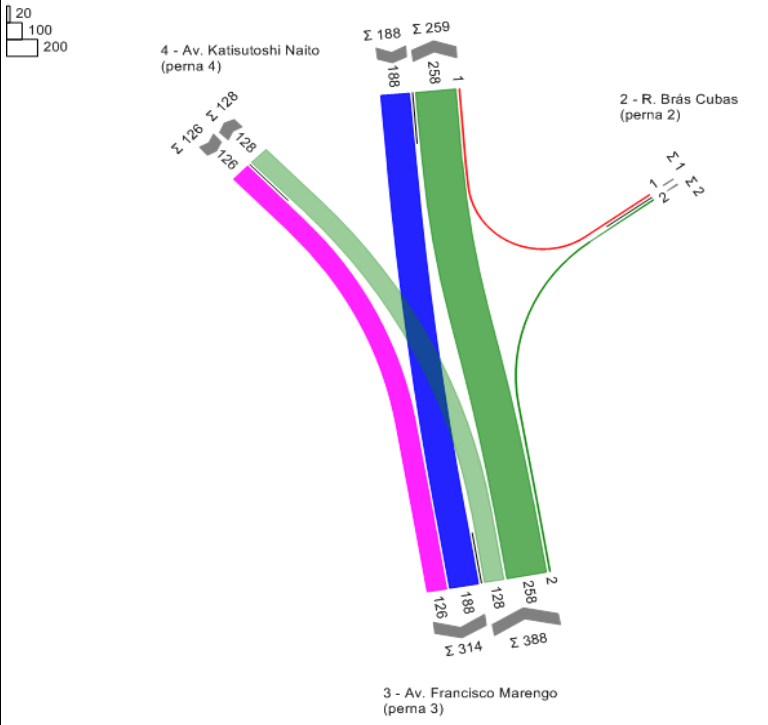
De \ Para	1	2	3	4
1			326	11
2	2			
3	464	4		222
4			224	



Contagem De 05-09-2018 às 13h00 até 06-09-2018 às 13h00
 Valor horário máximo 23:00 - 00:00
 On the basis of a time period 05.09.2018 23:00 - 06.09.2018 00:00

703 PCU

De \ Para	1	2	3	4
1			188	
2	1			
3	258	2		128
4			126	



PCU

001 - Av. Francisco Marengo X R. Brás Cubas X Av. Katsutoshi Naito

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. Francisco Marengo em frente



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	-	Truck	Bus	-	PCU	VEC
0:00	1:00	67	0	2	31	0	134	100
1:00	2:00	38	0	5	15	0	81	58
2:00	3:00	12	0	2	4	0	25	18
3:00	4:00	49	0	7	6	0	79	62
4:00	5:00	124	0	3	17	0	166	144
5:00	6:00	305	0	8	23	0	371	336
6:00	7:00	544	0	31	32	0	686	607
7:00	8:00	621	0	42	33	0	792	696
8:00	9:00	506	0	53	23	0	685	582
9:00	10:00	497	0	49	20	0	660	566
10:00	11:00	509	0	62	22	0	708	593
11:00	12:00	516	0	64	19	0	714	599

Período Tarde								
Período de	até	Car	-	Truck	Bus	-	PCU	VEC
12:00	13:00	548	0	53	19	0	719	620
13:00	14:00	526	0	46	20	0	681	592
14:00	15:00	507	0	63	21	0	707	591
15:00	16:00	460	0	72	19	0	678	551
16:00	17:00	481	0	50	26	0	658	557
17:00	18:00	590	0	46	21	0	747	657
18:00	19:00	581	0	27	24	0	697	632
19:00	20:00	567	0	19	26	0	667	612
20:00	21:00	363	0	10	18	0	424	391
21:00	22:00	293	0	6	19	0	346	318
22:00	23:00	276	0	4	20	0	326	300
23:00	0:00	133	0	6	20	0	188	159

