

RELATÓRIO DE PESQUISAS

CONTAGEM VEICULAR CLASSIFICADA

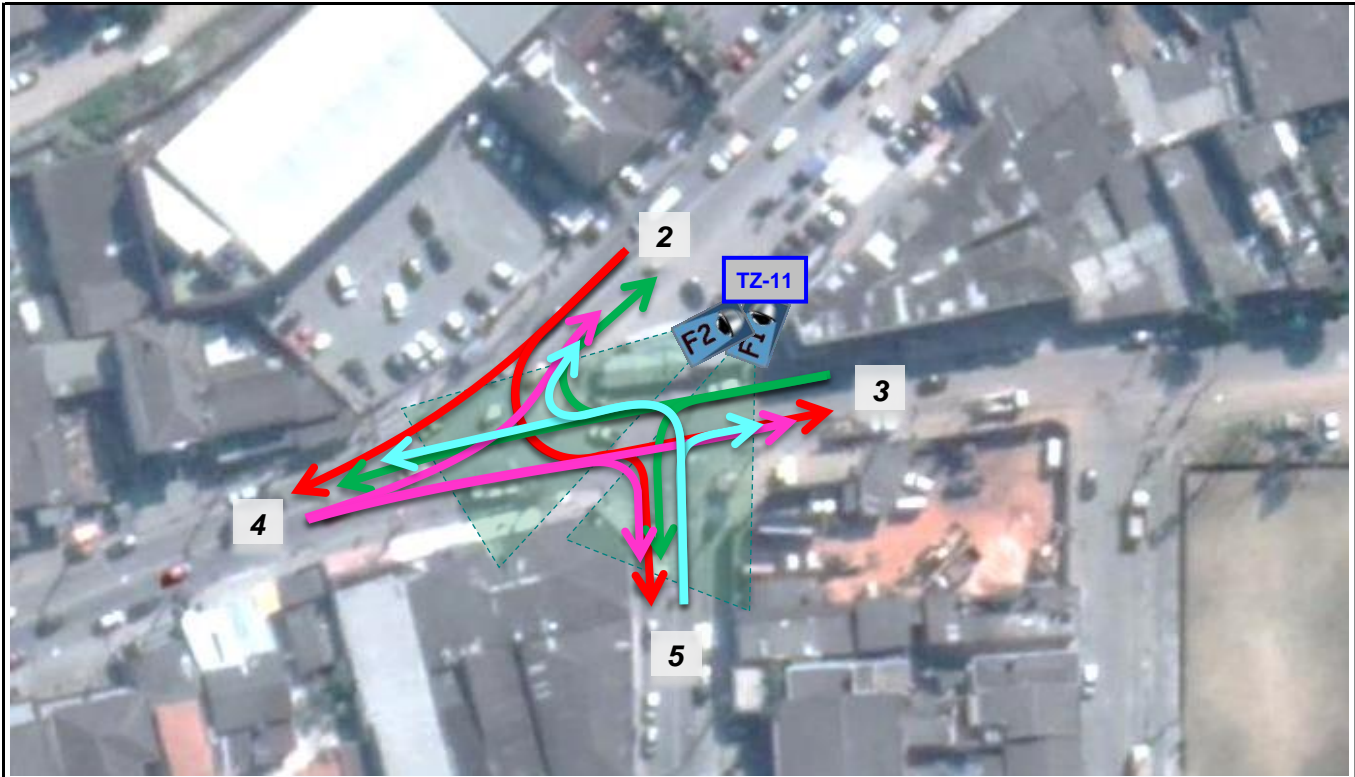
002 - Av. Francisco Marengo X R. Orlando Fava

Ref.: RT-AAP.001-3J21-002_A

Suzano - SP

Setembro de 2018

Croquis 002 - Av. Francisco Marengo X R. Orlando Fava



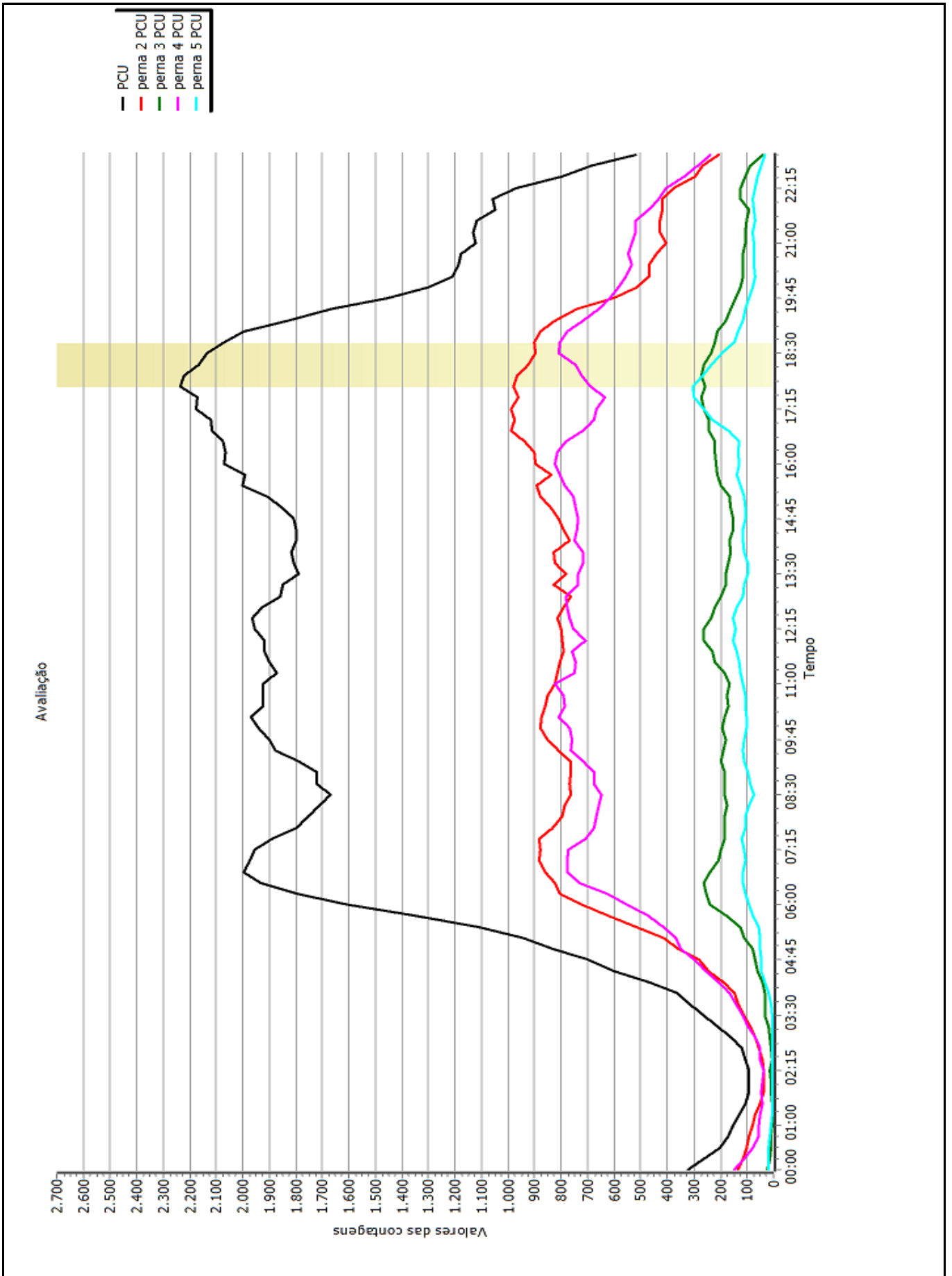
Vídeos



Movimentos Contados

- 2 > 3 Av. Francisco Marengo conv à esq. R. Washington Luis
- 2 > 4 Av. Francisco Marengo em frente
- 2 > 5 Av. Francisco Marengo conv à esq. R. Orlando Fava
- 3 > 2 R. Washington Luis conv à dir. Av. Francisco Marengo
- 3 > 4 R. Washington Luis conv à esq. Av. Francisco Marengo
- 3 > 5 R. Washington Luis conv à esq. R. Orlando Fava
- 4 > 2 Av. Francisco Marengo em frente
- 4 > 3 Av. Francisco Marengo conv à dir. R. Washington Luis
- 4 > 5 Av. Francisco Marengo conv à dir. R. Orlando Fava
- 5 > 2 R. Orlando Fava conv à dir. Av. Francisco Marengo
- 5 > 3 R. Orlando Fava conv à dir. R. Washington Luis
- 5 > 4 R. Orlando Fava conv à esq. Av. Francisco Marengo

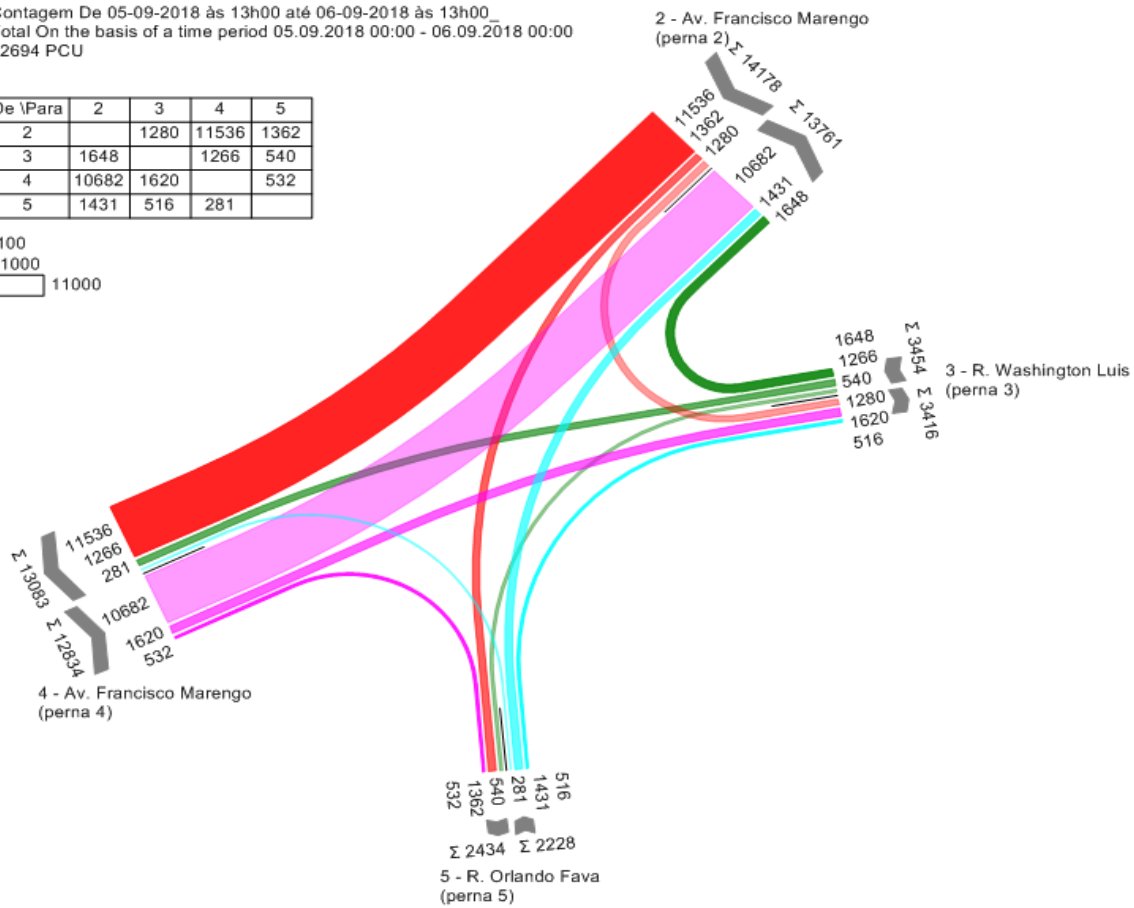
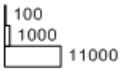
Perfil Horário 002 - Av. Francisco Marengo X R. Orlando Fava



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
 32694 PCU

De \ Para	2	3	4	5
2		1280	11536	1362
3	1648		1266	540
4	10682	1620		532
5	1431	516	281	



Volume Hora Pico

Contagem De 05-09-2018 às 13h00 até 06-09-2018 às 13h00
 Hora de pico 17:45 - 18:45
 On the basis of a time period 05.09.2018 00:00 - 06.09.2018 00:00
 2233 PCU

De \ Para	2	3	4	5
2		110	760	112
3	146		48	64
4	562	102		24
5	210	83	12	

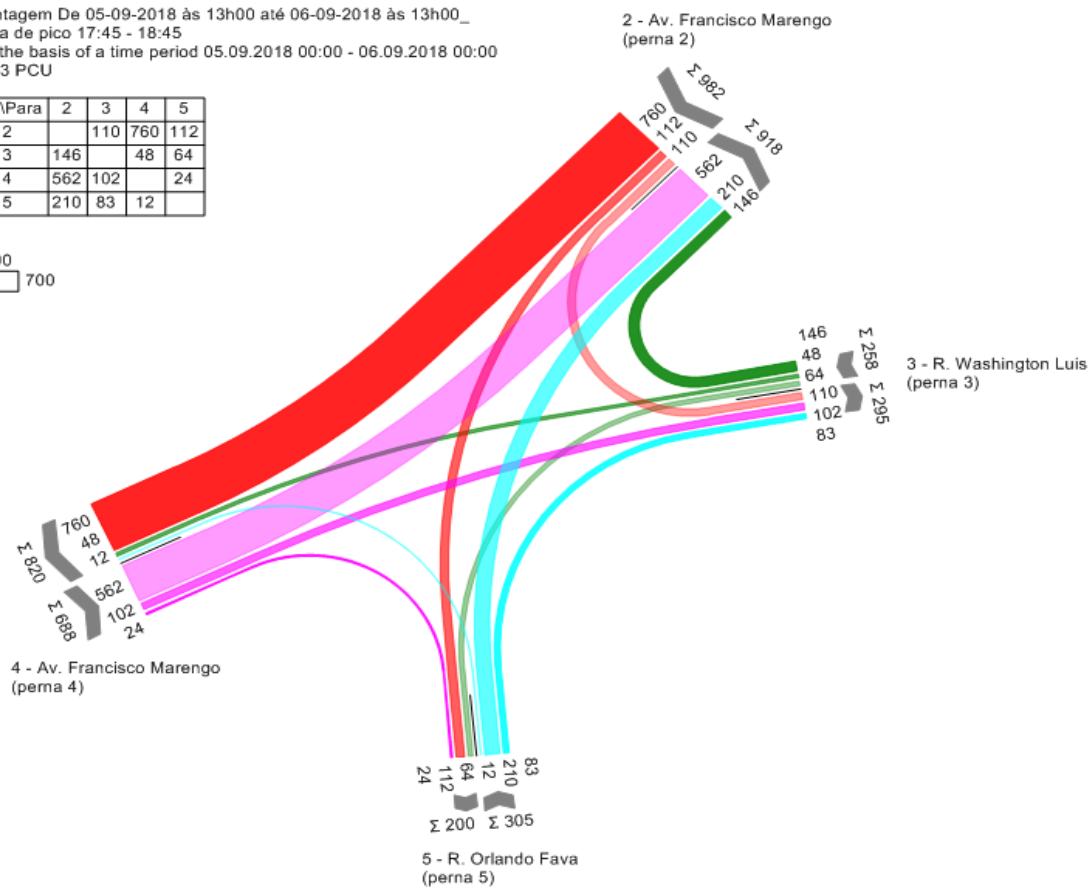


Diagrama de Fluxos

002 - Av. Francisco Marengo X R. Orlando Fava

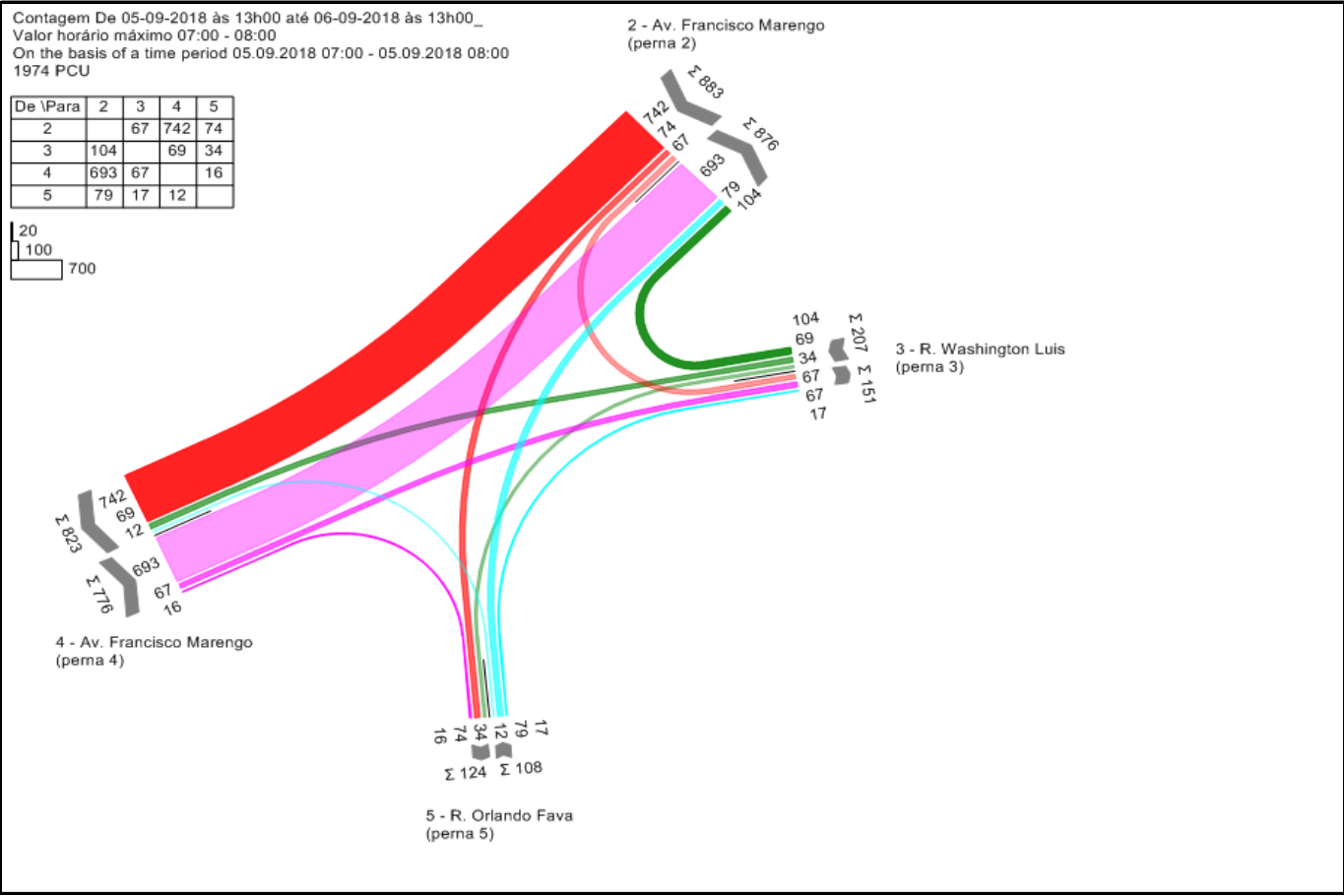
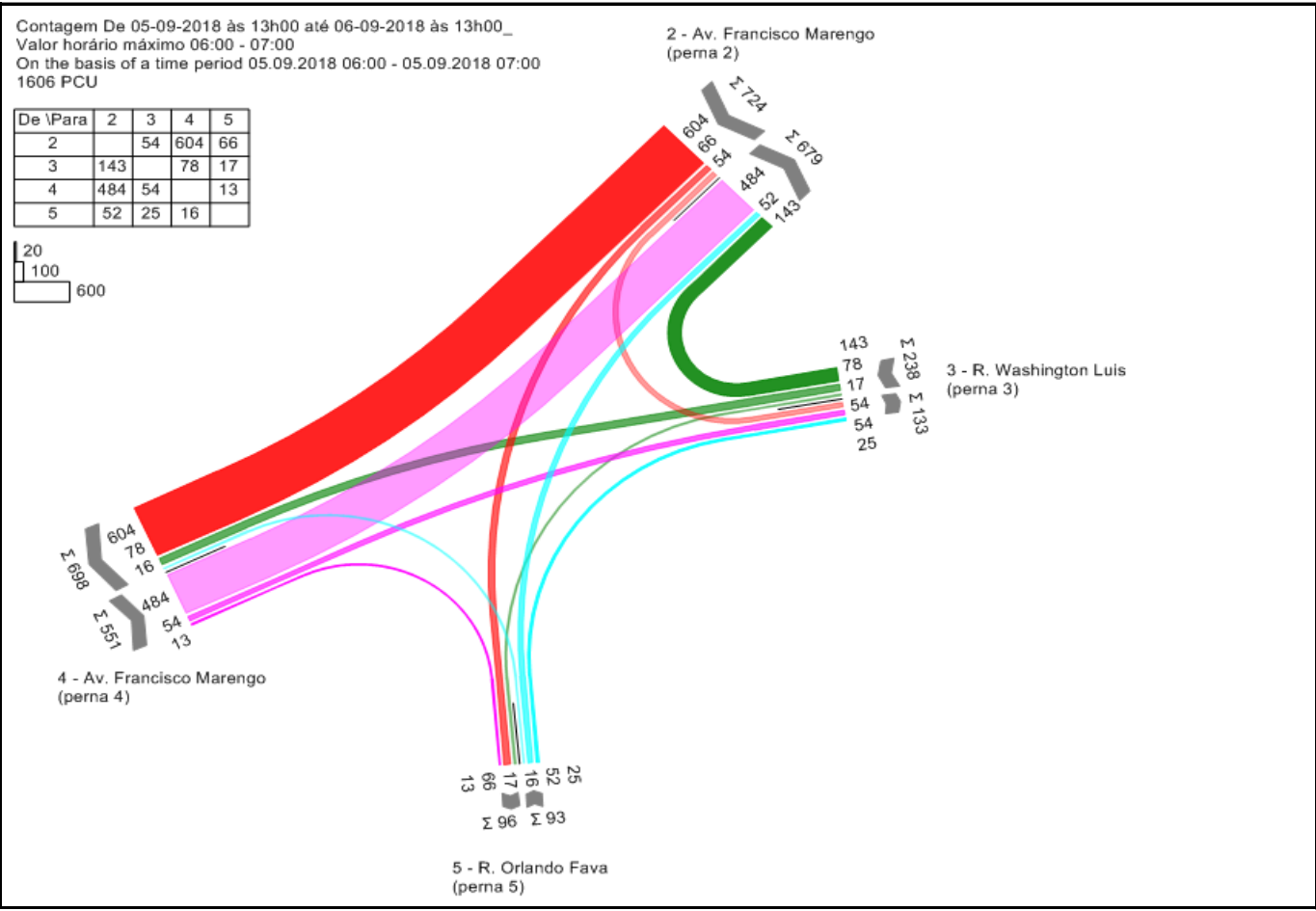
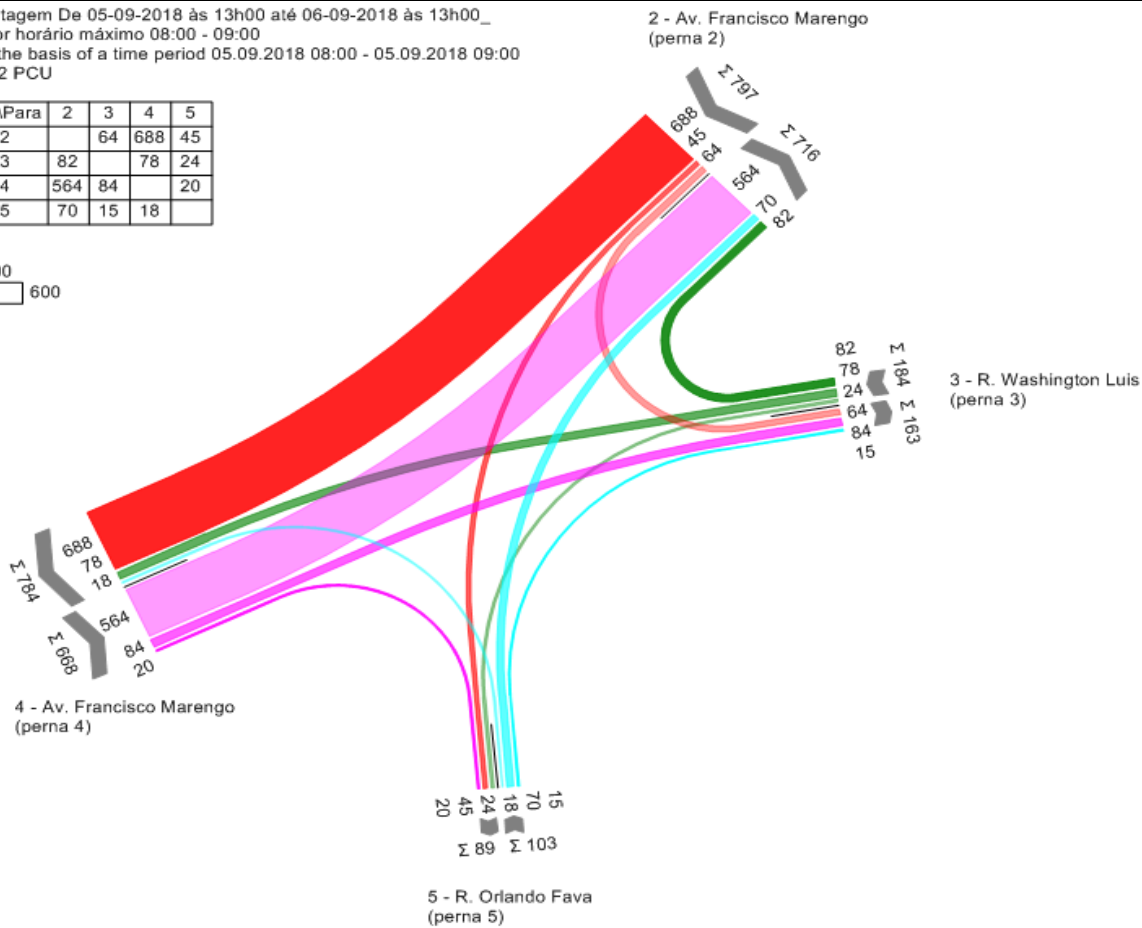
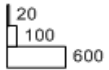