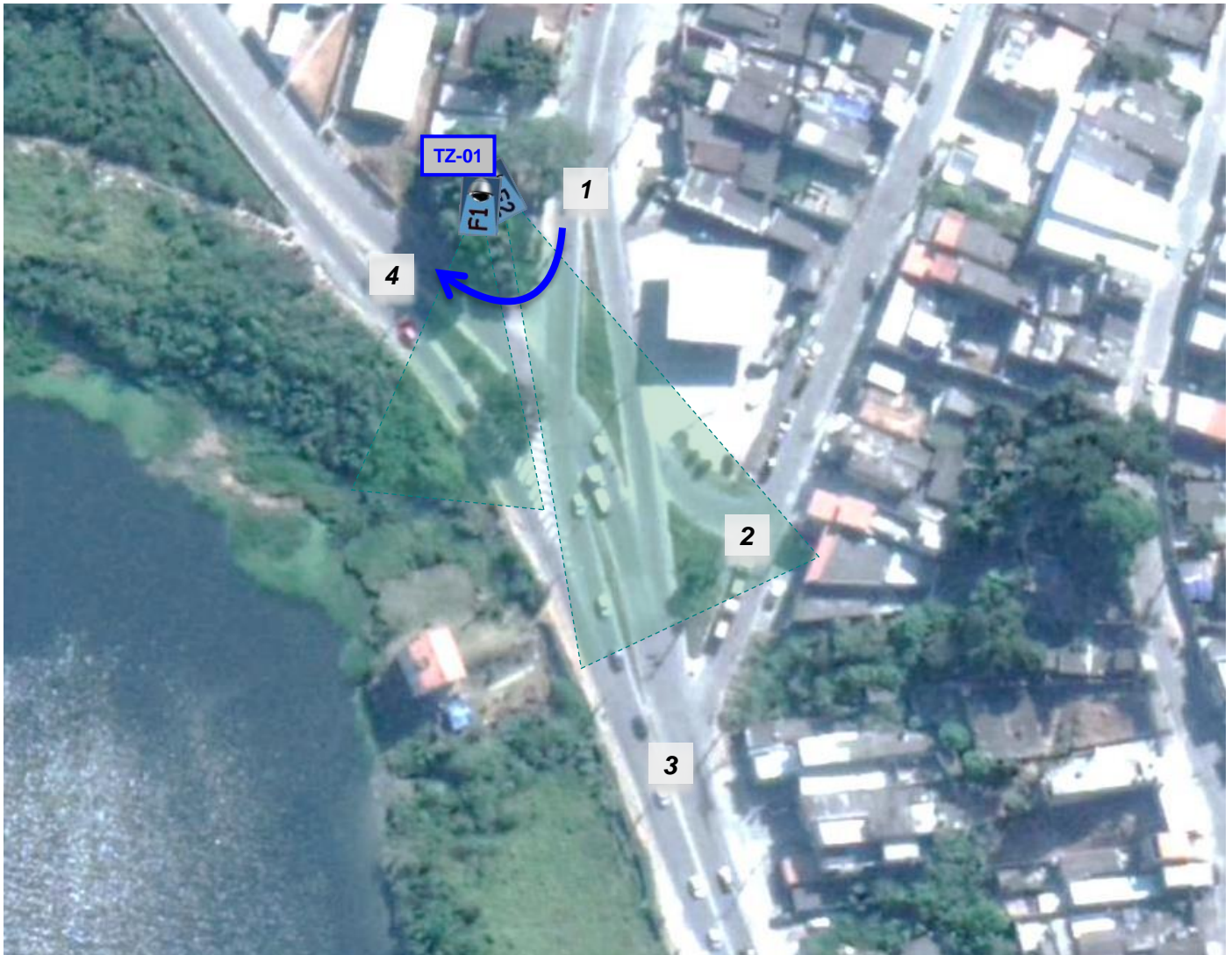
Movimento Contado
1 > 3 Av. Francisco Marengo em frente