Diagrama de Fluxos 002 - Av. Francisco Marengo X R. Orlando Fava

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
 1752 PCU

De \ Para	2	3	4	5
2		64	688	45
3	82		78	24
4	564	84		20
5	70	15	18	



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
 1721 PCU

De \ Para	2	3	4	5
2		58	652	52
3	74		80	28
4	551	87		40
5	60	19	20	

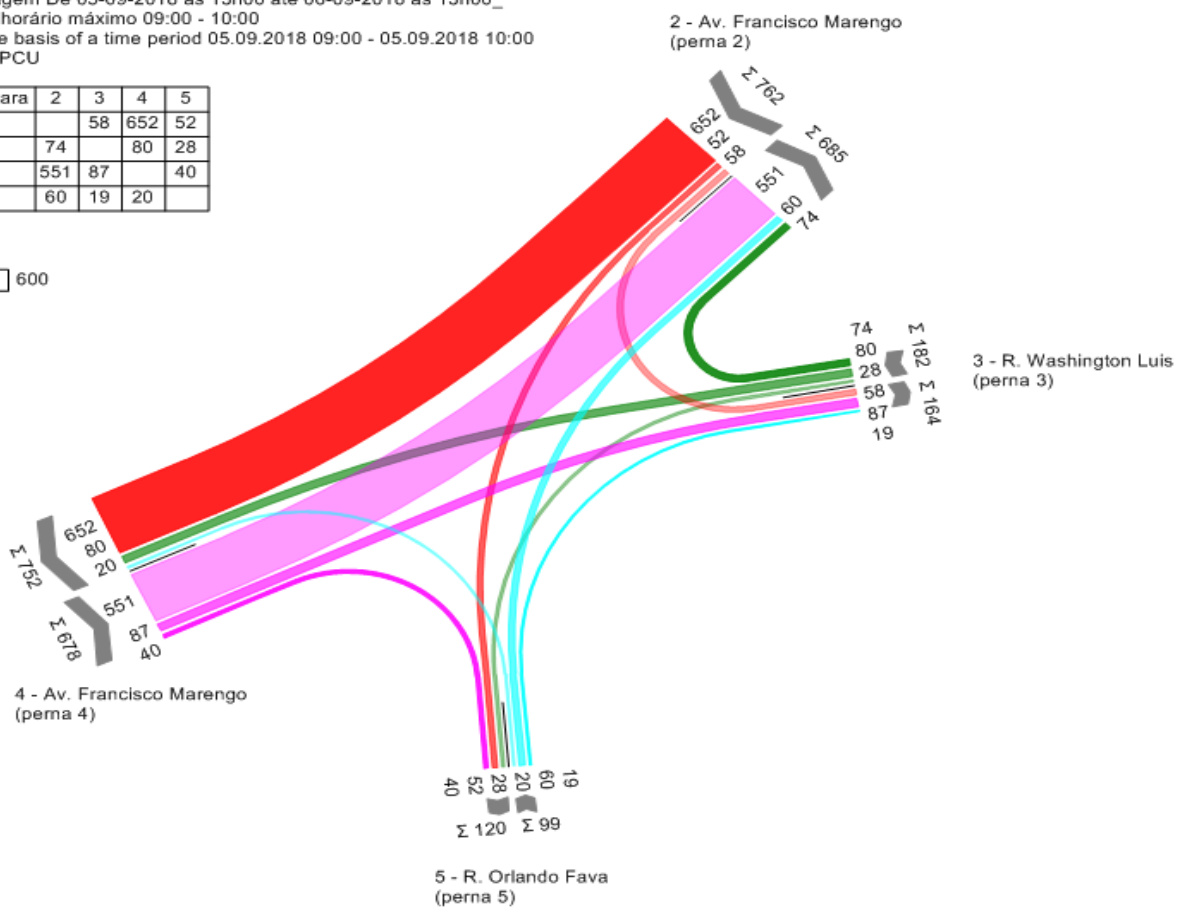
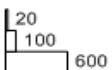
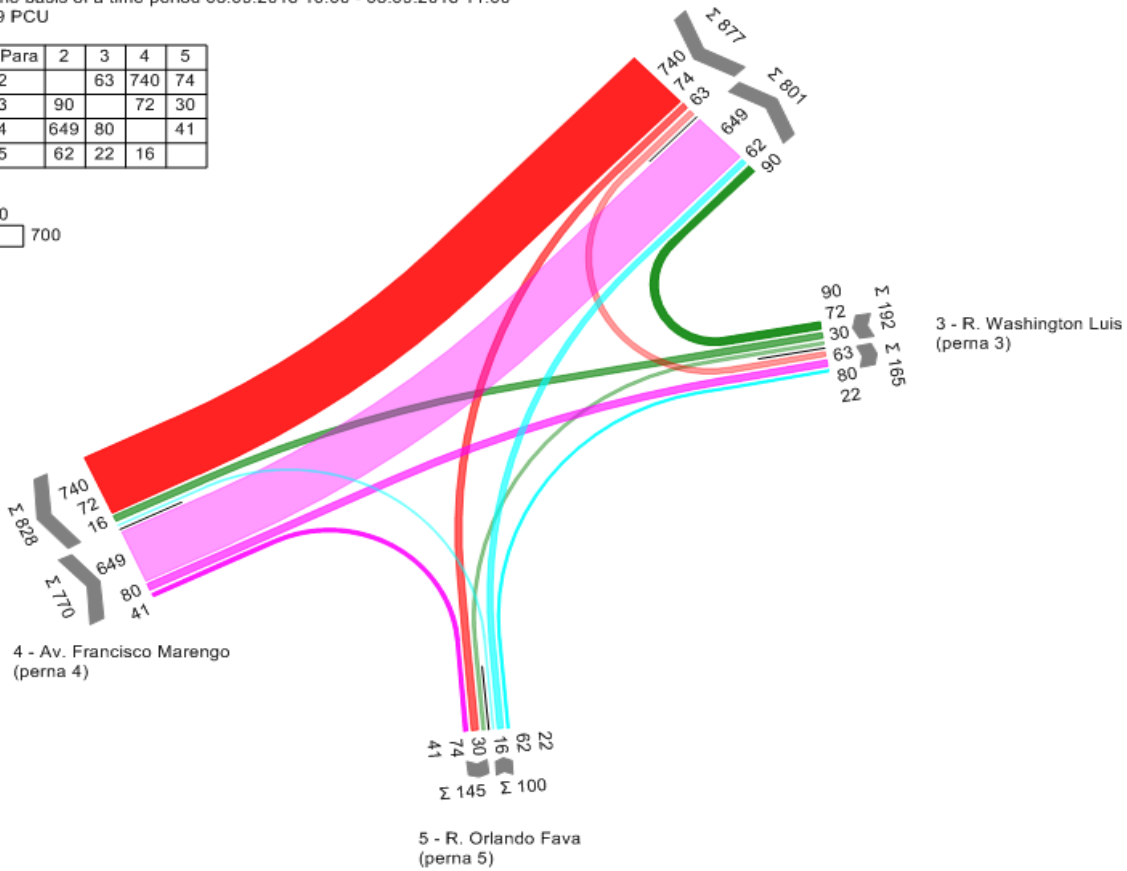
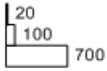


Diagrama de Fluxos 002 - Av. Francisco Marengo X R. Orlando Fava

Contagem De 05-09-2018 às 13h00 até 06-09-2018 às 13h00_
 Valor horário máximo 10:00 - 11:00
 On the basis of a time period 05.09.2018 10:00 - 05.09.2018 11:00
 1939 PCU

De \ Para	2	3	4	5
2		63	740	74
3	90		72	30
4	649	80		41
5	62	22	16	



Contagem De 05-09-2018 às 13h00 até 06-09-2018 às 13h00_
 Valor horário máximo 11:00 - 12:00
 On the basis of a time period 05.09.2018 11:00 - 05.09.2018 12:00
 1923 PCU

De \ Para	2	3	4	5
2		82	661	78
3	64		74	26
4	660	109		53
5	64	30	22	

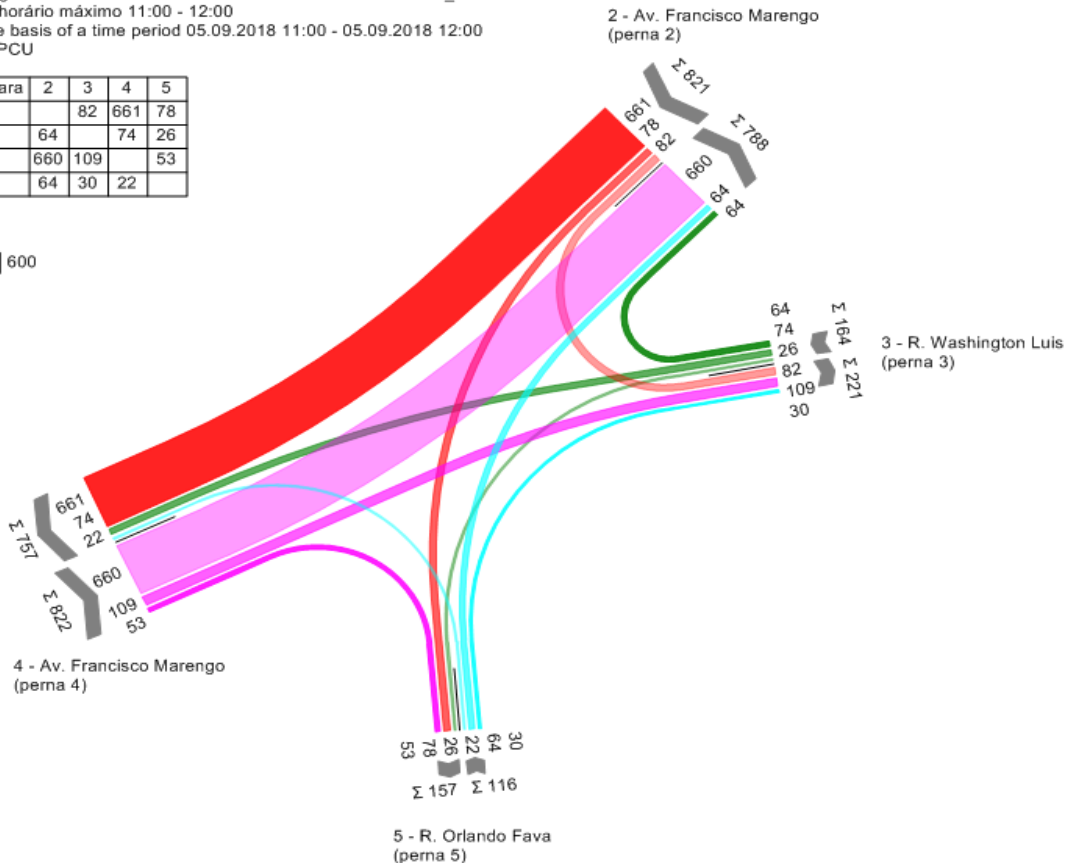


Diagrama de Fluxos 002 - Av. Francisco Marengo X R. Orlando Fava

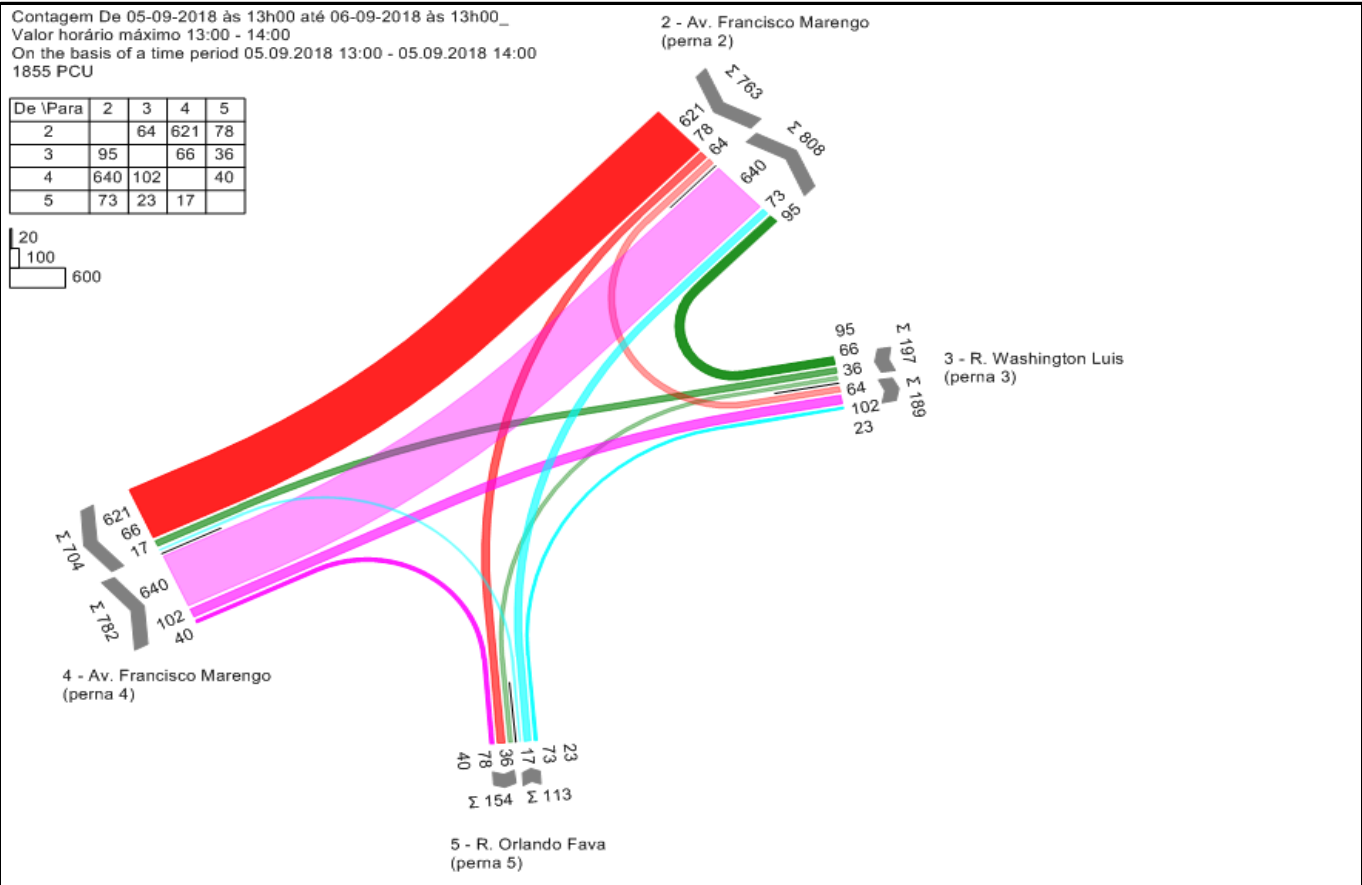
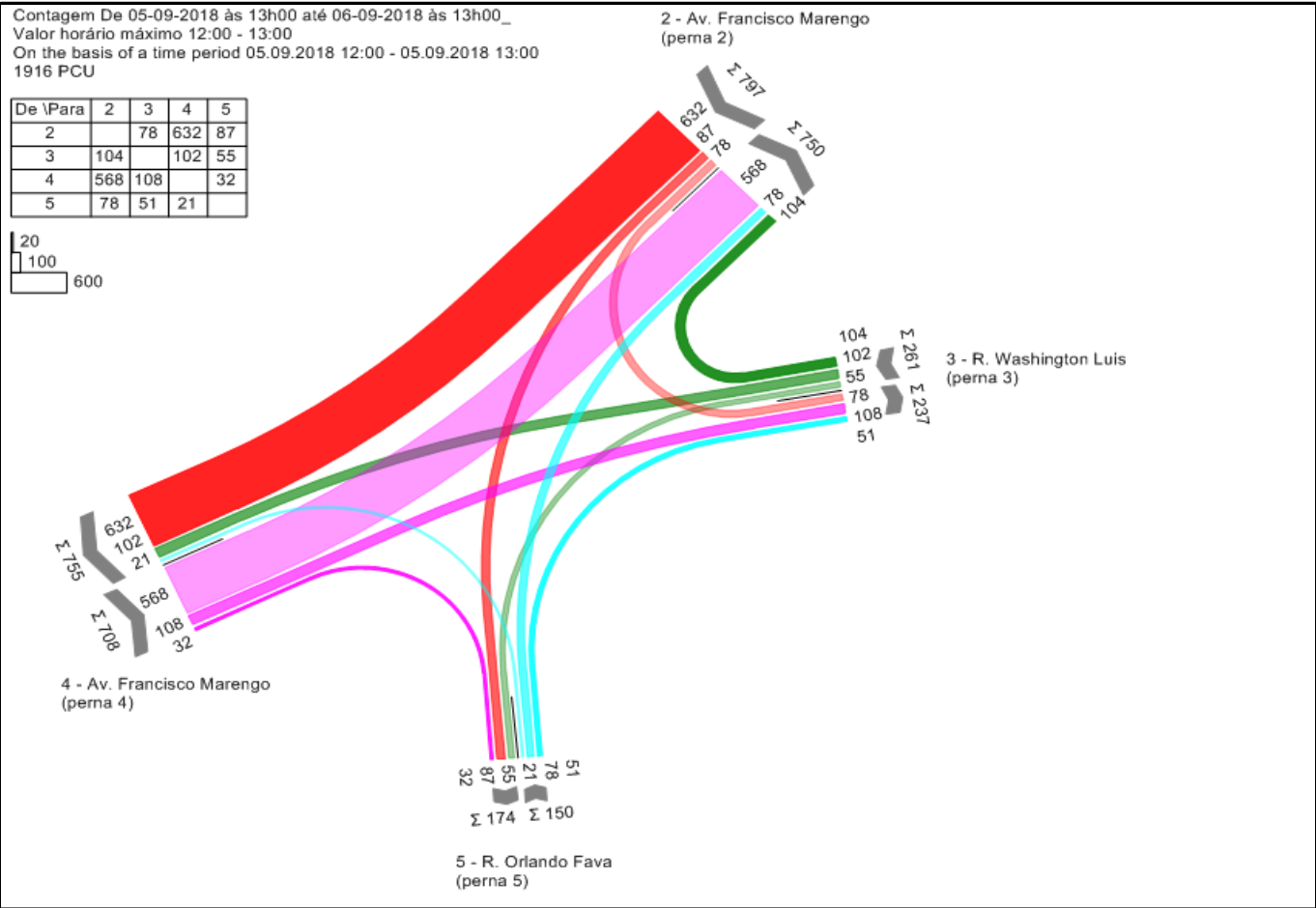
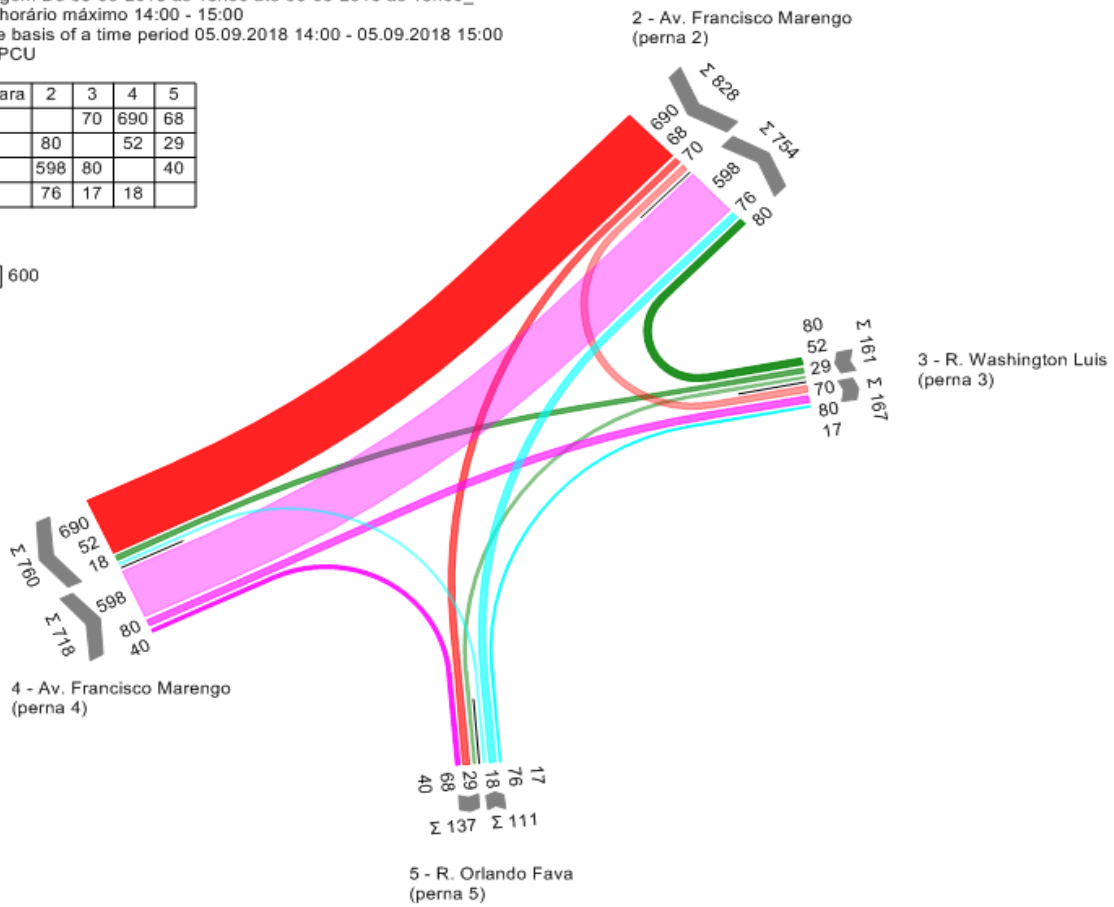
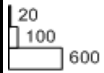


Diagrama de Fluxos 002 - Av. Francisco Marengo X R. Orlando Fava

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
 1818 PCU

De \ Para	2	3	4	5
2		70	690	68
3	80		52	29
4	598	80		40
5	76	17	18	



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
 1848 PCU

De \ Para	2	3	4	5
2		62	692	82
3	74		65	24
4	618	97		30
5	68	22	14	

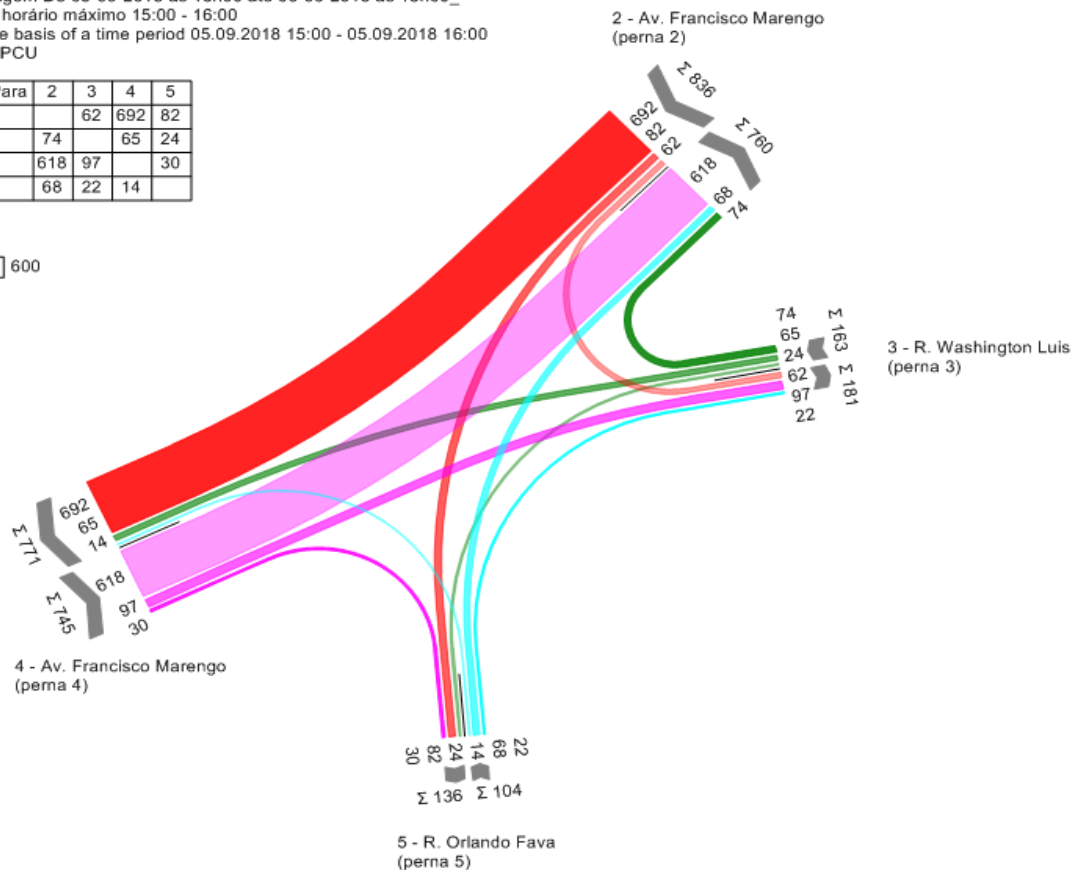
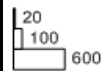


Diagrama de Fluxos 002 - Av. Francisco Marengo X R. Orlando Fava

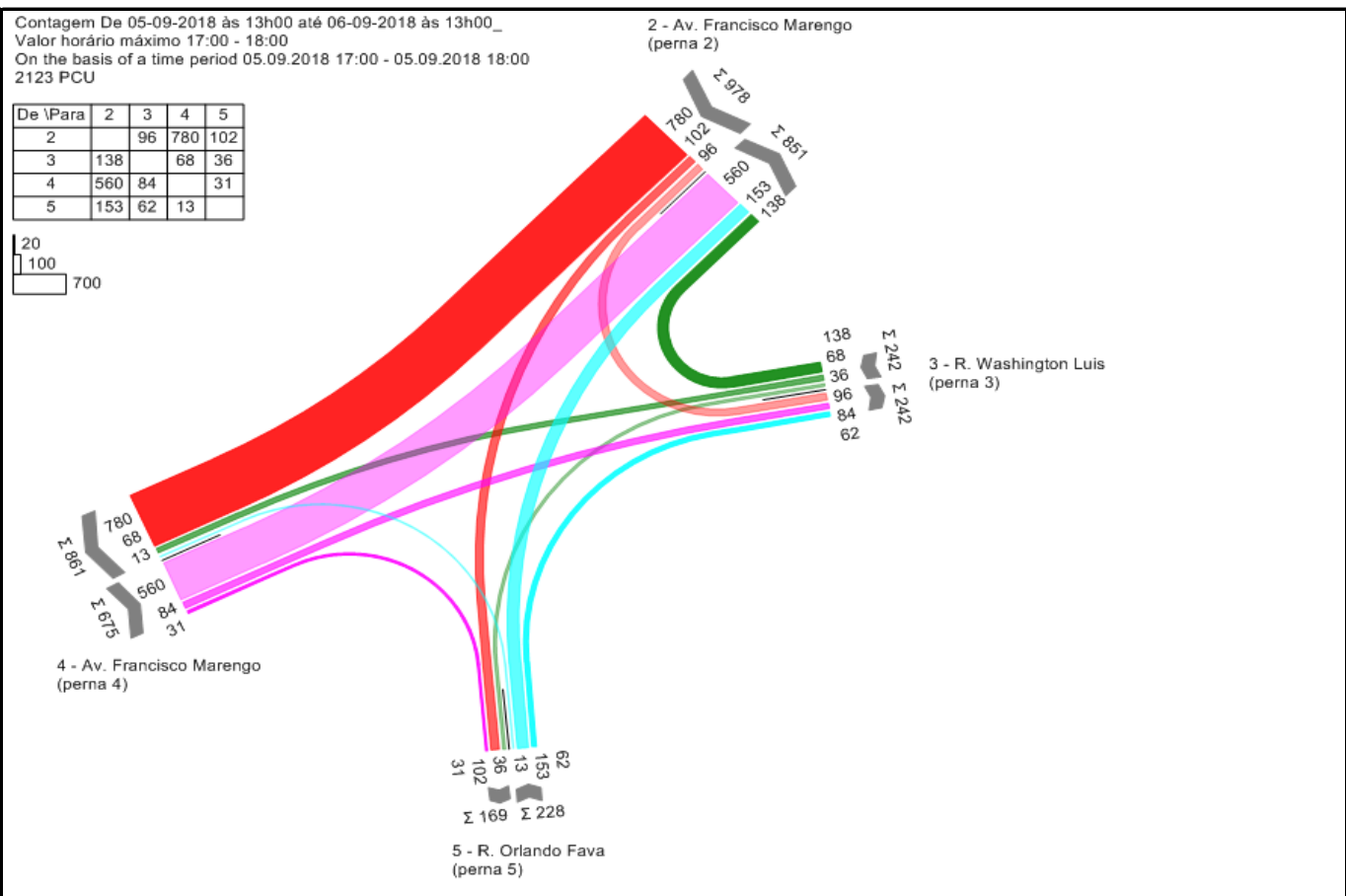
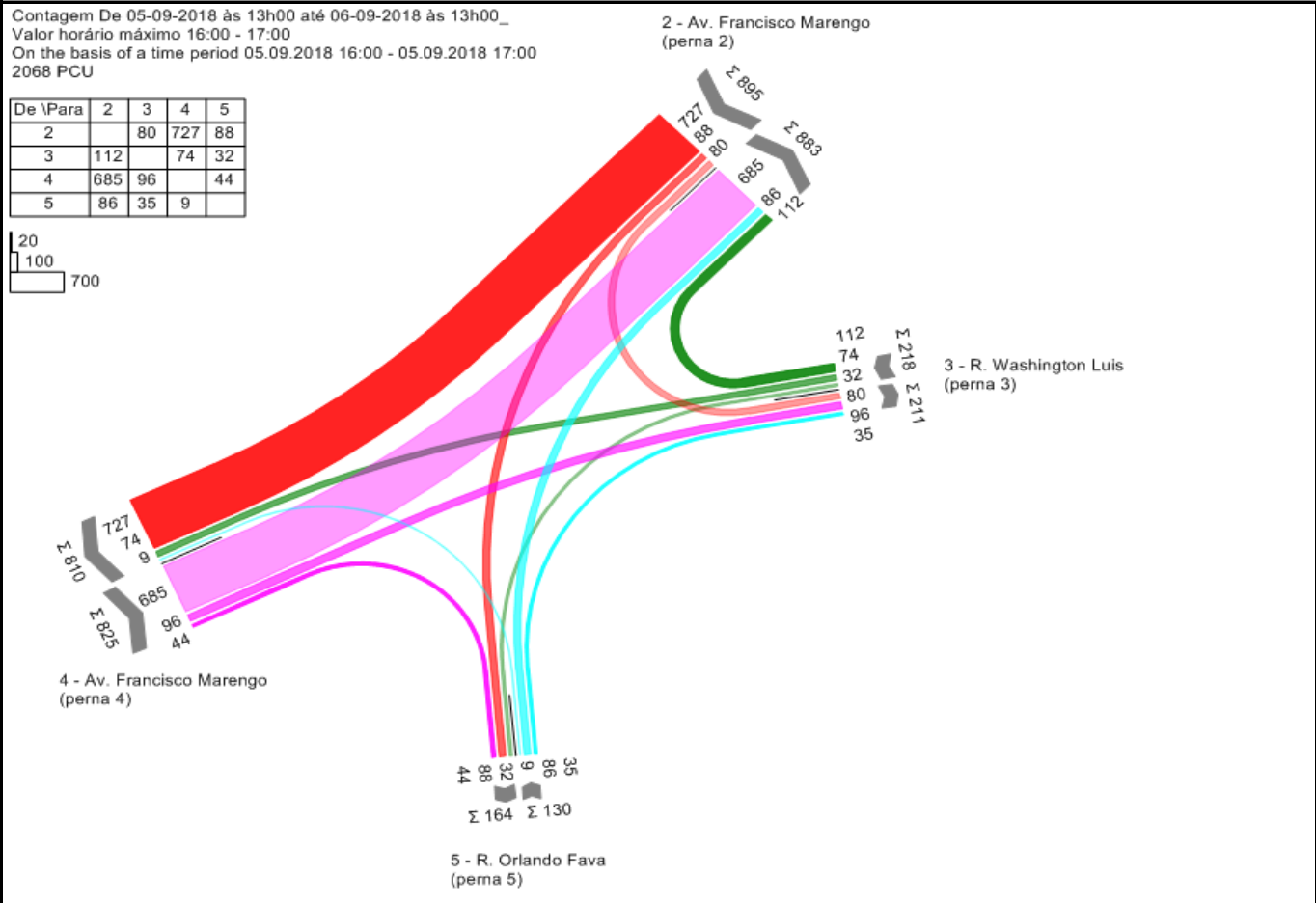
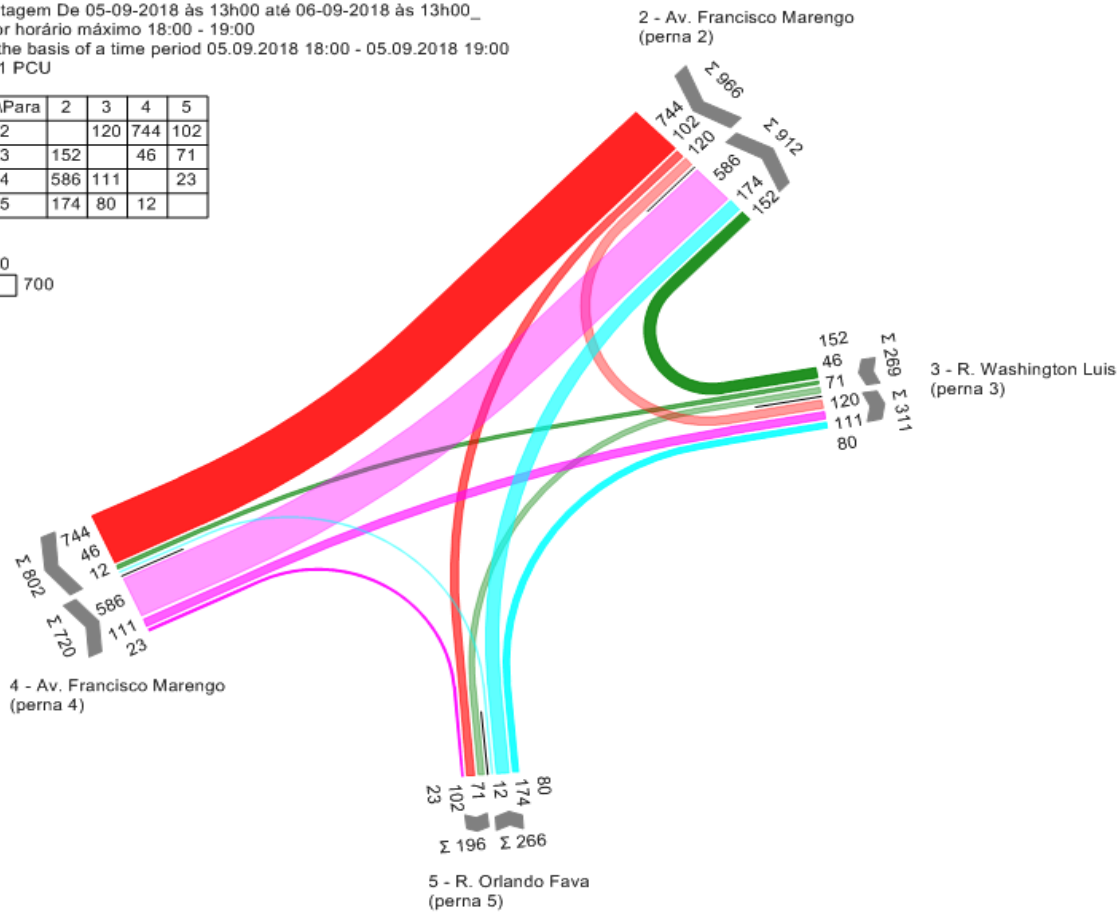
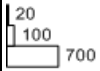


Diagrama de Fluxos 002 - Av. Francisco Marengo X R. Orlando Fava

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
 2221 PCU

De \ Para	2	3	4	5
2		120	744	102
3	152		46	71
4	586	111		23
5	174	80	12	



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
 1997 PCU

De \ Para	2	3	4	5
2		89	694	94
3	100		69	40
4	642	111		23
5	95	27	13	

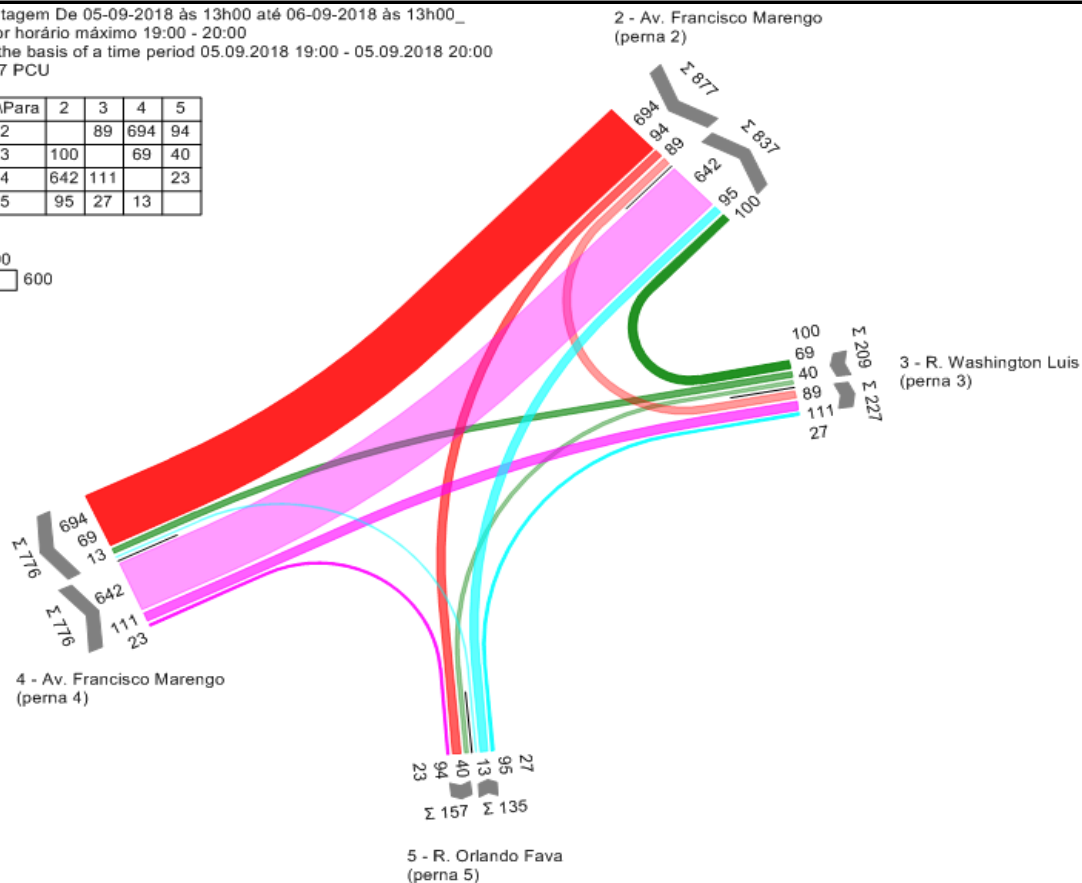
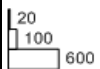
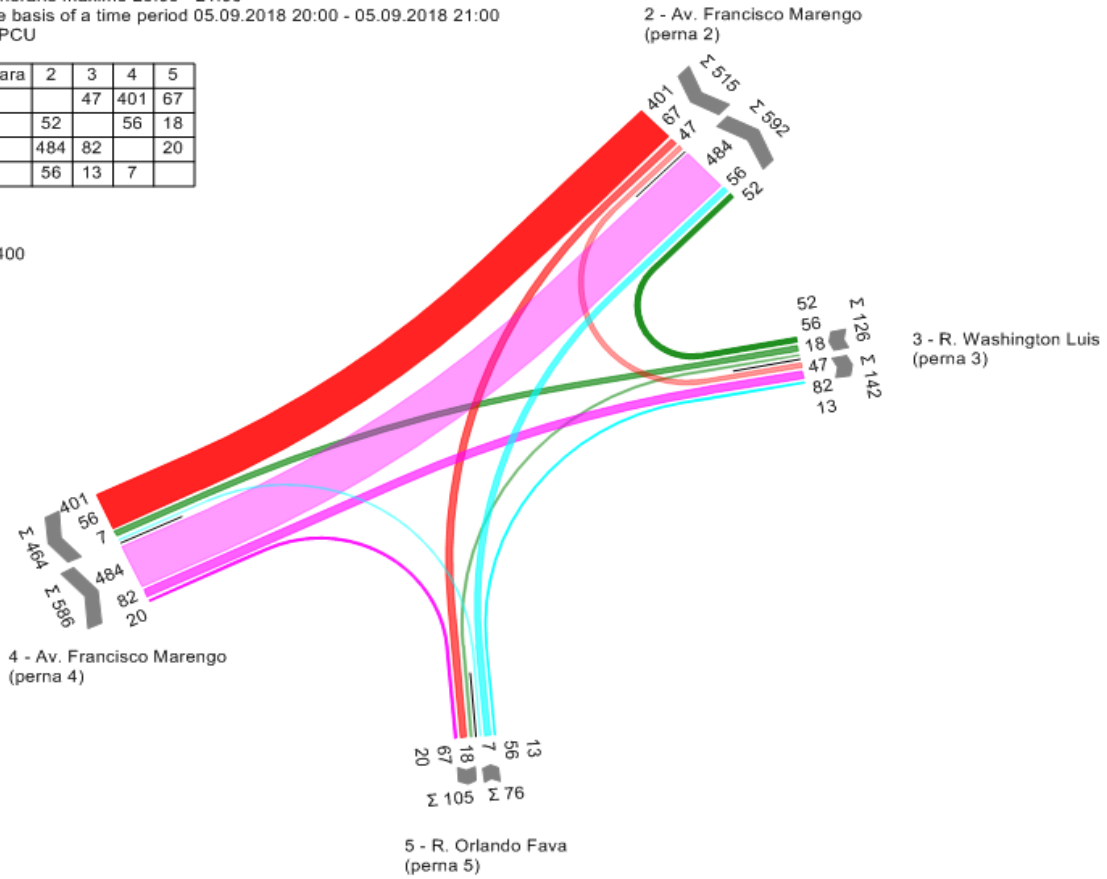