Fluxo veicular a cada 15 minutos

Período Manhã								Período Tarde													
Período de até		Car	-	Truck	Bus	-	PCU	VEC		Período de até		Car	-	Truck	Bus	-	PCU	VEC			
0:00	0:15	25	0	1	6	0	40	134	32	100	12:00	12:15	120	0	15	5	0	168	719	140	620
0:15	0:30	16	0	1	9	0	37		26		12:15	12:30	128	0	15	4	0	174		147	
0:30	0:45	18	0	0	6	0	30		24		12:30	12:45	149	0	9	7	0	186		165	
0:45	1:00	8	0	0	10	0	28		18		12:45	13:00	151	0	14	3	0	192		168	
1:00	1:15	14	0	0	3	0	20	81	17	58	13:00	13:15	145	0	9	5	0	178	681	159	592
1:15	1:30	11	0	1	6	0	26		18		13:15	13:30	121	0	16	6	0	173		143	
1:30	1:45	3	0	3	4	0	19		10		13:30	13:45	140	0	12	4	0	178		156	
1:45	2:00	10	0	1	2	0	17		13		13:45	14:00	120	0	9	5	0	153		134	
2:00	2:15	3	0	0	2	0	7	25	5	18	14:00	14:15	115	0	17	5	0	168	707	137	591
2:15	2:30	3	0	1	1	0	8		5		14:15	14:30	150	0	17	7	0	207		174	
2:30	2:45	4	0	0	0	0	4		4		14:30	14:45	122	0	14	7	0	171		143	
2:45	3:00	2	0	1	1	0	7		4		14:45	15:00	120	0	15	2	0	162		137	
3:00	3:15	6	0	3	2	0	18	79	11	62	15:00	15:15	121	0	17	4	0	172	678	142	551
3:15	3:30	10	0	3	0	0	18		13		15:15	15:30	113	0	20	7	0	177		140	
3:30	3:45	13	0	0	1	0	15		14		15:30	15:45	121	0	19	5	0	179		145	
3:45	4:00	20	0	1	3	0	29		24		15:45	16:00	105	0	16	3	0	151		124	
4:00	4:15	22	0	0	4	0	30	166	26	144	16:00	16:15	117	0	11	6	0	157	658	134	557
4:15	4:30	26	0	2	5	0	41		33		16:15	16:30	124	0	17	7	0	181		148	
4:30	4:45	36	0	1	4	0	47		41		16:30	16:45	117	0	10	7	0	156		134	
4:45	5:00	40	0	0	4	0	48		44		16:45	17:00	123	0	12	6	0	165		141	
5:00	5:15	53	0	1	6	0	68	371	60	336	17:00	17:15	142	0	12	3	0	178	747	157	657
5:15	5:30	70	0	4	7	0	94		81		17:15	17:30	163	0	15	5	0	211		183	
5:30	5:45	79	0	3	3	0	93		85		17:30	17:45	140	0	8	6	0	172		154	
5:45	6:00	103	0	0	7	0	117		110		17:45	18:00	145	0	11	7	0	187		163	
6:00	6:15	89	0	4	11	0	121	686	104	607	18:00	18:15	161	0	4	4	0	179	697	169	632
6:15	6:30	140	0	4	6	0	162		150		18:15	18:30	138	0	13	5	0	181		156	
6:30	6:45	167	0	9	10	0	210		186		18:30	18:45	134	0	3	8	0	158		145	
6:45	7:00	148	0	14	5	0	193		167		18:45	19:00	148	0	7	7	0	180		162	
7:00	7:15	168	0	14	6	0	215	792	188	696	19:00	19:15	139	0	5	5	0	162	667	149	612
7:15	7:30	138	0	10	6	0	175		154		19:15	19:30	124	0	6	7	0	153		137	
7:30	7:45	142	0	10	12	0	191		164		19:30	19:45	166	0	4	7	0	190		177	
7:45	8:00	173	0	8	9	0	211		190		19:45	20:00	138	0	4	7	0	162		149	
8:00	8:15	111	0	13	3	0	150	685	127	582	20:00	20:15	105	0	2	4	0	118	424	111	391
8:15	8:30	137	0	19	5	0	195		161		20:15	20:30	91	0	4	7	0	115		102	
8:30	8:45	130	0	8	8	0	166		146		20:30	20:45	88	0	3	2	0	100		93	
8:45	9:00	128	0	13	7	0	175		148		20:45	21:00	79	0	1	5	0	92		85	
9:00	9:15	119	0	18	6	0	176	660	143	566	21:00	21:15	66	0	0	4	0	74	346	70	318
9:15	9:30	122	0	10	2	0	151		134		21:15	21:30	84	0	3	3	0	98		90	
9:30	9:45	138	0	6	8	0	169		152		21:30	21:45	72	0	0	7	0	86		79	
9:45	10:00	118	0	15	4	0	164		137		21:45	22:00	71	0	3	5	0	89		79	
10:00	10:15	129	0	13	8	0	178	708	150	593	22:00	22:15	73	0	3	2	0	85	326	78	300
10:15	10:30	120	0	16	4	0	168		140		22:15	22:30	69	0	0	8	0	85		77	
10:30	10:45	125	0	17	5	0	178		147		22:30	22:45	69	0	0	3	0	75		72	
10:45	11:00	135	0	16	5	0	185		156		22:45	23:00	65	0	1	7	0	82		73	
11:00	11:15	126	0	20	4	0	184	714	150	599	23:00	23:15	48	0	0	9	0	66	188	57	159
11:15	11:30	113	0	16	5	0	163		134		23:15	23:30	28	0	2	4	0	41		34	
11:30	11:45	150	0	15	4	0	196		169		23:30	23:45	29	0	4	4	0	47		37	
11:45	12:00	127	0	13	6	0	172		146		23:45	0:00	28	0	0	3	0	34		31	

Movimento Contado

1 > 4 Av. Francisco Marengo conv à dir. Av. Katisutoshi Naito



Fluxo veicular a cada hora

Período Manhã								
Período de até		Car	-	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	1	0	0	0	0	1	1
5:00	6:00	3	0	0	0	0	3	3
6:00	7:00	2	0	0	0	0	2	2
7:00	8:00	5	0	0	0	0	5	5
8:00	9:00	10	0	1	0	0	13	11
9:00	10:00	11	0	1	0	0	14	12
10:00	11:00	15	0	1	0	0	18	16
11:00	12:00	18	0	1	0	0	21	19

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

Movimento Contado
1 > 4
Av. Francisco Marengo conv à dir. Av. Katisutoshi Naito
Fluxo veicular a cada 15 minutos

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

Movimento Contado

2 > 1 R. Brás Cubas conv à dir. Av. Francisco Marengo



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	-	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	1	0	1	0	0	4	2
5:00	6:00	3	0	0	0	0	3	3
6:00	7:00	5	0	0	0	0	5	5
7:00	8:00	14	0	0	0	0	14	14
8:00	9:00	8	0	1	0	0	11	9
9:00	10:00	17	0	0	0	0	17	17
10:00	11:00	18	0	0	0	0	18	18
11:00	12:00	15	0	1	0	0	18	16

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

Movimento Contado
2 > 1
R. Brás Cubas conv à dir. Av. Francisco Marengo
Fluxo veicular a cada 15 minutos

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

Movimento Contado

3 > 1 Av. Francisco Marengo em frente



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	-	Truck	Bus	-	PCU	VEC
0:00	1:00	122	0	1	16	0	157	139
1:00	2:00	40	0	1	4	0	51	45
2:00	3:00	28	0	3	5	0	46	36
3:00	4:00	31	0	3	20	0	79	54
4:00	5:00	67	0	5	36	0	152	108
5:00	6:00	214	0	12	37	0	318	263
6:00	7:00	419	0	15	32	0	521	466
7:00	8:00	521	0	35	24	0	657	580
8:00	9:00	414	0	50	23	0	585	487
9:00	10:00	393	0	51	20	0	561	464
10:00	11:00	460	0	58	19	0	643	537
11:00	12:00	495	0	55	17	0	667	567

Período Tarde								
Período de	até	Car	-	Truck	Bus	-	PCU	VEC
12:00	13:00	517	0	31	19	0	633	567
13:00	14:00	522	0	48	17	0	676	587
14:00	15:00	495	0	52	24	0	673	571
15:00	16:00	475	0	39	19	0	611	533
16:00	17:00	578	0	41	22	0	725	641
17:00	18:00	628	0	39	20	0	766	687
18:00	19:00	629	0	13	19	0	700	661
19:00	20:00	615	0	16	18	0	691	649
20:00	21:00	479	0	13	8	0	528	500
21:00	22:00	467	0	7	13	0	511	487
22:00	23:00	436	0	3	10	0	464	449
23:00	0:00	228	0	3	11	0	258	242

Movimento Contado
3 > 1 Av. Francisco Marengo em frente
Fluxo veicular a cada 15 minutos

Período Manhã								Período Tarde									
Período de até		Car	-	Truck	Bus	-	PCU	VEC	Período de até		Car	-	Truck	Bus	-	PCU	VEC
0:00	0:15	40	0	0	5	0	50	45	12:00	12:15	117	0	10	4	0	150	131
0:15	0:30	33	0	1	7	0	50	41	12:15	12:30	130	0	7	7	0	162	144
0:30	0:45	29	0	0	3	0	35	32	12:30	12:45	132	0	9	3	0	161	144
0:45	1:00	20	0	0	1	0	22	21	12:45	13:00	138	0	5	5	0	161	148
1:00	1:15	15	0	0	2	0	19	17	13:00	13:15	125	0	10	4	0	158	139
1:15	1:30	10	0	0	1	0	12	11	13:15	13:30	141	0	10	8	0	182	159
1:30	1:45	9	0	1	0	0	12	10	13:30	13:45	119	0	14	2	0	158	135
1:45	2:00	6	0	0	1	0	8	7	13:45	14:00	137	0	14	3	0	178	154
2:00	2:15	8	0	1	2	0	15	11	14:00	14:15	107	0	17	6	0	162	130
2:15	2:30	6	0	0	1	0	8	7	14:15	14:30	120	0	10	4	0	153	134
2:30	2:45	7	0	1	0	0	10	8	14:30	14:45	132	0	13	9	0	183	154
2:45	3:00	7	0	1	2	0	14	10	14:45	15:00	136	0	12	5	0	176	153
3:00	3:15	4	0	0	2	0	8	6	15:00	15:15	97	0	10	4	0	130	111
3:15	3:30	4	0	1	6	0	19	11	15:15	15:30	127	0	6	4	0	150	137
3:30	3:45	9	0	0	3	0	15	12	15:30	15:45	126	0	13	5	0	169	144
3:45	4:00	14	0	2	9	0	37	25	15:45	16:00	125	0	10	6	0	162	141
4:00	4:15	11	0	1	10	0	34	22	16:00	16:15	146	0	10	5	0	181	161
4:15	4:30	15	0	1	8	0	34	24	16:15	16:30	150	0	11	7	0	192	168
4:30	4:45	19	0	1	9	0	40	29	16:30	16:45	127	0	10	3	0	158	140
4:45	5:00	22	0	2	9	0	45	33	16:45	17:00	155	0	10	7	0	194	172
5:00	5:15	41	0	0	11	0	63	52	17:00	17:15	152	0	12	5	0	192	169
5:15	5:30	55	0	3	15	0	93	73	17:15	17:30	155	0	11	5	0	193	171
5:30	5:45	66	0	5	4	0	87	75	17:30	17:45	155	0	8	4	0	183	167
5:45	6:00	52	0	4	7	0	76	63	17:45	18:00	166	0	8	6	0	198	180
6:00	6:15	69	0	1	11	0	94	81	18:00	18:15	144	0	4	2	0	158	150
6:15	6:30	97	0	5	7	0	124	109	18:15	18:30	173	0	4	4	0	191	181
6:30	6:45	108	0	5	6	0	133	119	18:30	18:45	144	0	1	7	0	161	152
6:45	7:00	145	0	4	8	0	171	157	18:45	19:00	168	0	4	6	0	190	178
7:00	7:15	132	0	6	8	0	163	146	19:00	19:15	171	0	6	2	0	190	179
7:15	7:30	151	0	7	7	0	183	165	19:15	19:30	169	0	7	5	0	197	181
7:30	7:45	125	0	11	5	0	163	141	19:30	19:45	137	0	2	4	0	150	143
7:45	8:00	113	0	11	4	0	149	128	19:45	20:00	138	0	1	7	0	155	146
8:00	8:15	112	0	11	6	0	152	129	20:00	20:15	108	0	5	1	0	123	114
8:15	8:30	99	0	10	6	0	136	115	20:15	20:30	124	0	3	4	0	140	131
8:30	8:45	90	0	15	6	0	140	111	20:30	20:45	110	0	2	1	0	117	113
8:45	9:00	113	0	14	5	0	158	132	20:45	21:00	137	0	3	2	0	149	142
9:00	9:15	88	0	7	7	0	120	102	21:00	21:15	107	0	1	4	0	118	112
9:15	9:30	102	0	15	4	0	148	121	21:15	21:30	119	0	2	4	0	132	125
9:30	9:45	101	0	18	7	0	160	126	21:30	21:45	131	0	1	3	0	140	135
9:45	10:00	102	0	11	2	0	134	115	21:45	22:00	110	0	3	2	0	122	115
10:00	10:15	122	0	12	5	0	162	139	22:00	22:15	119	0	0	2	0	123	121
10:15	10:30	120	0	11	4	0	156	135	22:15	22:30	139	0	1	3	0	148	143
10:30	10:45	98	0	22	5	0	163	125	22:30	22:45	106	0	0	3	0	112	109
10:45	11:00	120	0	13	5	0	163	138	22:45	23:00	72	0	2	2	0	81	76
11:00	11:15	120	0	16	2	0	164	138	23:00	23:15	91	0	0	4	0	99	95
11:15	11:30	119	0	12	6	0	161	137	23:15	23:30	56	0	2	2	0	65	60
11:30	11:45	114	0	11	5	0	152	130	23:30	23:45	44	0	1	3	0	53	48
11:45	12:00	142	0	16	4	0	190	162	23:45	0:00	37	0	0	2	0	41	39