Diagrama de Fluxos 002 - Av. Francisco Marengo X R. Orlando Fava

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
 1303 PCU

De \ Para	2	3	4	5
2		47	401	67
3	52		56	18
4	484	82		20
5	56	13	7	



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
 1122 PCU

De \ Para	2	3	4	5
2		43	308	55
3	49		48	10
4	428	80		26
5	46	16	13	

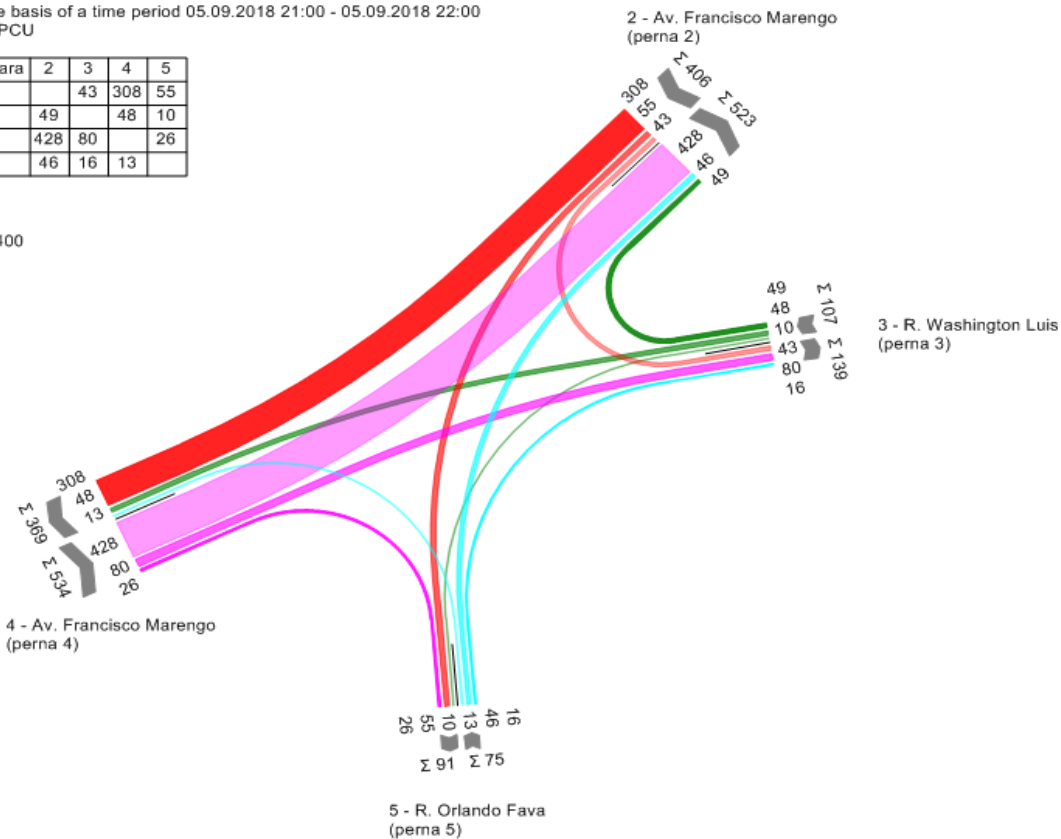
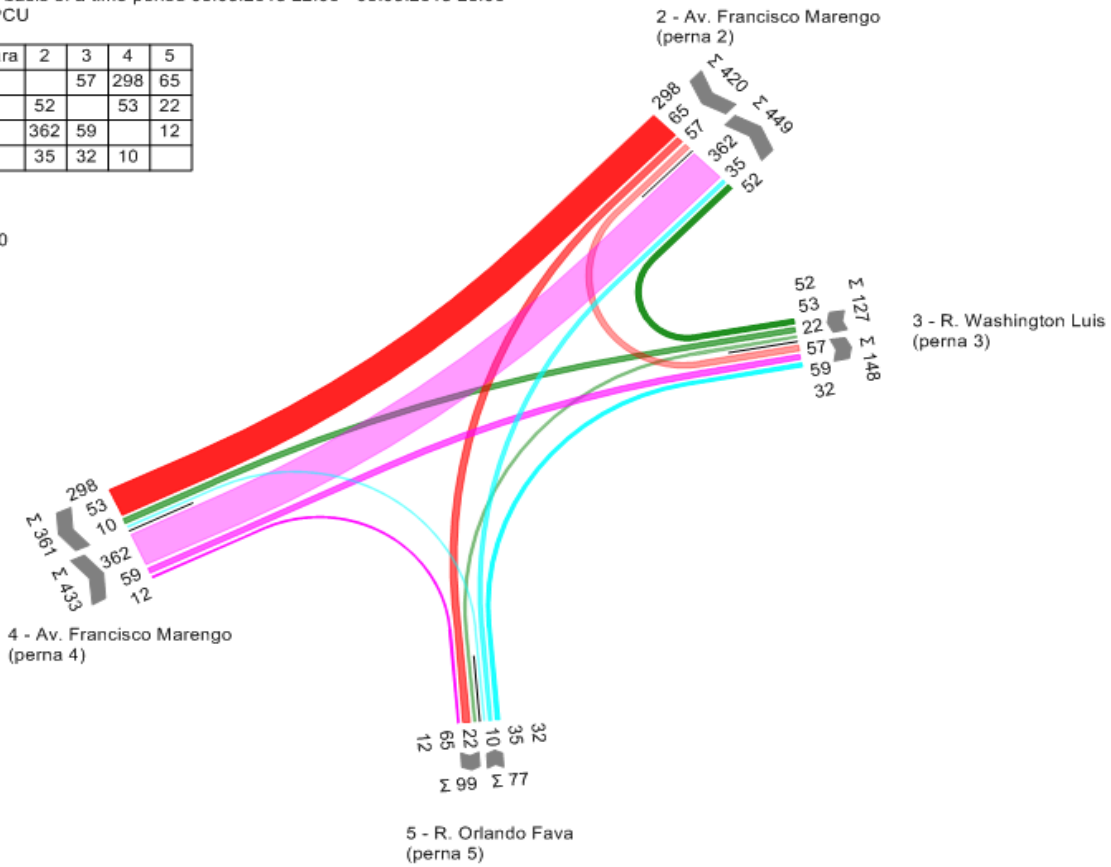


Diagrama de Fluxos 002 - Av. Francisco Marengo X R. Orlando Fava

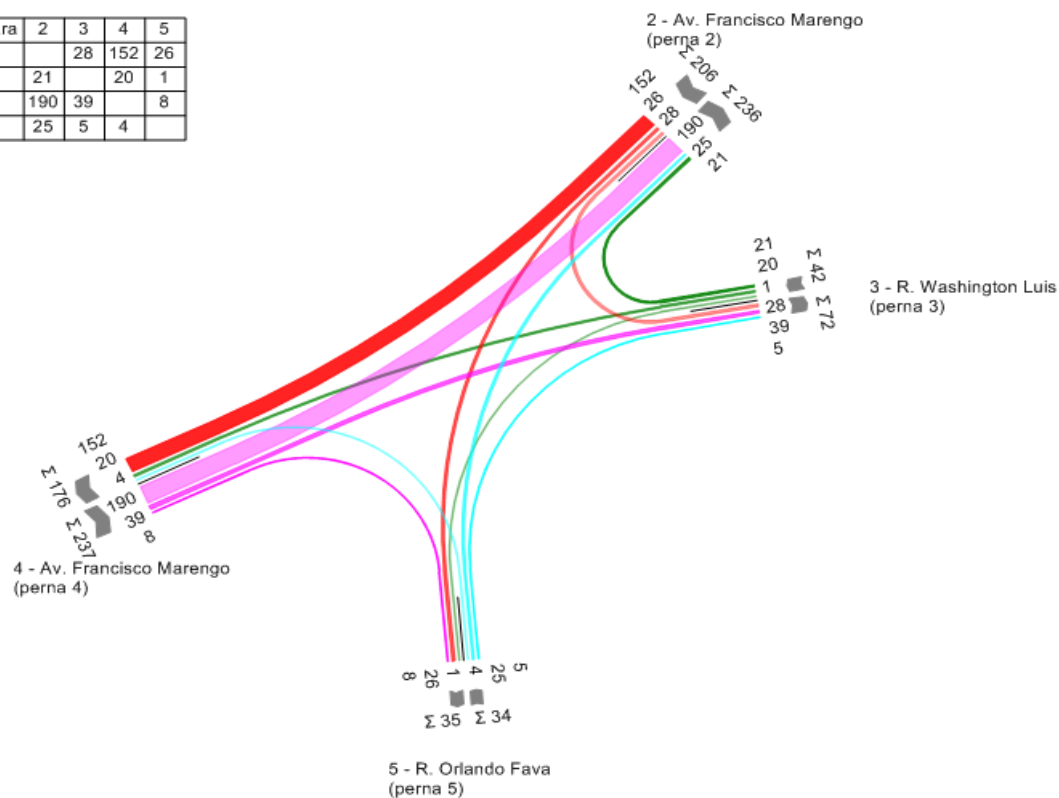
Contagem De 05-09-2018 às 13h00 até 06-09-2018 às 13h00_
 Valor horário máximo 22:00 - 23:00
 On the basis of a time period 05.09.2018 22:00 - 05.09.2018 23:00
 1057 PCU

De \ Para	2	3	4	5
2		57	298	65
3	52		53	22
4	362	59		12
5	35	32	10	



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
 519 PCU

De \ Para	2	3	4	5
2		28	152	26
3	21		20	1
4	190	39		8
5	25	5	4	



PCU

002 - Av. Francisco Marengo X R. Orlando Fava

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:

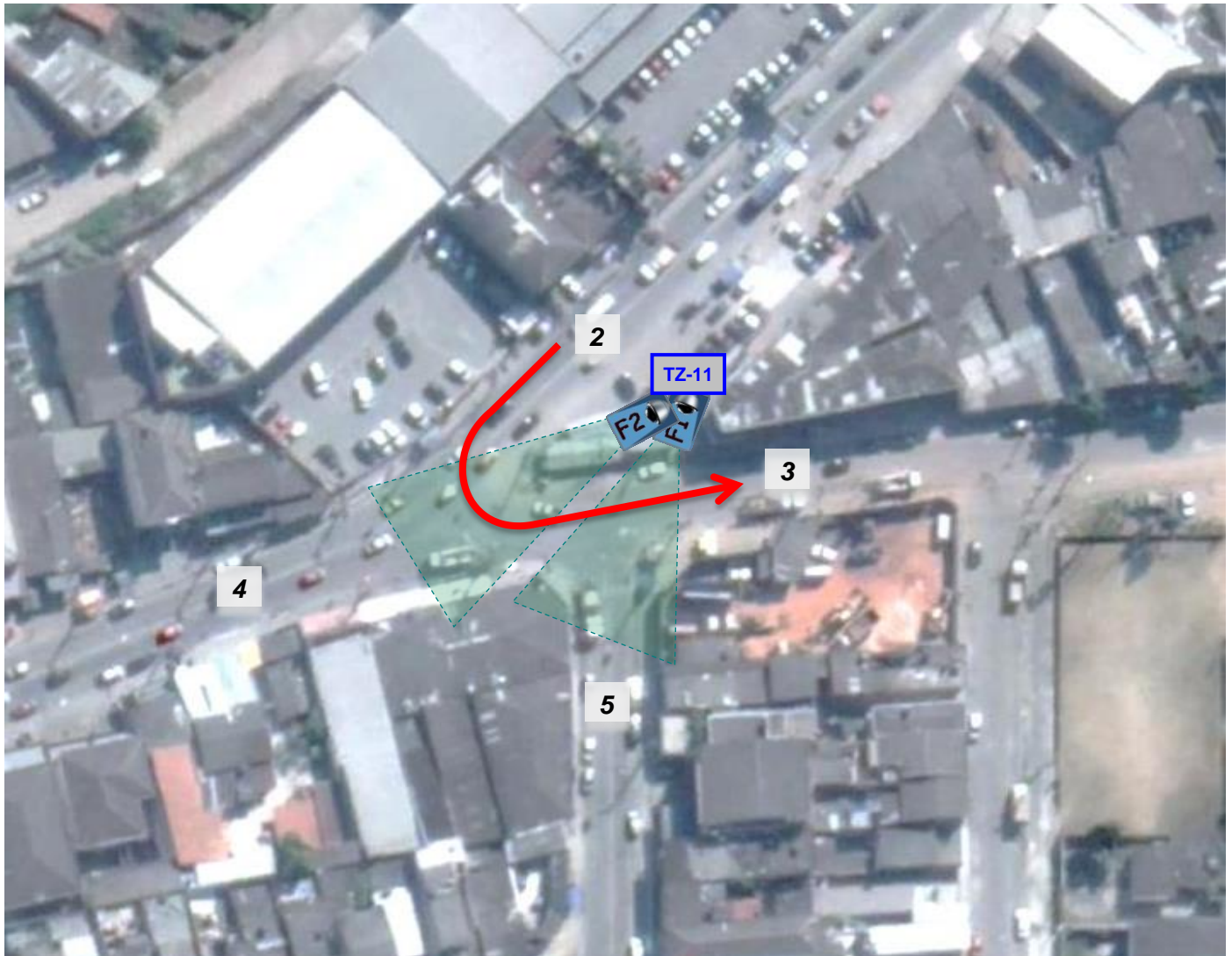
- **Automóvel** = 1,0 veículo equivalente
- **Moto** = 0,5 veículo equivalente
- **Caminhão** = 2,5 veículos equivalentes
- **Ônibus** = 2,0 veículos equivalentes

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

2 > 3 Av. Francisco Marengo conv à esq. R. Washington Luis



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	-	Truck	Bus	-	PCU	VEC
0:00	1:00	15	0	1	0	0	18	16
1:00	2:00	2	0	0	1	0	4	3
2:00	3:00	2	0	1	0	0	5	3
3:00	4:00	3	0	0	0	0	3	3
4:00	5:00	5	0	0	1	0	7	6
5:00	6:00	19	0	0	1	0	21	20
6:00	7:00	52	0	0	1	0	54	53
7:00	8:00	54	0	2	4	0	67	60
8:00	9:00	51	0	5	0	0	64	56
9:00	10:00	41	0	6	1	0	58	48
10:00	11:00	53	0	4	0	0	63	57
11:00	12:00	68	0	5	1	0	83	74

Período Tarde								
Período de	até	Car	-	Truck	Bus	-	PCU	VEC
12:00	13:00	63	0	3	4	0	79	70
13:00	14:00	57	0	2	1	0	64	60
14:00	15:00	56	0	5	1	0	71	62
15:00	16:00	54	0	3	0	0	62	57
16:00	17:00	66	0	5	1	0	81	72
17:00	18:00	86	0	3	1	0	96	90
18:00	19:00	108	0	1	5	0	121	114
19:00	20:00	80	0	2	2	0	89	84
20:00	21:00	45	0	0	1	0	47	46
21:00	22:00	43	0	0	0	0	43	43
22:00	23:00	55	0	0	1	0	57	56
23:00	0:00	12	0	0	8	0	28	20

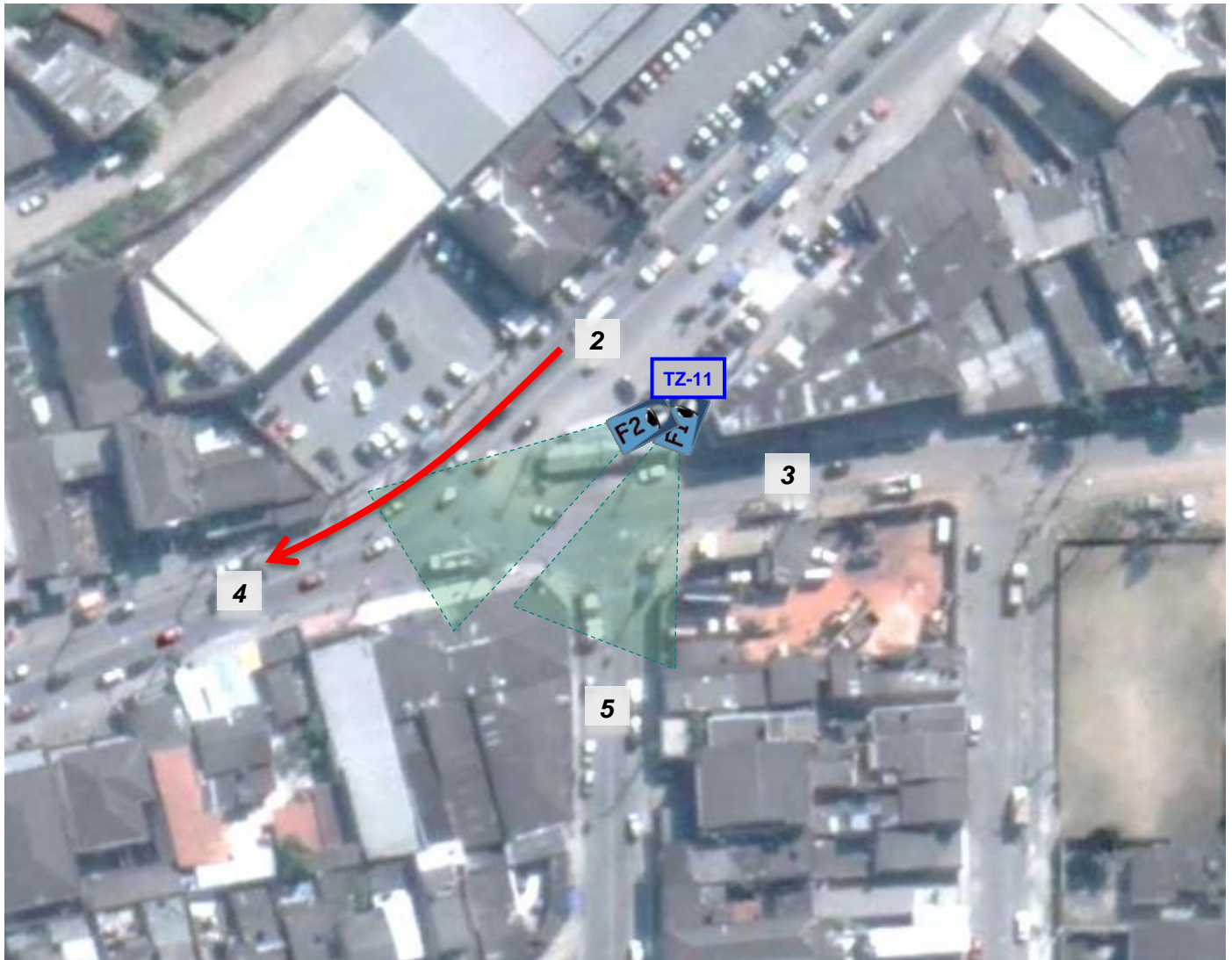
Movimento Contado	
2 > 3	Av. Francisco Marengo conv à esq. R. Washington Luis

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	4	0	1	0	0	7	18	5	16	12:00	12:15	15	0	1	0	0	18	16
0:15	0:30	7	0	0	0	0	7		7		12:15	12:30	18	0	0	1	0	20	19
0:30	0:45	2	0	0	0	0	2		2		12:30	12:45	13	0	2	0	0	18	15
0:45	1:00	2	0	0	0	0	2		2		12:45	13:00	17	0	0	3	0	23	20
1:00	1:15	0	0	0	0	0	0	4	0	3	13:00	13:15	19	0	1	0	0	22	20
1:15	1:30	1	0	0	0	0	1		1		13:15	13:30	16	0	0	1	0	18	17
1:30	1:45	0	0	0	1	0	2		1		13:30	13:45	10	0	0	0	0	10	10
1:45	2:00	1	0	0	0	0	1		1		13:45	14:00	12	0	1	0	0	15	13
2:00	2:15	0	0	0	0	0	0	5	0	3	14:00	14:15	16	0	4	0	0	26	20
2:15	2:30	1	0	0	0	0	1		1		14:15	14:30	10	0	0	0	0	10	10
2:30	2:45	0	0	1	0	0	3		1		14:30	14:45	18	0	1	1	0	23	20
2:45	3:00	1	0	0	0	0	1		1		14:45	15:00	12	0	0	0	0	12	12
3:00	3:15	0	0	0	0	0	0	3	0	3	15:00	15:15	3	0	0	0	0	3	3
3:15	3:30	2	0	0	0	0	2		2		15:15	15:30	13	0	1	0	0	16	14
3:30	3:45	0	0	0	0	0	0		0		15:30	15:45	17	0	1	0	0	20	18
3:45	4:00	1	0	0	0	0	1		1		15:45	16:00	21	0	1	0	0	24	22
4:00	4:15	0	0	0	0	0	0	7	0	6	16:00	16:15	18	0	3	1	0	28	22
4:15	4:30	2	0	0	0	0	2		2		16:15	16:30	11	0	2	0	0	16	13
4:30	4:45	1	0	0	1	0	3		2		16:30	16:45	11	0	0	0	0	11	11
4:45	5:00	2	0	0	0	0	2		2		16:45	17:00	26	0	0	0	0	26	26
5:00	5:15	6	0	0	1	0	8	21	7	20	17:00	17:15	16	0	2	0	0	21	18
5:15	5:30	3	0	0	0	0	3		3		17:15	17:30	32	0	0	0	0	32	32
5:30	5:45	4	0	0	0	0	4		4		17:30	17:45	14	0	1	1	0	19	16
5:45	6:00	6	0	0	0	0	6		6		17:45	18:00	24	0	0	0	0	24	24
6:00	6:15	5	0	0	0	0	5	54	5	53	18:00	18:15	27	0	0	1	0	29	28
6:15	6:30	11	0	0	0	0	11		11		18:15	18:30	29	0	0	0	0	29	29
6:30	6:45	16	0	0	0	0	16		16		18:30	18:45	25	0	1	0	0	28	26
6:45	7:00	20	0	0	1	0	22		21		18:45	19:00	27	0	0	4	0	35	31
7:00	7:15	18	0	0	2	0	22	67	20	60	19:00	19:15	20	0	2	0	0	25	22
7:15	7:30	10	0	0	1	0	12		11		19:15	19:30	18	0	0	1	0	20	19
7:30	7:45	10	0	1	1	0	15		12		19:30	19:45	23	0	0	0	0	23	23
7:45	8:00	16	0	1	0	0	19		17		19:45	20:00	19	0	0	1	0	21	20
8:00	8:15	22	0	1	0	0	25	64	23	56	20:00	20:15	15	0	0	0	0	15	15
8:15	8:30	9	0	2	0	0	14		11		20:15	20:30	9	0	0	0	0	9	9
8:30	8:45	10	0	1	0	0	13		11		20:30	20:45	9	0	0	0	0	9	9
8:45	9:00	10	0	1	0	0	13		11		20:45	21:00	12	0	0	1	0	14	13
9:00	9:15	11	0	1	0	0	14	58	12	48	21:00	21:15	11	0	0	0	0	11	11
9:15	9:30	11	0	1	0	0	14		12		21:15	21:30	13	0	0	0	0	13	13
9:30	9:45	8	0	2	0	0	13		10		21:30	21:45	12	0	0	0	0	12	12
9:45	10:00	11	0	2	1	0	18		14		21:45	22:00	7	0	0	0	0	7	7
10:00	10:15	12	0	1	0	0	15	63	13	57	22:00	22:15	25	0	0	0	0	25	25
10:15	10:30	14	0	1	0	0	17		15		22:15	22:30	11	0	0	1	0	13	12
10:30	10:45	19	0	1	0	0	22		20		22:30	22:45	12	0	0	0	0	12	12
10:45	11:00	8	0	1	0	0	11		9		22:45	23:00	7	0	0	0	0	7	7
11:00	11:15	12	0	0	0	0	12	83	12	74	23:00	23:15	5	0	0	5	0	15	10
11:15	11:30	17	0	3	0	0	25		20		23:15	23:30	0	0	0	3	0	6	3
11:30	11:45	16	0	2	1	0	23		19		23:30	23:45	2	0	0	0	0	2	2
11:45	12:00	23	0	0	0	0	23		23		23:45	0:00	5	0	0	0	0	5	5