Movimento Contado

3 > 2 Av. Francisco Marengo conv à dir. R. Brás Cubas



Fluxo veicular a cada hora

Período Manhã								
Período de até		Car	-	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	3	0	0	0	0	3	3
7:00	8:00	4	0	0	0	0	4	4
8:00	9:00	6	0	0	0	0	6	6
9:00	10:00	8	0	0	0	0	8	8
10:00	11:00	12	0	1	0	0	15	13
11:00	12:00	13	0	0	1	0	15	14

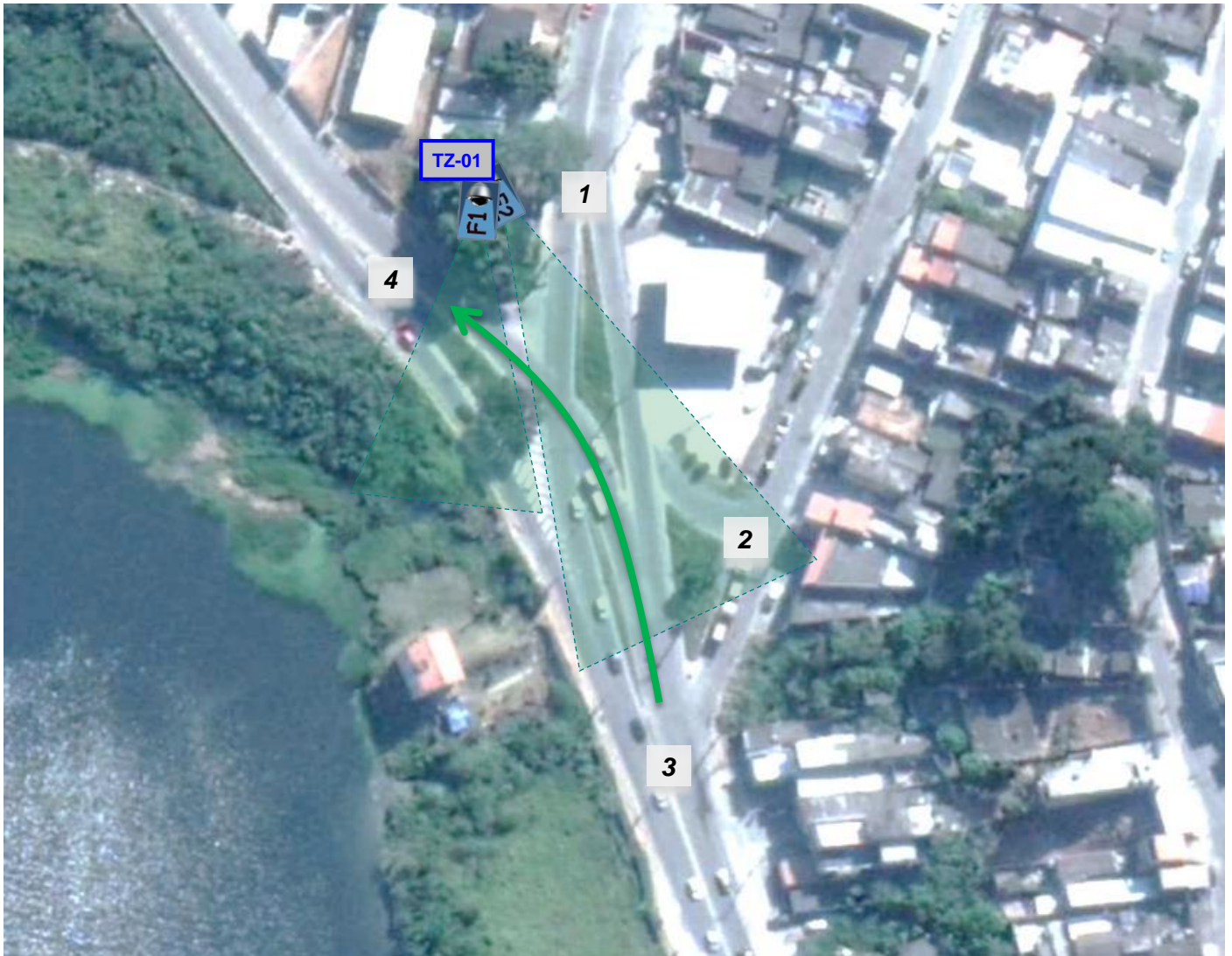
Período Tarde								
Período de até		Car	-	Truck	Bus	-	PCU	VEC
12:00	13:00	11	0	1	0	0	14	12
13:00	14:00	9	0	0	0	0	9	9
14:00	15:00	13	0	1	0	0	16	14
15:00	16:00	15	0	1	0	0	18	16
16:00	17:00	10	0	0	0	0	10	10
17:00	18:00	7	0	0	0	0	7	7
18:00	19:00	15	0	0	0	0	15	15
19:00	20:00	6	0	0	0	0	6	6
20:00	21:00	5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

Movimento Contado
3 > 2
Av. Francisco Marengo conv à dir. R. Brás Cubas
Fluxo veicular a cada 15 minutos

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

Movimento Contado

3 > 4 Av. Francisco Marengo conv à esq. Av. Katsutoshi Naito



Fluxo veicular a cada hora

Período Manhã								
Período de até		Car	-	Truck	Bus	-	PCU	VEC
0:00	1:00	61	0	3	6	0	81	70
1:00	2:00	26	0	0	4	0	34	30
2:00	3:00	13	0	5	0	0	26	18
3:00	4:00	23	0	4	2	0	37	29
4:00	5:00	61	0	4	7	0	85	72
5:00	6:00	166	0	15	9	0	222	190
6:00	7:00	411	0	16	8	0	467	435
7:00	8:00	546	0	26	18	0	647	590
8:00	9:00	452	0	27	9	0	538	488
9:00	10:00	401	0	43	8	0	525	452
10:00	11:00	411	0	54	11	0	568	476
11:00	12:00	384	0	51	4	0	520	439

Período Tarde								
Período de até		Car	-	Truck	Bus	-	PCU	VEC
12:00	13:00	425	0	56	8	0	581	489
13:00	14:00	448	0	42	9	0	571	499
14:00	15:00	385	0	45	8	0	514	438
15:00	16:00	414	0	54	7	0	563	475
16:00	17:00	425	0	53	7	0	572	485
17:00	18:00	505	0	33	9	0	606	547
18:00	19:00	534	0	29	12	0	631	575
19:00	20:00	402	0	19	12	0	474	433
20:00	21:00	290	0	16	7	0	344	313
21:00	22:00	262	0	13	6	0	307	281
22:00	23:00	197	0	5	6	0	222	208
23:00	0:00	105	0	7	3	0	129	115