Movimento Contado

2 > 4 Av. Francisco Marengo em frente



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	-	Truck	Bus	-	PCU	VEC
0:00	1:00	54	0	2	25	0	109	81
1:00	2:00	39	0	3	13	0	73	55
2:00	3:00	14	0	4	3	0	30	21
3:00	4:00	42	0	5	4	0	63	51
4:00	5:00	97	0	2	11	0	124	110
5:00	6:00	239	0	15	17	0	311	271
6:00	7:00	468	0	33	27	0	605	528
7:00	8:00	575	0	46	26	0	742	647
8:00	9:00	524	0	53	16	0	689	593
9:00	10:00	490	0	55	12	0	652	557
10:00	11:00	542	0	68	14	0	740	624
11:00	12:00	472	0	66	12	0	661	550

Período Tarde								
Período de	até	Car	-	Truck	Bus	-	PCU	VEC
12:00	13:00	493	0	43	16	0	633	552
13:00	14:00	466	0	50	15	0	621	531
14:00	15:00	502	0	64	14	0	690	580
15:00	16:00	498	0	69	11	0	693	578
16:00	17:00	543	0	60	17	0	727	620
17:00	18:00	650	0	40	15	0	780	705
18:00	19:00	633	0	30	18	0	744	681
19:00	20:00	594	0	20	25	0	694	639
20:00	21:00	358	0	6	14	0	401	378
21:00	22:00	269	0	7	11	0	309	287
22:00	23:00	249	0	5	18	0	298	272
23:00	0:00	114	0	5	13	0	153	132

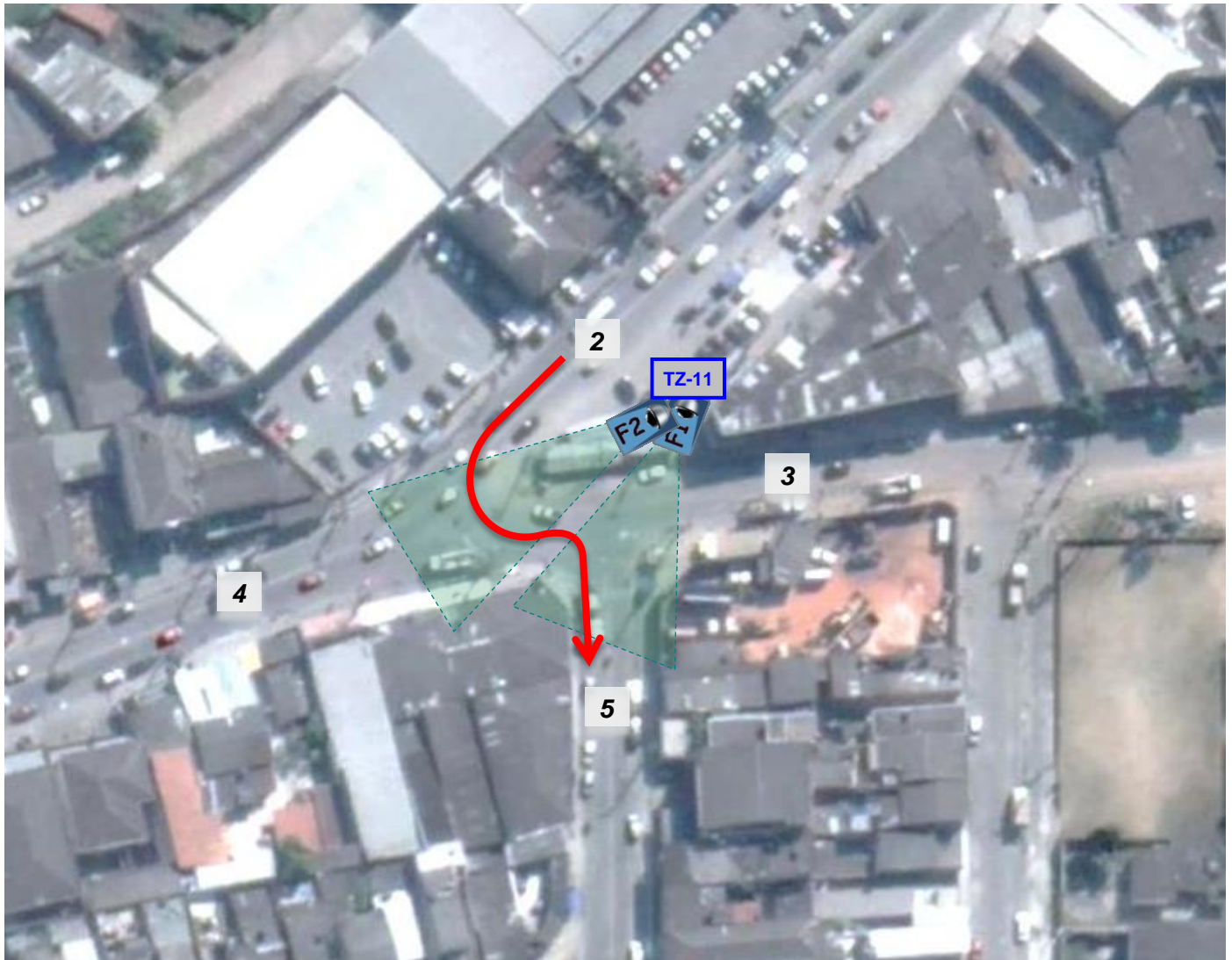
Movimento Contado	
2 > 4	Av. Francisco Marengo em frente

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	18	0	1	4	0	29	109	23	81	12:00	12:15	110	0	10	3	0	141	633	123	552
0:15	0:30	17	0	1	6	0	32		24		12:15	12:30	137	0	12	5	0	177		154	
0:30	0:45	13	0	0	8	0	29		21		12:30	12:45	113	0	14	6	0	160		133	
0:45	1:00	6	0	0	7	0	20		13		12:45	13:00	133	0	7	2	0	155		142	
1:00	1:15	12	0	0	3	0	18	73	15	55	13:00	13:15	111	0	13	3	0	150	621	127	531
1:15	1:30	19	0	0	3	0	25		22		13:15	13:30	141	0	14	7	0	190		162	
1:30	1:45	2	0	2	6	0	19		10		13:30	13:45	110	0	9	3	0	139		122	
1:45	2:00	6	0	1	1	0	11		8		13:45	14:00	104	0	14	2	0	143		120	
2:00	2:15	4	0	0	2	0	8	30	6	21	14:00	14:15	151	0	22	2	0	210	690	175	580
2:15	2:30	4	0	2	0	0	9		6		14:15	14:30	118	0	9	7	0	155		134	
2:30	2:45	1	0	1	0	0	4		2		14:30	14:45	133	0	15	4	0	179		152	
2:45	3:00	5	0	1	1	0	10		7		14:45	15:00	100	0	18	1	0	147		119	
3:00	3:15	4	0	1	2	0	11	63	7	51	15:00	15:15	131	0	12	3	0	167	693	146	578
3:15	3:30	6	0	2	0	0	11		8		15:15	15:30	113	0	21	3	0	172		137	
3:30	3:45	12	0	0	1	0	14		13		15:30	15:45	147	0	17	2	0	194		166	
3:45	4:00	20	0	2	1	0	27		23		15:45	16:00	107	0	19	3	0	161		129	
4:00	4:15	18	0	1	3	0	27	124	22	110	16:00	16:15	139	0	12	5	0	179	727	156	620
4:15	4:30	20	0	0	3	0	26		23		16:15	16:30	135	0	16	5	0	185		156	
4:30	4:45	28	0	1	3	0	37		32		16:30	16:45	118	0	11	4	0	154		133	
4:45	5:00	31	0	0	2	0	35		33		16:45	17:00	151	0	21	3	0	210		175	
5:00	5:15	45	0	2	6	0	62	311	53	271	17:00	17:15	156	0	14	2	0	195	780	172	705
5:15	5:30	57	0	6	3	0	78		66		17:15	17:30	172	0	8	3	0	198		183	
5:30	5:45	55	0	4	2	0	69		61		17:30	17:45	157	0	10	4	0	190		171	
5:45	6:00	82	0	3	6	0	102		91		17:45	18:00	165	0	8	6	0	197		179	
6:00	6:15	92	0	1	9	0	113	605	102	528	18:00	18:15	170	0	8	2	0	194	744	180	681
6:15	6:30	135	0	6	7	0	164		148		18:15	18:30	145	0	9	6	0	180		160	
6:30	6:45	120	0	11	7	0	162		138		18:30	18:45	165	0	5	6	0	190		176	
6:45	7:00	121	0	15	4	0	167		140		18:45	19:00	153	0	8	4	0	181		165	
7:00	7:15	134	0	15	3	0	178	742	152	647	19:00	19:15	139	0	4	5	0	159	694	148	639
7:15	7:30	125	0	10	13	0	176		148		19:15	19:30	135	0	8	5	0	165		148	
7:30	7:45	149	0	13	5	0	192		167		19:30	19:45	177	0	4	6	0	199		187	
7:45	8:00	167	0	8	5	0	197		180		19:45	20:00	143	0	4	9	0	171		156	
8:00	8:15	121	0	16	2	0	165	689	139	593	20:00	20:15	110	0	3	2	0	122	401	115	378
8:15	8:30	154	0	12	4	0	192		170		20:15	20:30	93	0	0	5	0	103		98	
8:30	8:45	124	0	9	3	0	153		136		20:30	20:45	77	0	2	2	0	86		81	
8:45	9:00	125	0	16	7	0	179		148		20:45	21:00	78	0	1	5	0	91		84	
9:00	9:15	121	0	18	2	0	170	652	141	557	21:00	21:15	75	0	1	1	0	80	309	77	287
9:15	9:30	133	0	9	2	0	160		144		21:15	21:30	85	0	3	3	0	99		91	
9:30	9:45	131	0	8	4	0	159		143		21:30	21:45	46	0	2	5	0	61		53	
9:45	10:00	105	0	20	4	0	163		129		21:45	22:00	63	0	1	2	0	70		66	
10:00	10:15	131	0	11	5	0	169	740	147	624	22:00	22:15	71	0	3	1	0	81	298	75	272
10:15	10:30	144	0	17	5	0	197		166		22:15	22:30	81	0	0	6	0	93		87	
10:30	10:45	129	0	20	2	0	183		151		22:30	22:45	44	0	0	4	0	52		48	
10:45	11:00	138	0	20	2	0	192		160		22:45	23:00	53	0	2	7	0	72		62	
11:00	11:15	105	0	20	5	0	165	661	130	550	23:00	23:15	44	0	0	4	0	52	153	48	132
11:15	11:30	123	0	20	1	0	175		144		23:15	23:30	28	0	2	2	0	37		32	
11:30	11:45	130	0	14	4	0	173		148		23:30	23:45	25	0	2	4	0	38		31	
11:45	12:00	114	0	12	2	0	148		128		23:45	0:00	17	0	1	3	0	26		21	

Movimento Contado

2 > 5 Av. Francisco Marengo conv à esq. R. Orlando Fava



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	-	Truck	Bus	-	PCU	VEC
0:00	1:00	6	0	0	1	0	8	7
1:00	2:00	2	0	0	1	0	4	3
2:00	3:00	1	0	0	0	0	1	1
3:00	4:00	2	0	0	1	0	4	3
4:00	5:00	2	0	1	5	0	15	8
5:00	6:00	16	0	0	5	0	26	21
6:00	7:00	45	0	2	8	0	66	55
7:00	8:00	62	0	0	6	0	74	68
8:00	9:00	30	0	2	5	0	45	37
9:00	10:00	37	0	3	4	0	53	44
10:00	11:00	62	0	1	5	0	75	68
11:00	12:00	55	0	6	4	0	78	65

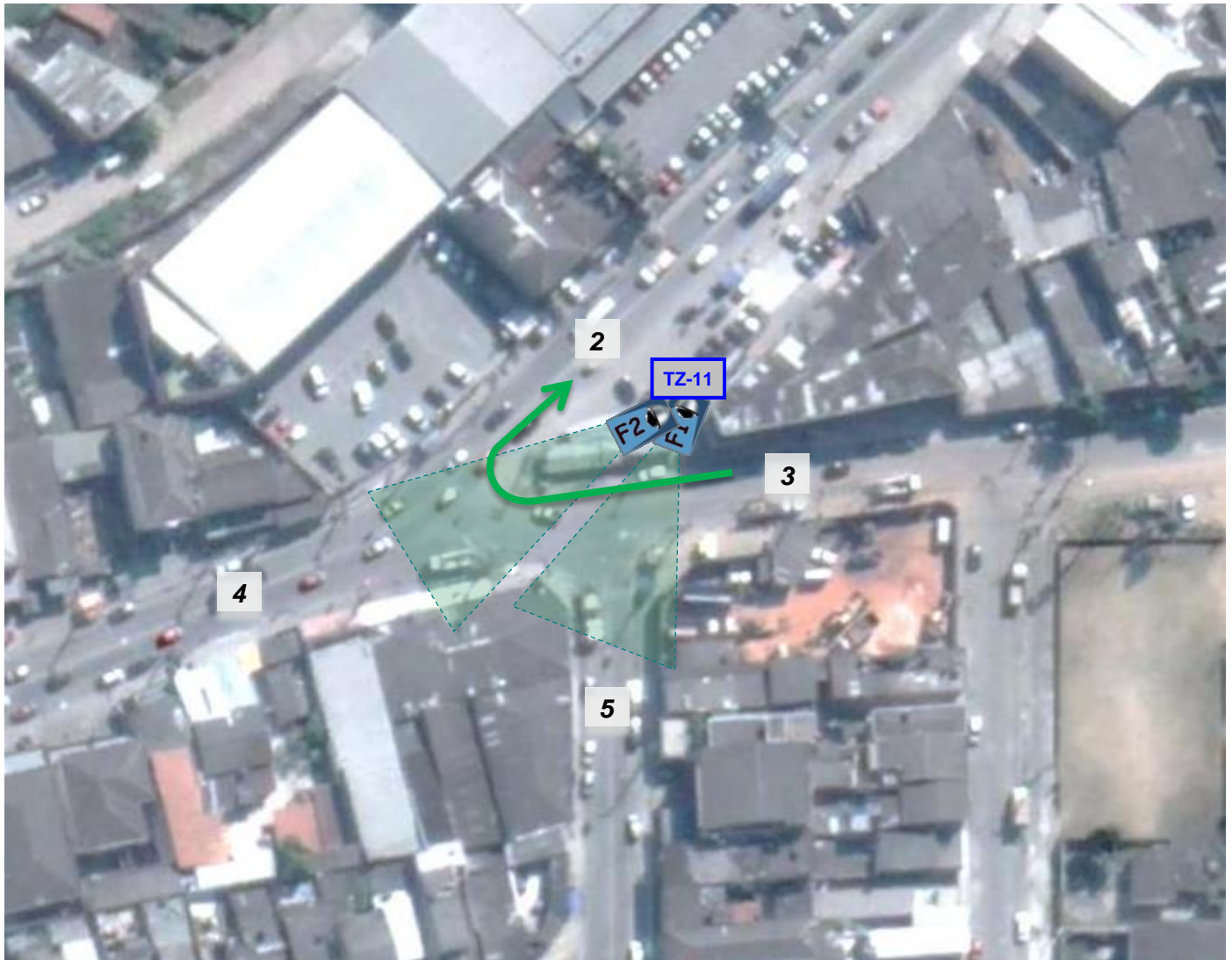
Período Tarde								
Período de	até	Car	-	Truck	Bus	-	PCU	VEC
12:00	13:00	72	0	2	5	0	87	79
13:00	14:00	61	0	2	6	0	78	69
14:00	15:00	54	0	1	6	0	69	61
15:00	16:00	67	0	3	4	0	83	74
16:00	17:00	78	0	1	4	0	89	83
17:00	18:00	87	0	1	6	0	102	94
18:00	19:00	84	0	3	5	0	102	92
19:00	20:00	82	0	1	5	0	95	88
20:00	21:00	59	0	0	4	0	67	63
21:00	22:00	49	0	0	3	0	55	52
22:00	23:00	53	0	0	6	0	65	59
23:00	0:00	16	0	0	5	0	26	21

Movimento Contado
2 > 5
Av. Francisco Marengo conv à esq. R. Orlando Fava
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	3	0	0	0	0	3	8	3	87	26	0	1	1	0	31	28		
0:15	0:30	3	0	0	0	0	3		3		12:15	12:30	12	0	0	1	0	14	13
0:30	0:45	0	0	0	0	0	0		0		12:30	12:45	15	0	0	2	0	19	17
0:45	1:00	0	0	0	1	0	2		1		12:45	13:00	19	0	1	1	0	24	21
1:00	1:15	1	0	0	0	0	1	4	1	78	13:00	13:15	14	0	0	3	0	20	17
1:15	1:30	1	0	0	0	0	1		1		13:15	13:30	17	0	0	0	0	17	17
1:30	1:45	0	0	0	1	0	2		1		13:30	13:45	17	0	2	2	0	26	21
1:45	2:00	0	0	0	0	0	0		0		13:45	14:00	13	0	0	1	0	15	14
2:00	2:15	0	0	0	0	0	0	1	0	69	14:00	14:15	16	0	0	1	0	18	17
2:15	2:30	0	0	0	0	0	0		0		14:15	14:30	13	0	0	1	0	15	14
2:30	2:45	0	0	0	0	0	0		0		14:30	14:45	14	0	0	1	0	16	15
2:45	3:00	1	0	0	0	0	1		1		14:45	15:00	11	0	1	3	0	20	15
3:00	3:15	1	0	0	0	0	1	4	1	83	15:00	15:15	20	0	0	1	0	22	21
3:15	3:30	0	0	0	0	0	0		0		15:15	15:30	16	0	0	0	0	16	16
3:30	3:45	1	0	0	1	0	3		2		15:30	15:45	17	0	2	1	0	24	20
3:45	4:00	0	0	0	0	0	0		0		15:45	16:00	14	0	1	2	0	21	17
4:00	4:15	0	0	0	2	0	4	15	2	89	16:00	16:15	22	0	1	1	0	27	24
4:15	4:30	0	0	1	2	0	7		3		16:15	16:30	16	0	0	1	0	18	17
4:30	4:45	0	0	0	0	0	0		0		16:30	16:45	15	0	0	1	0	17	16
4:45	5:00	2	0	0	1	0	4		3		16:45	17:00	25	0	0	1	0	27	26
5:00	5:15	1	0	0	1	0	3	26	2	102	17:00	17:15	14	0	1	2	0	21	17
5:15	5:30	7	0	0	2	0	11		9		17:15	17:30	24	0	0	2	0	28	26
5:30	5:45	2	0	0	0	0	2		2		17:30	17:45	22	0	0	0	0	22	22
5:45	6:00	6	0	0	2	0	10		8		17:45	18:00	27	0	0	2	0	31	29
6:00	6:15	6	0	1	2	0	13	66	9	102	18:00	18:15	19	0	1	1	0	24	21
6:15	6:30	9	0	1	2	0	16		12		18:15	18:30	23	0	1	0	0	26	24
6:30	6:45	8	0	0	1	0	10		9		18:30	18:45	24	0	1	3	0	33	28
6:45	7:00	22	0	0	3	0	28		25		18:45	19:00	18	0	0	1	0	20	19
7:00	7:15	12	0	0	0	0	12	74	12	95	19:00	19:15	17	0	1	1	0	22	19
7:15	7:30	16	0	0	2	0	20		18		19:15	19:30	19	0	0	2	0	23	21
7:30	7:45	16	0	0	2	0	20		18		19:30	19:45	26	0	0	1	0	28	27
7:45	8:00	18	0	0	2	0	22		20		19:45	20:00	20	0	0	1	0	22	21
8:00	8:15	14	0	0	1	0	16	45	15	67	20:00	20:15	13	0	0	0	0	13	13
8:15	8:30	5	0	1	1	0	10		7		20:15	20:30	15	0	0	1	0	17	16
8:30	8:45	5	0	0	2	0	9		7		20:30	20:45	14	0	0	1	0	16	15
8:45	9:00	6	0	1	1	0	11		8		20:45	21:00	17	0	0	2	0	21	19
9:00	9:15	10	0	0	1	0	12	53	11	55	21:00	21:15	13	0	0	1	0	15	14
9:15	9:30	15	0	0	1	0	17		16		21:15	21:30	12	0	0	1	0	14	13
9:30	9:45	8	0	1	0	0	11		9		21:30	21:45	11	0	0	0	0	11	11
9:45	10:00	4	0	2	2	0	13		8		21:45	22:00	13	0	0	1	0	15	14
10:00	10:15	12	0	0	1	0	14	75	13	65	22:00	22:15	17	0	0	1	0	19	18
10:15	10:30	18	0	0	2	0	22		20		22:15	22:30	16	0	0	2	0	20	18
10:30	10:45	15	0	1	1	0	20		17		22:30	22:45	9	0	0	1	0	11	10
10:45	11:00	17	0	0	1	0	19		18		22:45	23:00	11	0	0	2	0	15	13
11:00	11:15	11	0	3	0	0	19	78	14	26	23:00	23:15	9	0	0	2	0	13	11
11:15	11:30	13	0	1	2	0	20		16		23:15	23:30	2	0	0	0	0	2	2
11:30	11:45	16	0	1	0	0	19		17		23:30	23:45	3	0	0	2	0	7	5
11:45	12:00	15	0	1	2	0	22		18		23:45	0:00	2	0	0	1	0	4	3

Movimento Contado

3 > 2 R. Washington Luis 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	7	0	0	0	0	7	7
1:00	2:00	1	0	0	0	0	1	1
2:00	3:00	1	0	0	0	0	1	1
3:00	4:00	2	0	0	1	0	4	3
4:00	5:00	5	0	0	2	0	9	7
5:00	6:00	35	0	0	1	0	37	36
6:00	7:00	111	0	4	11	0	143	126
7:00	8:00	99	0	1	1	0	104	101
8:00	9:00	80	0	1	0	0	83	81
9:00	10:00	62	0	5	0	0	75	67
10:00	11:00	66	0	9	1	0	91	76
11:00	12:00	53	0	3	2	0	65	58

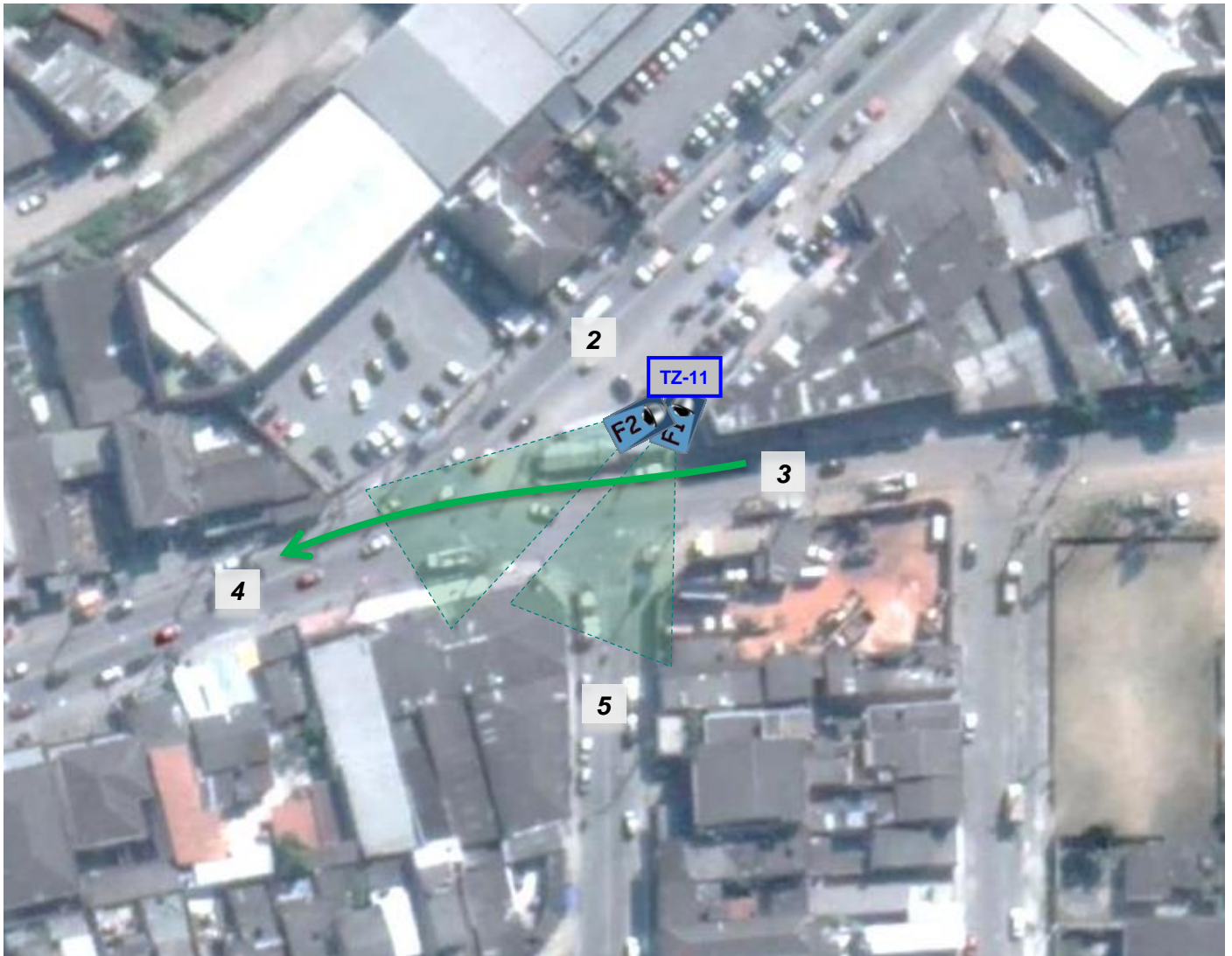
Período Tarde								
Período de	até	Car	-	Truck	Bus	-	PCU	VEC
12:00	13:00	88	0	5	2	0	105	95
13:00	14:00	86	0	2	2	0	95	90
14:00	15:00	75	0	2	0	0	80	77
15:00	16:00	63	0	3	2	0	75	68
16:00	17:00	93	0	6	2	0	112	101
17:00	18:00	113	0	7	4	0	139	124
18:00	19:00	150	0	0	1	0	152	151
19:00	20:00	98	0	1	0	0	101	99
20:00	21:00	49	0	1	0	0	52	50
21:00	22:00	49	0	0	0	0	49	49
22:00	23:00	43	0	1	3	0	52	47
23:00	0:00	19	0	0	1	0	21	20

Movimento Contado
3 > 2
R. Washington Luis 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	2	0	0	0	0	2	2	12:00	12:15	21	0	0	1	0	23	22
0:15	0:30	4	0	0	0	0	4	4	12:15	12:30	24	0	2	1	0	31	27
0:30	0:45	1	0	0	0	0	1	1	12:30	12:45	17	0	1	0	0	20	18
0:45	1:00	0	0	0	0	0	0	0	12:45	13:00	26	0	2	0	0	31	28
1:00	1:15	0	0	0	0	0	0	0	13:00	13:15	30	0	0	2	0	34	32
1:15	1:30	1	0	0	0	0	1	1	13:15	13:30	22	0	0	0	0	22	22
1:30	1:45	0	0	0	0	0	0	0	13:30	13:45	14	0	1	0	0	17	15
1:45	2:00	0	0	0	0	0	0	0	13:45	14:00	20	0	1	0	0	23	21
2:00	2:15	0	0	0	0	0	0	0	14:00	14:15	21	0	0	0	0	21	21
2:15	2:30	1	0	0	0	0	1	1	14:15	14:30	15	0	1	0	0	18	16
2:30	2:45	0	0	0	0	0	0	0	14:30	14:45	23	0	1	0	0	26	24
2:45	3:00	0	0	0	0	0	0	0	14:45	15:00	16	0	0	0	0	16	16
3:00	3:15	1	0	0	0	0	1	1	15:00	15:15	16	0	1	1	0	21	18
3:15	3:30	0	0	0	0	0	0	0	15:15	15:30	12	0	1	1	0	17	14
3:30	3:45	0	0	0	1	0	2	1	15:30	15:45	14	0	1	0	0	17	15
3:45	4:00	1	0	0	0	0	1	1	15:45	16:00	21	0	0	0	0	21	21
4:00	4:15	1	0	0	0	0	1	1	16:00	16:15	26	0	1	0	0	29	27
4:15	4:30	1	0	0	1	0	3	2	16:15	16:30	18	0	4	1	0	30	23
4:30	4:45	2	0	0	0	0	2	2	16:30	16:45	22	0	1	1	0	27	24
4:45	5:00	1	0	0	1	0	3	2	16:45	17:00	27	0	0	0	0	27	27
5:00	5:15	6	0	0	0	0	6	6	17:00	17:15	29	0	0	0	0	29	29
5:15	5:30	10	0	0	1	0	12	11	17:15	17:30	26	0	3	0	0	34	29
5:30	5:45	12	0	0	0	0	12	12	17:30	17:45	35	0	3	4	0	51	42
5:45	6:00	7	0	0	0	0	7	7	17:45	18:00	23	0	1	0	0	26	24
6:00	6:15	16	0	2	6	0	33	24	18:00	18:15	42	0	0	0	0	42	42
6:15	6:30	26	0	0	1	0	28	27	18:15	18:30	42	0	0	0	0	42	42
6:30	6:45	41	0	0	2	0	45	43	18:30	18:45	35	0	0	1	0	37	36
6:45	7:00	28	0	2	2	0	37	32	18:45	19:00	31	0	0	0	0	31	31
7:00	7:15	36	0	1	1	0	41	38	19:00	19:15	32	0	0	0	0	32	32
7:15	7:30	24	0	0	0	0	24	24	19:15	19:30	21	0	0	0	0	21	21
7:30	7:45	22	0	0	0	0	22	22	19:30	19:45	19	0	1	0	0	22	20
7:45	8:00	17	0	0	0	0	17	17	19:45	20:00	26	0	0	0	0	26	26
8:00	8:15	28	0	0	0	0	28	28	20:00	20:15	16	0	0	0	0	16	16
8:15	8:30	24	0	0	0	0	24	24	20:15	20:30	12	0	0	0	0	12	12
8:30	8:45	15	0	1	0	0	18	16	20:30	20:45	11	0	0	0	0	11	11
8:45	9:00	13	0	0	0	0	13	13	20:45	21:00	10	0	1	0	0	13	11
9:00	9:15	18	0	0	0	0	18	18	21:00	21:15	12	0	0	0	0	12	12
9:15	9:30	12	0	4	0	0	22	16	21:15	21:30	13	0	0	0	0	13	13
9:30	9:45	16	0	0	0	0	16	16	21:30	21:45	16	0	0	0	0	16	16
9:45	10:00	16	0	1	0	0	19	17	21:45	22:00	8	0	0	0	0	8	8
10:00	10:15	16	0	3	1	0	26	20	22:00	22:15	7	0	0	0	0	7	7
10:15	10:30	16	0	4	0	0	26	20	22:15	22:30	9	0	0	0	0	9	9
10:30	10:45	16	0	1	0	0	19	17	22:30	22:45	7	0	0	2	0	11	9
10:45	11:00	18	0	1	0	0	21	19	22:45	23:00	20	0	1	1	0	25	22
11:00	11:15	19	0	0	0	0	19	19	23:00	23:15	9	0	0	1	0	11	10
11:15	11:30	5	0	0	0	0	5	5	23:15	23:30	2	0	0	0	0	2	2
11:30	11:45	13	0	3	2	0	25	18	23:30	23:45	4	0	0	0	0	4	4
11:45	12:00	16	0	0	0	0	16	16	23:45	0:00	4	0	0	0	0	4	4

Movimento Contado

3 > 4 R. Washington Luis conv à esq. Av. Francisco Marengo



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	-	Truck	Bus	-	PCU	VEC
0:00	1:00	6	0	1	2	0	13	9
1:00	2:00	2	0	0	1	0	4	3
2:00	3:00	4	0	1	1	0	9	6
3:00	4:00	9	0	1	0	0	12	10
4:00	5:00	17	0	1	1	0	22	19
5:00	6:00	31	0	0	3	0	37	34
6:00	7:00	70	0	0	4	0	78	74
7:00	8:00	55	0	4	2	0	69	61
8:00	9:00	71	0	3	0	0	79	74
9:00	10:00	68	0	5	0	0	81	73
10:00	11:00	60	0	4	1	0	72	65
11:00	12:00	60	0	4	2	0	74	66

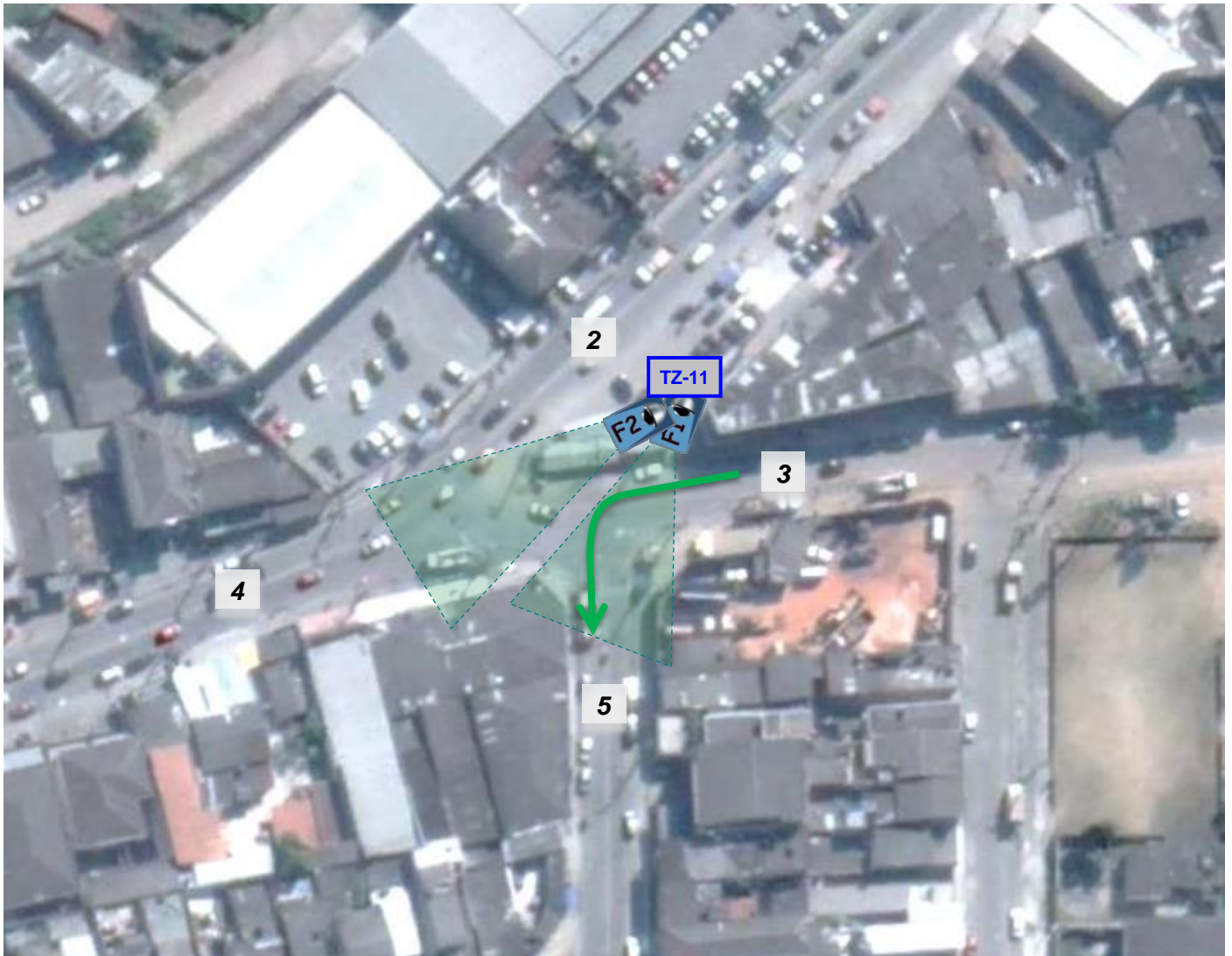
Período Tarde								
Período de	até	Car	-	Truck	Bus	-	PCU	VEC
12:00	13:00	86	0	5	2	0	103	93
13:00	14:00	64	0	1	0	0	67	65
14:00	15:00	49	0	1	0	0	52	50
15:00	16:00	60	0	2	0	0	65	62
16:00	17:00	64	0	4	0	0	74	68
17:00	18:00	57	0	1	4	0	68	62
18:00	19:00	44	0	1	0	0	47	45
19:00	20:00	67	0	0	1	0	69	68
20:00	21:00	54	0	0	1	0	56	55
21:00	22:00	45	0	1	0	0	48	46
22:00	23:00	53	0	0	0	0	53	53
23:00	0:00	20	0	0	0	0	20	20

Movimento Contado
3 > 4
R. Washington Luis conv à esq. 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	3	0	1	0	0	6	4	12:00	12:15	24	0	1	0	0	27	25
0:15	0:30	2	0	0	1	0	4	3	12:15	12:30	22	0	2	0	0	27	24
0:30	0:45	1	0	0	0	0	1	1	12:30	12:45	25	0	2	0	0	30	27
0:45	1:00	0	0	0	1	0	2	1	12:45	13:00	15	0	0	2	0	19	17
1:00	1:15	1	0	0	0	0	1	1	13:00	13:15	12	0	0	0	0	12	12
1:15	1:30	1	0	0	1	0	3	2	13:15	13:30	16	0	0	0	0	16	16
1:30	1:45	0	0	0	0	0	0	0	13:30	13:45	17	0	1	0	0	20	18
1:45	2:00	0	0	0	0	0	0	0	13:45	14:00	19	0	0	0	0	19	19
2:00	2:15	0	0	0	0	0	0	0	14:00	14:15	15	0	0	0	0	15	15
2:15	2:30	1	0	1	1	0	6	3	14:15	14:30	13	0	1	0	0	16	14
2:30	2:45	2	0	0	0	0	2	2	14:30	14:45	11	0	0	0	0	11	11
2:45	3:00	1	0	0	0	0	1	1	14:45	15:00	10	0	0	0	0	10	10
3:00	3:15	2	0	0	0	0	2	2	15:00	15:15	20	0	1	0	0	23	21
3:15	3:30	0	0	0	0	0	0	0	15:15	15:30	11	0	0	0	0	11	11
3:30	3:45	4	0	0	0	0	4	4	15:30	15:45	14	0	0	0	0	14	14
3:45	4:00	3	0	1	0	0	6	4	15:45	16:00	15	0	1	0	0	18	16
4:00	4:15	3	0	0	1	0	5	4	16:00	16:15	13	0	2	0	0	18	15
4:15	4:30	4	0	1	0	0	7	5	16:15	16:30	18	0	2	0	0	23	20
4:30	4:45	6	0	0	0	0	6	6	16:30	16:45	14	0	0	0	0	14	14
4:45	5:00	4	0	0	0	0	4	4	16:45	17:00	19	0	0	0	0	19	19
5:00	5:15	7	0	0	0	0	7	7	17:00	17:15	15	0	0	1	0	17	16
5:15	5:30	10	0	0	3	0	16	13	17:15	17:30	15	0	1	0	0	18	16
5:30	5:45	6	0	0	0	0	6	6	17:30	17:45	14	0	0	1	0	16	15
5:45	6:00	8	0	0	0	0	8	8	17:45	18:00	13	0	0	2	0	17	15
6:00	6:15	10	0	0	0	0	10	10	18:00	18:15	10	0	0	0	0	10	10
6:15	6:30	10	0	0	3	0	16	13	18:15	18:30	9	0	1	0	0	12	10
6:30	6:45	19	0	0	1	0	21	20	18:30	18:45	10	0	0	0	0	10	10
6:45	7:00	31	0	0	0	0	31	31	18:45	19:00	15	0	0	0	0	15	15
7:00	7:15	11	0	1	0	0	14	12	19:00	19:15	17	0	0	0	0	17	17
7:15	7:30	16	0	2	0	0	21	18	19:15	19:30	14	0	0	0	0	14	14
7:30	7:45	17	0	1	1	0	22	19	19:30	19:45	21	0	0	0	0	21	21
7:45	8:00	11	0	0	1	0	13	12	19:45	20:00	15	0	0	1	0	17	16
8:00	8:15	16	0	1	0	0	19	17	20:00	20:15	12	0	0	0	0	12	12
8:15	8:30	13	0	1	0	0	16	14	20:15	20:30	14	0	0	0	0	14	14
8:30	8:45	21	0	1	0	0	24	22	20:30	20:45	15	0	0	0	0	15	15
8:45	9:00	21	0	0	0	0	21	21	20:45	21:00	13	0	0	1	0	15	14
9:00	9:15	16	0	1	0	0	19	17	21:00	21:15	9	0	0	0	0	9	9
9:15	9:30	18	0	2	0	0	23	20	21:15	21:30	14	0	0	0	0	14	14
9:30	9:45	21	0	2	0	0	26	23	21:30	21:45	11	0	1	0	0	14	12
9:45	10:00	13	0	0	0	0	13	13	21:45	22:00	11	0	0	0	0	11	11
10:00	10:15	15	0	2	1	0	22	18	22:00	22:15	12	0	0	0	0	12	12
10:15	10:30	9	0	1	0	0	12	10	22:15	22:30	13	0	0	0	0	13	13
10:30	10:45	15	0	0	0	0	15	15	22:30	22:45	12	0	0	0	0	12	12
10:45	11:00	21	0	1	0	0	24	22	22:45	23:00	16	0	0	0	0	16	16
11:00	11:15	21	0	0	0	0	21	21	23:00	23:15	6	0	0	0	0	6	6
11:15	11:30	13	0	2	0	0	18	15	23:15	23:30	4	0	0	0	0	4	4
11:30	11:45	16	0	1	0	0	19	17	23:30	23:45	4	0	0	0	0	4	4
11:45	12:00	10	0	1	2	0	17	13	23:45	0:00	6	0	0	0	0	6	6

Movimento Contado

3 > 5 R. Washington Luis conv à esq. R. Orlando Fava



Fluxo veicular a cada hora

Período Manhã								
Período de até		Car	-	Truck	Bus	-	PCU	VEC
0:00	1:00	4	0	0	0	0	4	4
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	1	0	0	0	0	1	1
4:00	5:00	1	0	0	0	0	1	1
5:00	6:00	2	0	0	0	0	2	2
6:00	7:00	13	0	0	2	0	17	15
7:00	8:00	27	0	2	1	0	34	30
8:00	9:00	22	0	1	0	0	25	23
9:00	10:00	25	0	1	0	0	28	26
10:00	11:00	28	0	1	0	0	31	29
11:00	12:00	26	0	0	0	0	26	26

Período Tarde								
Período de até		Car	-	Truck	Bus	-	PCU	VEC
12:00	13:00	45	0	0	5	0	55	50
13:00	14:00	36	0	0	0	0	36	36
14:00	15:00	29	0	0	0	0	29	29
15:00	16:00	21	0	1	0	0	24	22
16:00	17:00	32	0	0	0	0	32	32
17:00	18:00	31	0	1	1	0	36	33
18:00	19:00	66	0	2	0	0	71	68
19:00	20:00	40	0	0	0	0	40	40
20:00	21:00	18	0	0	0	0	18	18
21:00	22:00	10	0	0	0	0	10	10
22:00	23:00	19	0	1	0	0	22	20
23:00	0:00	1	0	0	0	0	1	1