Movimento Contado	
3 > 4	Av. Francisco Marengo conv à esq. Av. Katisutoshi Naito

Fluxo veicular a cada 15 minutos

Período Manhã									Período Tarde								
Período de até		Car	-	Truck	Bus	-	PCU	VEC	Período de até		Car	-	Truck	Bus	-	PCU	VEC
0:00	0:15	17	0	0	2	0	21	19	12:00	12:15	103	0	11	1	0	133	115
0:15	0:30	18	0	0	0	0	18	18	12:15	12:30	98	0	11	1	0	128	110
0:30	0:45	17	0	2	3	0	28	22	12:30	12:45	100	0	17	2	0	147	119
0:45	1:00	9	0	1	1	0	14	11	12:45	13:00	124	0	17	4	0	175	145
1:00	1:15	8	0	0	2	0	12	10	13:00	13:15	111	0	15	3	0	155	129
1:15	1:30	8	0	0	2	0	12	10	13:15	13:30	144	0	10	2	0	173	156
1:30	1:45	7	0	0	0	0	7	7	13:30	13:45	104	0	6	3	0	125	113
1:45	2:00	3	0	0	0	0	3	3	13:45	14:00	89	0	11	1	0	119	101
2:00	2:15	4	0	1	0	0	7	5	14:00	14:15	101	0	12	1	0	133	114
2:15	2:30	6	0	3	0	0	14	9	14:15	14:30	96	0	10	1	0	123	107
2:30	2:45	2	0	0	0	0	2	2	14:30	14:45	92	0	9	2	0	119	103
2:45	3:00	1	0	1	0	0	4	2	14:45	15:00	96	0	14	4	0	139	114
3:00	3:15	2	0	2	0	0	7	4	15:00	15:15	103	0	19	3	0	157	125
3:15	3:30	9	0	2	0	0	14	11	15:15	15:30	103	0	9	2	0	130	114
3:30	3:45	4	0	0	1	0	6	5	15:30	15:45	107	0	8	1	0	129	116
3:45	4:00	8	0	0	1	0	10	9	15:45	16:00	101	0	18	1	0	148	120
4:00	4:15	5	0	0	0	0	5	5	16:00	16:15	111	0	18	1	0	158	130
4:15	4:30	17	0	2	2	0	26	21	16:15	16:30	107	0	13	3	0	146	123
4:30	4:45	12	0	1	2	0	19	15	16:30	16:45	97	0	12	1	0	129	110
4:45	5:00	27	0	1	3	0	36	31	16:45	17:00	110	0	10	2	0	139	122
5:00	5:15	29	0	4	1	0	41	34	17:00	17:15	135	0	9	2	0	162	146
5:15	5:30	46	0	3	4	0	62	53	17:15	17:30	126	0	14	2	0	165	142
5:30	5:45	49	0	4	1	0	61	54	17:30	17:45	133	0	6	2	0	152	141
5:45	6:00	42	0	4	3	0	58	49	17:45	18:00	111	0	4	3	0	127	118
6:00	6:15	60	0	2	2	0	69	64	18:00	18:15	131	0	5	3	0	150	139
6:15	6:30	82	0	4	2	0	96	88	18:15	18:30	152	0	9	4	0	183	165
6:30	6:45	131	0	5	1	0	146	137	18:30	18:45	131	0	10	3	0	162	144
6:45	7:00	138	0	5	3	0	157	146	18:45	19:00	120	0	5	2	0	137	127
7:00	7:15	126	0	4	5	0	146	135	19:00	19:15	117	0	5	4	0	138	126
7:15	7:30	130	0	10	5	0	165	145	19:15	19:30	113	0	4	2	0	127	119
7:30	7:45	138	0	4	4	0	156	146	19:30	19:45	91	0	5	2	0	108	98
7:45	8:00	152	0	8	4	0	180	164	19:45	20:00	81	0	5	4	0	102	90
8:00	8:15	128	0	6	2	0	147	136	20:00	20:15	84	0	5	5	0	107	94
8:15	8:30	107	0	10	1	0	134	118	20:15	20:30	67	0	3	0	0	75	70
8:30	8:45	116	0	3	1	0	126	120	20:30	20:45	77	0	5	2	0	94	84
8:45	9:00	101	0	8	5	0	131	114	20:45	21:00	62	0	3	0	0	70	65
9:00	9:15	92	0	7	2	0	114	101	21:00	21:15	62	0	2	3	0	73	67
9:15	9:30	99	0	13	1	0	134	113	21:15	21:30	63	0	7	1	0	83	71
9:30	9:45	108	0	10	2	0	137	120	21:30	21:45	78	0	4	1	0	90	83
9:45	10:00	102	0	13	3	0	141	118	21:45	22:00	59	0	0	1	0	61	60
10:00	10:15	101	0	14	3	0	142	118	22:00	22:15	72	0	0	2	0	76	74
10:15	10:30	110	0	13	3	0	149	126	22:15	22:30	42	0	3	1	0	52	46
10:30	10:45	104	0	16	2	0	148	122	22:30	22:45	41	0	1	1	0	46	43
10:45	11:00	96	0	11	3	0	130	110	22:45	23:00	42	0	1	2	0	49	45
11:00	11:15	102	0	16	2	0	146	120	23:00	23:15	33	0	3	1	0	43	37
11:15	11:30	82	0	15	1	0	122	98	23:15	23:30	27	0	1	0	0	30	28
11:30	11:45	108	0	13	0	0	141	121	23:30	23:45	23	0	2	2	0	32	27
11:45	12:00	92	0	7	1	0	112	100	23:45	0:00	22	0	1	0	0	25	23

Movimento Contado

4 > 3 Av. Katisutoshi Naito conv à dir. Av. Francisco Marengo



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	-	Truck	Bus	-	PCU	VEC
0:00	1:00	57	0	0	3	0	63	60
1:00	2:00	23	0	0	2	0	27	25
2:00	3:00	9	0	1	0	0	12	10
3:00	4:00	16	0	1	7	0	33	24
4:00	5:00	39	0	4	13	0	75	56
5:00	6:00	98	0	6	16	0	145	120
6:00	7:00	210	0	7	18	0	264	235
7:00	8:00	229	0	18	10	0	294	257
8:00	9:00	229	0	26	12	0	318	267
9:00	10:00	229	0	35	13	0	343	277
10:00	11:00	262	0	35	8	0	366	305
11:00	12:00	274	0	31	5	0	362	310

Período Tarde								
Período de	até	Car	-	Truck	Bus	-	PCU	VEC
12:00	13:00	310	0	22	7	0	379	339
13:00	14:00	274	0	25	8	0	353	307
14:00	15:00	304	0	26	10	0	389	340
15:00	16:00	355	0	24	5	0	425	384
16:00	17:00	331	0	34	11	0	438	376
17:00	18:00	462	0	23	15	0	550	500
18:00	19:00	401	0	15	10	0	459	426
19:00	20:00	372	0	9	7	0	409	388
20:00	21:00	237	0	16	5	0	287	258
21:00	22:00	225	0	4	5	0	245	234
22:00	23:00	211	0	1	5	0	224	217
23:00	0:00	109	0	2	6	0	126	117