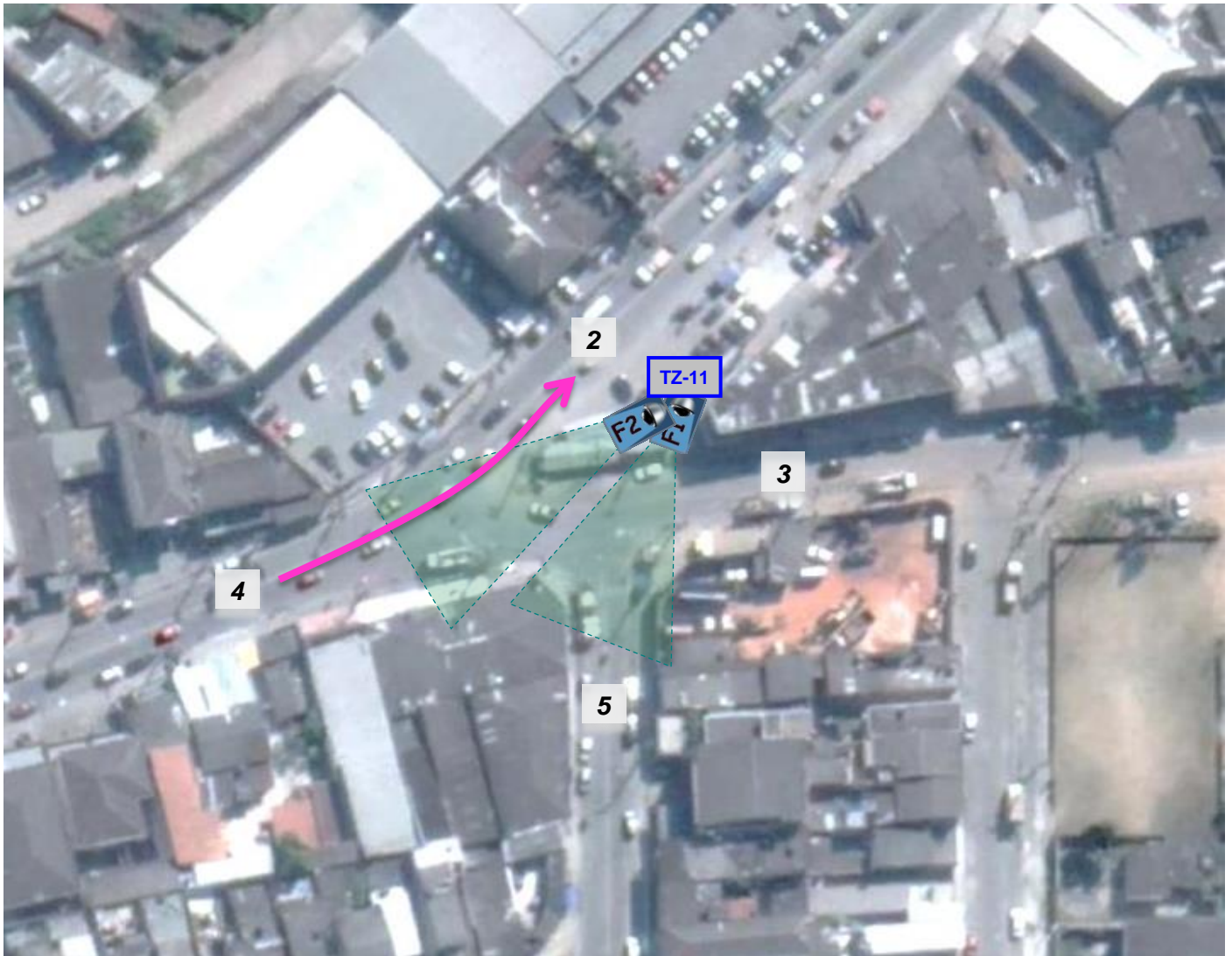
Movimento Contado	
3 > 5	R. Washington Luis conv à esq. R. Orlando Fava

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	2	0	0	0	0	2		2		12:00	12:15	7	0	0	3	0	13	10
0:15	0:30	2	0	0	0	0	2	4	2		12:15	12:30	11	0	0	1	0	13	12
0:30	0:45	0	0	0	0	0	0		0	4	12:30	12:45	8	0	0	1	0	10	9
0:45	1:00	0	0	0	0	0	0		0		12:45	13:00	19	0	0	0	0	19	19
1:00	1:15	0	0	0	0	0	0		0		13:00	13:15	15	0	0	0	0	15	15
1:15	1:30	0	0	0	0	0	0	0	0		13:15	13:30	6	0	0	0	0	6	6
1:30	1:45	0	0	0	0	0	0		0	0	13:30	13:45	10	0	0	0	0	10	10
1:45	2:00	0	0	0	0	0	0		0		13:45	14:00	5	0	0	0	0	5	5
2:00	2:15	0	0	0	0	0	0		0		14:00	14:15	5	0	0	0	0	5	5
2:15	2:30	0	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	0	14:30	14:45	4	0	0	0	0	4	4
2:45	3:00	0	0	0	0	0	0	0	0		14:45	15:00	9	0	0	0	0	9	9
3:00	3:15	0	0	0	0	0	0		0		15:00	15:15	4	0	0	0	0	4	4
3:15	3:30	0	0	0	0	0	0	1	0		15:15	15:30	4	0	0	0	0	4	4
3:30	3:45	0	0	0	0	0	0		0	1	15:30	15:45	6	0	1	0	0	9	7
3:45	4:00	1	0	0	0	0	1		1		15:45	16:00	7	0	0	0	0	7	7
4:00	4:15	0	0	0	0	0	0		0		16:00	16:15	4	0	0	0	0	4	4
4:15	4:30	1	0	0	0	0	1	1	1		16:15	16:30	11	0	0	0	0	11	11
4:30	4:45	0	0	0	0	0	0		0	1	16:30	16:45	9	0	0	0	0	9	9
4:45	5:00	0	0	0	0	0	0		0		16:45	17:00	8	0	0	0	0	8	8
5:00	5:15	1	0	0	0	0	1		1		17:00	17:15	6	0	0	1	0	8	7
5:15	5:30	1	0	0	0	0	1	2	1		17:15	17:30	10	0	1	0	0	13	11
5:30	5:45	0	0	0	0	0	0		0	2	17:30	17:45	7	0	0	0	0	7	7
5:45	6:00	0	0	0	0	0	0		0		17:45	18:00	8	0	0	0	0	8	8
6:00	6:15	4	0	0	0	0	4	17	4		18:00	18:15	20	0	0	0	0	20	20
6:15	6:30	1	0	0	0	0	1		1	17	18:15	18:30	23	0	0	0	0	23	23
6:30	6:45	4	0	0	2	0	8		6		18:30	18:45	10	0	1	0	0	13	11
6:45	7:00	4	0	0	0	0	4		4		18:45	19:00	13	0	1	0	0	16	14
7:00	7:15	7	0	0	0	0	7	34	7		19:00	19:15	16	0	0	0	0	16	16
7:15	7:30	10	0	1	0	0	13		11	34	19:15	19:30	13	0	0	0	0	13	13
7:30	7:45	5	0	0	1	0	7		6		19:30	19:45	6	0	0	0	0	6	6
7:45	8:00	5	0	1	0	0	8		6		19:45	20:00	5	0	0	0	0	5	5
8:00	8:15	5	0	0	0	0	5	25	5		20:00	20:15	5	0	0	0	0	5	5
8:15	8:30	3	0	0	0	0	3		3	25	20:15	20:30	4	0	0	0	0	4	4
8:30	8:45	9	0	1	0	0	12		10		20:30	20:45	4	0	0	0	0	4	4
8:45	9:00	5	0	0	0	0	5		5		20:45	21:00	5	0	0	0	0	5	5
9:00	9:15	5	0	0	0	0	5	28	5		21:00	21:15	0	0	0	0	0	0	0
9:15	9:30	5	0	0	0	0	5		5	28	21:15	21:30	4	0	0	0	0	4	4
9:30	9:45	12	0	0	0	0	12		12		21:30	21:45	3	0	0	0	0	3	3
9:45	10:00	3	0	1	0	0	6		4		21:45	22:00	3	0	0	0	0	3	3
10:00	10:15	8	0	0	0	0	8	31	8		22:00	22:15	2	0	0	0	0	2	2
10:15	10:30	6	0	0	0	0	6		6	31	22:15	22:30	2	0	0	0	0	2	2
10:30	10:45	9	0	1	0	0	12		10		22:30	22:45	1	0	0	0	0	1	1
10:45	11:00	5	0	0	0	0	5		5		22:45	23:00	14	0	1	0	0	17	15
11:00	11:15	5	0	0	0	0	5	26	5		23:00	23:15	0	0	0	0	0	0	0
11:15	11:30	8	0	0	0	0	8		8	26	23:15	23:30	1	0	0	0	0	1	1
11:30	11:45	6	0	0	0	0	6		6		23:30	23:45	0	0	0	0	0	0	0
11:45	12:00	7	0	0	0	0	7		7		23:45	0:00	0	0	0	0	0	0	0

Movimento Contado

4 > 2 Av. Francisco Marengo em frente



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	-	Truck	Bus	-	PCU	VEC
0:00	1:00	89	0	3	13	0	123	105
1:00	2:00	30	0	1	4	0	41	35
2:00	3:00	18	0	2	4	0	31	24
3:00	4:00	24	0	3	14	0	60	41
4:00	5:00	52	0	15	27	0	144	94
5:00	6:00	226	0	15	30	0	324	271
6:00	7:00	410	0	11	23	0	484	444
7:00	8:00	563	0	36	20	0	693	619
8:00	9:00	406	0	51	15	0	564	472
9:00	10:00	393	0	52	14	0	551	459
10:00	11:00	458	0	66	13	0	649	537
11:00	12:00	498	0	57	10	0	661	565

Período Tarde								
Período de	até	Car	-	Truck	Bus	-	PCU	VEC
12:00	13:00	448	0	36	15	0	568	499
13:00	14:00	483	0	50	16	0	640	549
14:00	15:00	462	0	41	17	0	599	520
15:00	16:00	481	0	46	11	0	618	538
16:00	17:00	540	0	46	15	0	685	601
17:00	18:00	448	0	33	15	0	561	496
18:00	19:00	511	0	21	11	0	586	543
19:00	20:00	582	0	15	11	0	642	608
20:00	21:00	449	0	9	6	0	484	464
21:00	22:00	394	0	5	11	0	429	410
22:00	23:00	348	0	1	6	0	363	355
23:00	0:00	168	0	4	6	0	190	178

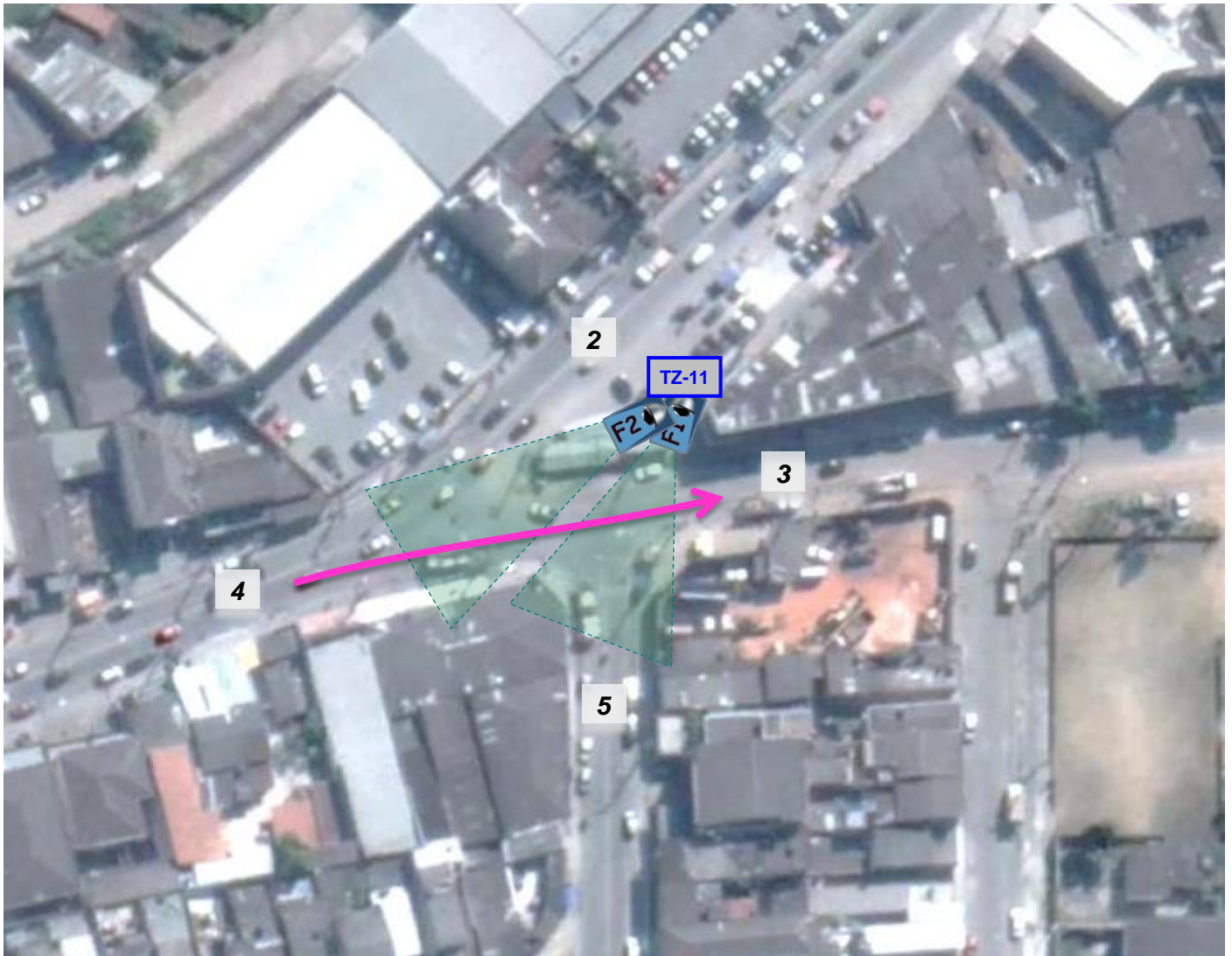
Movimento Contado
4 > 2 **Av. Francisco Marengo em frente**

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	27	0	1	4	0	38	32	12:00	12:15	102	0	10	3	0	133	115
0:15	0:30	27	0	2	7	0	46	36	12:15	12:30	123	0	6	3	0	144	132
0:30	0:45	21	0	0	2	0	25	23	12:30	12:45	118	0	12	5	0	158	135
0:45	1:00	14	0	0	0	0	14	14	12:45	13:00	105	0	8	4	0	133	117
1:00	1:15	8	0	0	1	0	10	9	13:00	13:15	139	0	8	6	0	171	153
1:15	1:30	11	0	0	2	0	15	13	13:15	13:30	120	0	11	4	0	156	135
1:30	1:45	3	0	1	0	0	6	4	13:30	13:45	127	0	13	5	0	170	145
1:45	2:00	8	0	0	1	0	10	9	13:45	14:00	97	0	18	1	0	144	116
2:00	2:15	4	0	0	1	0	6	5	14:00	14:15	99	0	9	1	0	124	109
2:15	2:30	3	0	0	1	0	5	4	14:15	14:30	134	0	11	3	0	168	148
2:30	2:45	7	0	1	0	0	10	8	14:30	14:45	115	0	12	6	0	157	133
2:45	3:00	4	0	1	2	0	11	7	14:45	15:00	114	0	9	7	0	151	130
3:00	3:15	4	0	0	1	0	6	5	15:00	15:15	127	0	10	2	0	156	139
3:15	3:30	6	0	1	4	0	17	11	15:15	15:30	111	0	16	2	0	155	129
3:30	3:45	3	0	0	3	0	9	6	15:30	15:45	112	0	8	5	0	142	125
3:45	4:00	11	0	2	6	0	28	19	15:45	16:00	131	0	12	2	0	165	145
4:00	4:15	10	0	1	8	0	29	19	16:00	16:15	134	0	15	3	0	178	152
4:15	4:30	7	0	6	5	0	32	18	16:15	16:30	144	0	11	4	0	180	159
4:30	4:45	15	0	3	5	0	33	23	16:30	16:45	127	0	8	5	0	157	140
4:45	5:00	20	0	5	9	0	51	34	16:45	17:00	135	0	12	3	0	171	150
5:00	5:15	42	0	0	11	0	64	53	17:00	17:15	118	0	12	3	0	154	133
5:15	5:30	50	0	3	12	0	82	65	17:15	17:30	130	0	4	5	0	150	139
5:30	5:45	65	0	3	4	0	81	72	17:30	17:45	89	0	10	2	0	118	101
5:45	6:00	69	0	9	3	0	98	81	17:45	18:00	111	0	7	5	0	139	123
6:00	6:15	63	0	1	6	0	78	70	18:00	18:15	120	0	8	2	0	144	130
6:15	6:30	95	0	3	9	0	121	107	18:15	18:30	108	0	3	2	0	120	113
6:30	6:45	118	0	3	2	0	130	123	18:30	18:45	143	0	5	2	0	160	150
6:45	7:00	134	0	4	6	0	156	144	18:45	19:00	140	0	5	5	0	163	150
7:00	7:15	120	0	3	7	0	142	130	19:00	19:15	151	0	7	2	0	173	160
7:15	7:30	178	0	11	7	0	220	196	19:15	19:30	150	0	5	3	0	169	158
7:30	7:45	136	0	10	3	0	167	149	19:30	19:45	145	0	1	3	0	154	149
7:45	8:00	129	0	12	3	0	165	144	19:45	20:00	136	0	2	3	0	147	141
8:00	8:15	101	0	13	5	0	144	119	20:00	20:15	105	0	3	2	0	117	110
8:15	8:30	108	0	8	4	0	136	120	20:15	20:30	115	0	2	1	0	122	118
8:30	8:45	91	0	15	1	0	131	107	20:30	20:45	117	0	3	1	0	127	121
8:45	9:00	106	0	15	5	0	154	126	20:45	21:00	112	0	1	2	0	119	115
9:00	9:15	96	0	6	4	0	119	106	21:00	21:15	94	0	0	1	0	96	95
9:15	9:30	95	0	11	3	0	129	109	21:15	21:30	98	0	1	5	0	111	104
9:30	9:45	100	0	18	5	0	155	123	21:30	21:45	107	0	2	3	0	118	112
9:45	10:00	102	0	17	2	0	149	121	21:45	22:00	95	0	2	2	0	104	99
10:00	10:15	114	0	17	3	0	163	134	22:00	22:15	84	0	0	1	0	86	85
10:15	10:30	131	0	15	4	0	177	150	22:15	22:30	109	0	1	1	0	114	111
10:30	10:45	93	0	23	3	0	157	119	22:30	22:45	84	0	0	1	0	86	85
10:45	11:00	120	0	11	3	0	154	134	22:45	23:00	71	0	0	3	0	77	74
11:00	11:15	139	0	23	1	0	199	163	23:00	23:15	56	0	2	3	0	67	61
11:15	11:30	114	0	9	4	0	145	127	23:15	23:30	45	0	1	1	0	50	47
11:30	11:45	109	0	11	3	0	143	123	23:30	23:45	36	0	0	1	0	38	37
11:45	12:00	136	0	14	2	0	175	152	23:45	0:00	31	0	1	1	0	36	33

Movimento Contado

4 > 3 Av. Francisco Marengo conv à dir. R. Washington Luis



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	-	Truck	Bus	-	PCU	VEC
0:00	1:00	24	0	0	0	0	24	24
1:00	2:00	5	0	0	2	0	9	7
2:00	3:00	6	0	0	1	0	8	7
3:00	4:00	6	0	0	1	0	8	7
4:00	5:00	14	0	0	4	0	22	18
5:00	6:00	13	0	0	2	0	17	15
6:00	7:00	48	0	1	2	0	55	51
7:00	8:00	56	0	2	3	0	67	61
8:00	9:00	63	0	6	3	0	84	72
9:00	10:00	67	0	8	0	0	87	75
10:00	11:00	76	0	1	1	0	81	78
11:00	12:00	87	0	8	1	0	109	96

Período Tarde								
Período de	até	Car	-	Truck	Bus	-	PCU	VEC
12:00	13:00	95	0	3	3	0	109	101
13:00	14:00	88	0	4	2	0	102	94
14:00	15:00	73	0	3	0	0	81	76
15:00	16:00	90	0	2	1	0	97	93
16:00	17:00	89	0	2	1	0	96	92
17:00	18:00	73	0	2	3	0	84	78
18:00	19:00	102	0	2	2	0	111	106
19:00	20:00	104	0	2	1	0	111	107
20:00	21:00	79	0	1	0	0	82	80
21:00	22:00	80	0	0	0	0	80	80
22:00	23:00	59	0	0	0	0	59	59
23:00	0:00	39	0	0	0	0	39	39

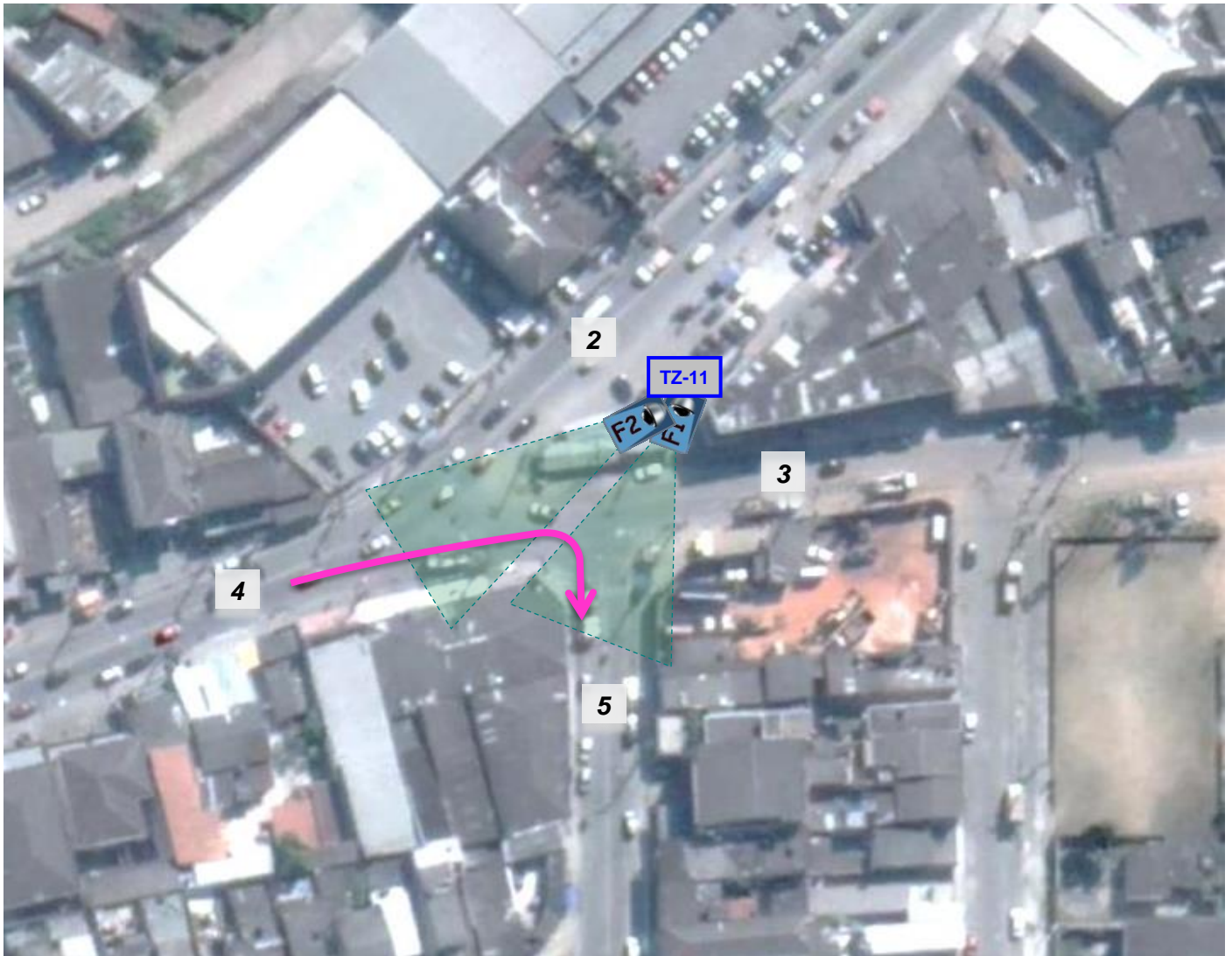
Movimento Contado
4 > 3 **Av. Francisco Marengo conv à dir. R. Washington Luis**