Movimento Contado	
4 > 3	Av. Katisutoshi Naito conv à dir. Av. Francisco Marengo

Fluxo veicular a cada 15 minutos

Período Manhã									Período Tarde								
Período de até		Car	-	Truck	Bus	-	PCU	VEC	Período de até		Car	-	Truck	Bus	-	PCU	VEC
0:00	0:15	22	0	0	1	0	24	23	12:00	12:15	66	0	9	3	0	95	78
0:15	0:30	12	0	0	0	0	12	12	12:15	12:30	68	0	7	1	0	88	76
0:30	0:45	12	0	0	2	0	16	14	12:30	12:45	88	0	5	2	0	105	95
0:45	1:00	11	0	0	0	0	11	11	12:45	13:00	88	0	1	1	0	93	90
1:00	1:15	8	0	0	1	0	10	9	13:00	13:15	63	0	6	2	0	82	71
1:15	1:30	8	0	0	1	0	10	9	13:15	13:30	66	0	5	4	0	87	75
1:30	1:45	4	0	0	0	0	4	4	13:30	13:45	78	0	5	0	0	91	83
1:45	2:00	3	0	0	0	0	3	3	13:45	14:00	67	0	9	2	0	94	78
2:00	2:15	0	0	0	0	0	0	0	14:00	14:15	82	0	4	2	0	96	88
2:15	2:30	2	0	0	0	0	2	2	14:15	14:30	78	0	11	2	0	110	91
2:30	2:45	5	0	1	0	0	8	6	14:30	14:45	76	0	8	3	0	102	87
2:45	3:00	2	0	0	0	0	2	2	14:45	15:00	68	0	3	3	0	82	74
3:00	3:15	2	0	1	1	0	7	4	15:00	15:15	89	0	11	1	0	119	101
3:15	3:30	4	0	0	2	0	8	6	15:15	15:30	98	0	6	1	0	115	105
3:30	3:45	5	0	0	1	0	7	6	15:30	15:45	89	0	4	1	0	101	94
3:45	4:00	5	0	0	3	0	11	8	15:45	16:00	79	0	3	2	0	91	84
4:00	4:15	6	0	2	1	0	13	9	16:00	16:15	82	0	10	2	0	111	94
4:15	4:30	6	0	0	3	0	12	9	16:15	16:30	81	0	7	3	0	105	91
4:30	4:45	8	0	1	4	0	19	13	16:30	16:45	90	0	8	5	0	120	103
4:45	5:00	19	0	1	5	0	32	25	16:45	17:00	78	0	9	1	0	103	88
5:00	5:15	20	0	1	3	0	29	24	17:00	17:15	103	0	5	5	0	126	113
5:15	5:30	19	0	1	3	0	28	23	17:15	17:30	120	0	9	4	0	151	133
5:30	5:45	21	0	2	4	0	34	27	17:30	17:45	123	0	5	1	0	138	129
5:45	6:00	38	0	2	6	0	55	46	17:45	18:00	116	0	4	5	0	136	125
6:00	6:15	40	0	1	4	0	51	45	18:00	18:15	106	0	3	4	0	122	113
6:15	6:30	43	0	2	6	0	60	51	18:15	18:30	116	0	4	0	0	126	120
6:30	6:45	50	0	2	4	0	63	56	18:30	18:45	77	0	2	3	0	88	82
6:45	7:00	77	0	2	4	0	90	83	18:45	19:00	102	0	6	3	0	123	111
7:00	7:15	47	0	5	2	0	64	54	19:00	19:15	100	0	1	2	0	107	103
7:15	7:30	50	0	5	6	0	75	61	19:15	19:30	97	0	2	1	0	104	100
7:30	7:45	64	0	3	2	0	76	69	19:30	19:45	98	0	4	2	0	112	104
7:45	8:00	68	0	5	0	0	81	73	19:45	20:00	77	0	2	2	0	86	81
8:00	8:15	54	0	8	4	0	82	66	20:00	20:15	67	0	4	1	0	79	72
8:15	8:30	54	0	6	4	0	77	64	20:15	20:30	47	0	4	2	0	61	53
8:30	8:45	63	0	6	2	0	82	71	20:30	20:45	79	0	5	0	0	92	84
8:45	9:00	58	0	6	2	0	77	66	20:45	21:00	44	0	3	2	0	56	49
9:00	9:15	59	0	8	2	0	83	69	21:00	21:15	54	0	0	1	0	56	55
9:15	9:30	67	0	10	6	0	104	83	21:15	21:30	49	0	2	3	0	60	54
9:30	9:45	49	0	8	2	0	73	59	21:30	21:45	58	0	0	1	0	60	59
9:45	10:00	54	0	9	3	0	83	66	21:45	22:00	64	0	2	0	0	69	66
10:00	10:15	58	0	9	1	0	83	68	22:00	22:15	57	0	0	2	0	61	59
10:15	10:30	69	0	6	3	0	90	78	22:15	22:30	66	0	0	2	0	70	68
10:30	10:45	71	0	11	2	0	103	84	22:30	22:45	52	0	1	1	0	57	54
10:45	11:00	64	0	9	2	0	91	75	22:45	23:00	36	0	0	0	0	36	36
11:00	11:15	81	0	13	2	0	118	96	23:00	23:15	35	0	2	4	0	48	41
11:15	11:30	55	0	10	0	0	80	65	23:15	23:30	35	0	0	0	0	35	35
11:30	11:45	67	0	5	2	0	84	74	23:30	23:45	24	0	0	2	0	28	26
11:45	12:00	71	0	3	1	0	81	75	23:45	0:00	15	0	0	0	0	15	15