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	10	0	0	0	0	10	10	12:00	12:15	18	0	0	1	0	20	19
0:15	0:30	7	0	0	0	0	7	7	12:15	12:30	25	0	0	0	0	25	25
0:30	0:45	4	0	0	0	0	4	4	12:30	12:45	25	0	1	1	0	30	27
0:45	1:00	3	0	0	0	0	3	3	12:45	13:00	27	0	2	1	0	34	30
1:00	1:15	1	0	0	0	0	1	1	13:00	13:15	18	0	1	1	0	23	20
1:15	1:30	1	0	0	1	0	3	2	13:15	13:30	25	0	0	1	0	27	26
1:30	1:45	2	0	0	0	0	2	2	13:30	13:45	23	0	0	0	0	23	23
1:45	2:00	1	0	0	1	0	3	2	13:45	14:00	22	0	3	0	0	30	25
2:00	2:15	2	0	0	0	0	2	2	14:00	14:15	25	0	0	0	0	25	25
2:15	2:30	2	0	0	1	0	4	3	14:15	14:30	17	0	0	0	0	17	17
2:30	2:45	1	0	0	0	0	1	1	14:30	14:45	12	0	2	0	0	17	14
2:45	3:00	1	0	0	0	0	1	1	14:45	15:00	19	0	1	0	0	22	20
3:00	3:15	1	0	0	0	0	1	1	15:00	15:15	25	0	1	1	0	30	27
3:15	3:30	2	0	0	0	0	2	2	15:15	15:30	18	0	0	0	0	18	18
3:30	3:45	1	0	0	0	0	1	1	15:30	15:45	29	0	0	0	0	29	29
3:45	4:00	2	0	0	1	0	4	3	15:45	16:00	18	0	1	0	0	21	19
4:00	4:15	3	0	0	1	0	5	4	16:00	16:15	14	0	0	1	0	16	15
4:15	4:30	4	0	0	1	0	6	5	16:15	16:30	17	0	1	0	0	20	18
4:30	4:45	3	0	0	1	0	5	4	16:30	16:45	32	0	0	0	0	32	32
4:45	5:00	4	0	0	1	0	6	5	16:45	17:00	26	0	1	0	0	29	27
5:00	5:15	4	0	0	0	0	4	4	17:00	17:15	28	0	1	0	0	31	29
5:15	5:30	1	0	0	0	0	1	1	17:15	17:30	18	0	0	0	0	18	18
5:30	5:45	3	0	0	1	0	5	4	17:30	17:45	12	0	1	0	0	15	13
5:45	6:00	5	0	0	1	0	7	6	17:45	18:00	15	0	0	3	0	21	18
6:00	6:15	10	0	0	0	0	10	10	18:00	18:15	30	0	0	1	0	32	31
6:15	6:30	10	0	0	0	0	10	10	18:15	18:30	23	0	0	0	0	23	23
6:30	6:45	11	0	0	1	0	13	12	18:30	18:45	21	0	2	0	0	26	23
6:45	7:00	17	0	1	1	0	22	19	18:45	19:00	28	0	0	1	0	30	29
7:00	7:15	18	0	0	2	0	22	20	19:00	19:15	28	0	0	1	0	30	29
7:15	7:30	9	0	1	0	0	12	10	19:15	19:30	32	0	1	0	0	35	33
7:30	7:45	14	0	1	0	0	17	15	19:30	19:45	24	0	1	0	0	27	25
7:45	8:00	15	0	0	1	0	17	16	19:45	20:00	20	0	0	0	0	20	20
8:00	8:15	14	0	0	1	0	16	15	20:00	20:15	23	0	0	0	0	23	23
8:15	8:30	21	0	2	0	0	26	23	20:15	20:30	21	0	1	0	0	24	22
8:30	8:45	15	0	2	1	0	22	18	20:30	20:45	15	0	0	0	0	15	15
8:45	9:00	13	0	2	1	0	20	16	20:45	21:00	20	0	0	0	0	20	20
9:00	9:15	16	0	3	0	0	24	19	21:00	21:15	15	0	0	0	0	15	15
9:15	9:30	23	0	1	0	0	26	24	21:15	21:30	13	0	0	0	0	13	13
9:30	9:45	13	0	2	0	0	18	15	21:30	21:45	34	0	0	0	0	34	34
9:45	10:00	15	0	2	0	0	20	17	21:45	22:00	18	0	0	0	0	18	18
10:00	10:15	17	0	0	0	0	17	17	22:00	22:15	20	0	0	0	0	20	20
10:15	10:30	20	0	0	0	0	20	20	22:15	22:30	10	0	0	0	0	10	10
10:30	10:45	14	0	0	0	0	14	14	22:30	22:45	14	0	0	0	0	14	14
10:45	11:00	25	0	1	1	0	30	27	22:45	23:00	15	0	0	0	0	15	15
11:00	11:15	18	0	2	0	0	23	20	23:00	23:15	9	0	0	0	0	9	9
11:15	11:30	23	0	3	0	0	31	26	23:15	23:30	10	0	0	0	0	10	10
11:30	11:45	23	0	0	1	0	25	24	23:30	23:45	11	0	0	0	0	11	11
11:45	12:00	23	0	3	0	0	31	26	23:45	0:00	9	0	0	0	0	9	9

Movimento Contado

4 > 5 Av. Francisco Marengo conv à dir. R. Orlando Fava



Fluxo veicular a cada hora

Período Manhã								
Período de até		Car	-	Truck	Bus	-	PCU	VEC
0:00	1:00	1	0	0	0	0	1	1
1:00	2:00	2	0	0	1	0	4	3
2:00	3:00	2	0	0	0	0	2	2
3:00	4:00	3	0	0	0	0	3	3
4:00	5:00	1	0	0	0	0	1	1
5:00	6:00	7	0	0	1	0	9	8
6:00	7:00	8	0	2	0	0	13	10
7:00	8:00	11	0	1	1	0	16	13
8:00	9:00	20	0	0	0	0	20	20
9:00	10:00	30	0	4	0	0	40	34
10:00	11:00	31	0	4	0	0	41	35
11:00	12:00	38	0	6	0	0	53	44

Período Tarde								
Período de até		Car	-	Truck	Bus	-	PCU	VEC
12:00	13:00	30	0	0	1	0	32	31
13:00	14:00	40	0	0	0	0	40	40
14:00	15:00	40	0	0	0	0	40	40
15:00	16:00	23	0	3	0	0	31	26
16:00	17:00	34	0	3	1	0	44	38
17:00	18:00	26	0	2	0	0	31	28
18:00	19:00	23	0	0	0	0	23	23
19:00	20:00	21	0	0	1	0	23	22
20:00	21:00	18	0	1	0	0	21	19
21:00	22:00	23	0	1	0	0	26	24
22:00	23:00	12	0	0	0	0	12	12
23:00	0:00	8	0	0	0	0	8	8

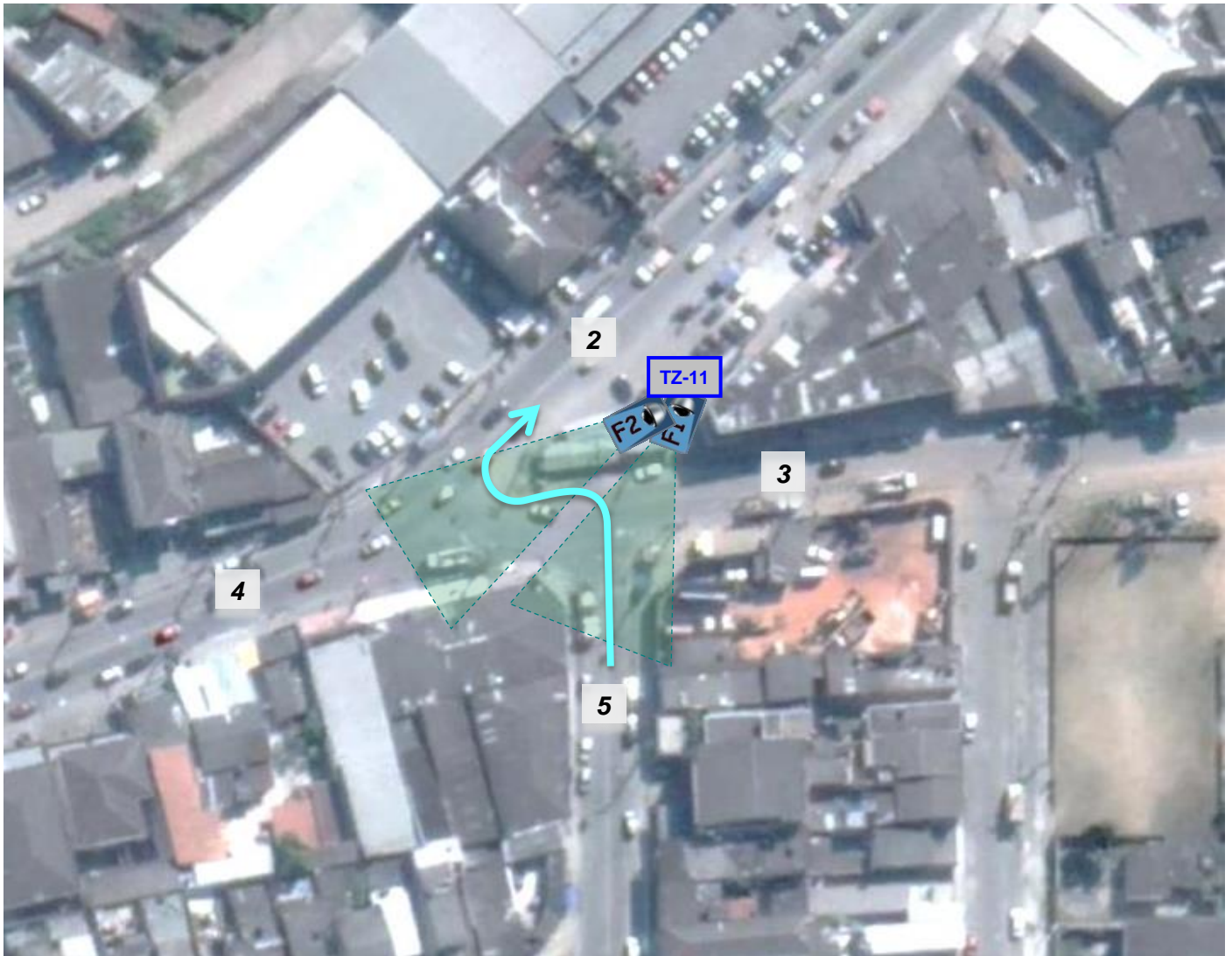
Movimento Contado
4 > 5 Av. Francisco Marengo conv à dir. R. Orlando Fava

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

Movimento Contado

5 > 2 R. Orlando Fava 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	3	0	0	10	5
1:00	2:00	6	0	0	1	0	8	7
2:00	3:00	2	0	0	0	0	2	2
3:00	4:00	3	0	0	0	0	3	3
4:00	5:00	4	0	2	0	0	9	6
5:00	6:00	30	0	1	7	0	47	38
6:00	7:00	39	0	1	5	0	52	45
7:00	8:00	66	0	2	4	0	79	72
8:00	9:00	56	0	1	6	0	71	63
9:00	10:00	40	0	3	6	0	60	49
10:00	11:00	53	0	2	2	0	62	57
11:00	12:00	48	0	4	3	0	64	55

Período Tarde								
Período de	até	Car	-	Truck	Bus	-	PCU	VEC
12:00	13:00	59	0	3	6	0	79	68
13:00	14:00	56	0	2	6	0	73	64
14:00	15:00	63	0	2	4	0	76	69
15:00	16:00	48	0	4	5	0	68	57
16:00	17:00	69	0	3	5	0	87	77
17:00	18:00	138	0	2	5	0	153	145
18:00	19:00	162	0	0	6	0	174	168
19:00	20:00	80	0	2	5	0	95	87
20:00	21:00	46	0	1	4	0	57	51
21:00	22:00	36	0	0	5	0	46	41
22:00	23:00	27	0	0	4	0	35	31
23:00	0:00	17	0	0	4	0	25	21

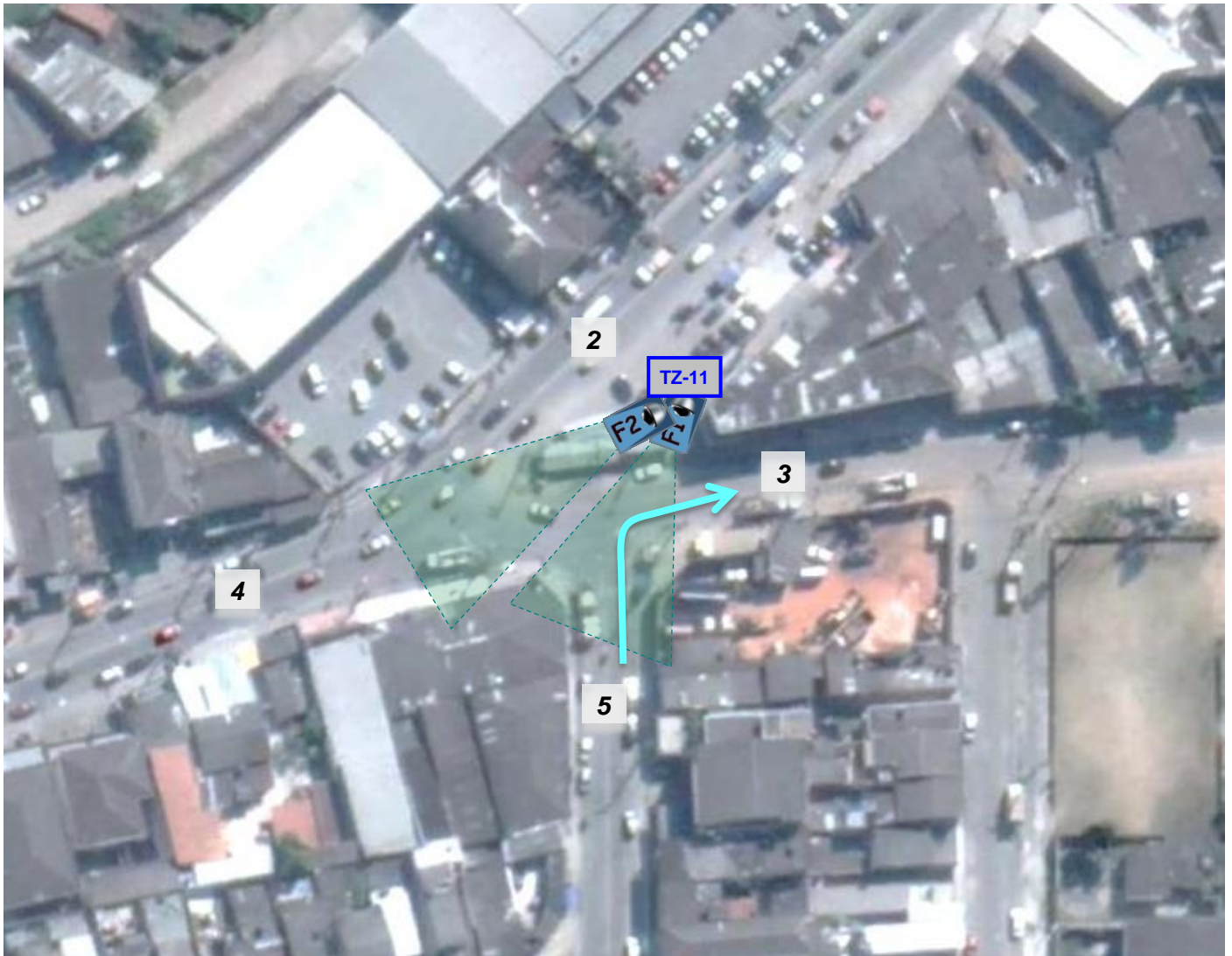
Movimento Contado
5 > 2 R. Orlando Fava conv à dir. Av. Francisco Marengo

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	2	0	1	0	0	5		3		12:00	12:15	17	0	2	2	0	26	21
0:15	0:30	0	0	0	0	0	0	10	0		12:15	12:30	13	0	0	1	0	15	14
0:30	0:45	0	0	1	0	0	3		1	79	12:30	12:45	12	0	0	1	0	14	13
0:45	1:00	0	0	1	0	0	3		1		12:45	13:00	17	0	1	2	0	24	20
1:00	1:15	4	0	0	0	0	4	8	4		13:00	13:15	17	0	1	1	0	22	19
1:15	1:30	1	0	0	1	0	3		2	73	13:15	13:30	20	0	0	3	0	26	23
1:30	1:45	0	0	0	0	0	0		0		13:30	13:45	10	0	0	1	0	12	11
1:45	2:00	1	0	0	0	0	1		1		13:45	14:00	9	0	1	1	0	14	11
2:00	2:15	0	0	0	0	0	0	2	0		14:00	14:15	17	0	1	1	0	22	19
2:15	2:30	1	0	0	0	0	1		1	76	14:15	14:30	14	0	0	1	0	16	15
2:30	2:45	1	0	0	0	0	1		1		14:30	14:45	16	0	0	1	0	18	17
2:45	3:00	0	0	0	0	0	0		0		14:45	15:00	16	0	1	1	0	21	18
3:00	3:15	0	0	0	0	0	0	3	0		15:00	15:15	13	0	1	2	0	20	16
3:15	3:30	1	0	0	0	0	1		1	68	15:15	15:30	18	0	1	1	0	23	20
3:30	3:45	1	0	0	0	0	1		1		15:30	15:45	7	0	0	1	0	9	8
3:45	4:00	1	0	0	0	0	1		1		15:45	16:00	10	0	2	1	0	17	13
4:00	4:15	0	0	0	0	0	0	9	0		16:00	16:15	24	0	1	0	0	27	25
4:15	4:30	0	0	0	0	0	0		0	87	16:15	16:30	20	0	1	3	0	29	24
4:30	4:45	3	0	0	0	0	3		3		16:30	16:45	15	0	0	2	0	19	17
4:45	5:00	1	0	2	0	0	6		3		16:45	17:00	10	0	1	0	0	13	11
5:00	5:15	7	0	1	3	0	16	47	11		17:00	17:15	21	0	0	2	0	25	23
5:15	5:30	8	0	0	2	0	12		10	153	17:15	17:30	22	0	1	1	0	27	24
5:30	5:45	5	0	0	1	0	7		6		17:30	17:45	39	0	0	1	0	41	40
5:45	6:00	10	0	0	1	0	12		11		17:45	18:00	56	0	1	1	0	61	58
6:00	6:15	8	0	1	1	0	13	52	10		18:00	18:15	46	0	0	2	0	50	48
6:15	6:30	7	0	0	2	0	11		9	174	18:15	18:30	44	0	0	2	0	48	46
6:30	6:45	14	0	0	1	0	16		15		18:30	18:45	50	0	0	1	0	52	51
6:45	7:00	10	0	0	1	0	12		11		18:45	19:00	22	0	0	1	0	24	23
7:00	7:15	20	0	0	2	0	24	79	22		19:00	19:15	32	0	1	1	0	37	34
7:15	7:30	19	0	0	0	0	19		19	95	19:15	19:30	18	0	0	2	0	22	20
7:30	7:45	16	0	0	2	0	20		18		19:30	19:45	11	0	1	1	0	16	13
7:45	8:00	11	0	2	0	0	16		13		19:45	20:00	19	0	0	1	0	21	20
8:00	8:15	17	0	0	2	0	21	71	19		20:00	20:15	12	0	0	1	0	14	13
8:15	8:30	22	0	0	1	0	24		23	57	20:15	20:30	13	0	0	2	0	17	15
8:30	8:45	8	0	0	2	0	12		10		20:30	20:45	11	0	1	0	0	14	12
8:45	9:00	9	0	1	1	0	14		11		20:45	21:00	10	0	0	1	0	12	11
9:00	9:15	4	0	1	1	0	9	60	6		21:00	21:15	8	0	0	1	0	10	9
9:15	9:30	10	0	0	1	0	12		11	46	21:15	21:30	10	0	0	2	0	14	12
9:30	9:45	15	0	0	2	0	19		17		21:30	21:45	11	0	0	1	0	13	12
9:45	10:00	11	0	2	2	0	20		15		21:45	22:00	7	0	0	1	0	9	8
10:00	10:15	20	0	1	1	0	25	62	22		22:00	22:15	7	0	0	1	0	9	8
10:15	10:30	10	0	1	0	0	13		11	35	22:15	22:30	8	0	0	1	0	10	9
10:30	10:45	12	0	0	1	0	14		13		22:30	22:45	5	0	0	1	0	7	6
10:45	11:00	11	0	0	0	0	11		11		22:45	23:00	7	0	0	1	0	9	8
11:00	11:15	12	0	2	1	0	19	64	15		23:00	23:15	8	0	0	0	0	8	8
11:15	11:30	14	0	1	1	0	19		16	25	23:15	23:30	2	0	0	1	0	4	3
11:30	11:45	9	0	0	0	0	9		9		23:30	23:45	5	0	0	2	0	9	7
11:45	12:00	13	0	1	1	0	18		15		23:45	0:00	2	0	0	1	0	4	3

Movimento Contado

5 > 3 R. Orlando Fava conv à dir. R. Washington Luis



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	1	0	0	0	0	1	1
3:00	4:00	0	0	0	0	0	0	0
4:00	5:00	0	0	0	0	0	0	0
5:00	6:00	1	0	0	0	0	1	1
6:00	7:00	25	0	0	0	0	25	25
7:00	8:00	17	0	0	0	0	17	17
8:00	9:00	15	0	0	0	0	15	15
9:00	10:00	19	0	0	0	0	19	19
10:00	11:00	22	0	0	0	0	22	22
11:00	12:00	30	0	0	0	0	30	30

Período Tarde								
Período de até		Car	-	Truck	Bus	-	PCU	VEC
12:00	13:00	46	0	2	0	0	51	48
13:00	14:00	23	0	0	0	0	23	23
14:00	15:00	17	0	0	0	0	17	17
15:00	16:00	22	0	0	0	0	22	22
16:00	17:00	35	0	0	0	0	35	35
17:00	18:00	58	0	0	2	0	62	60
18:00	19:00	78	0	0	1	0	80	79
19:00	20:00	27	0	0	0	0	27	27
20:00	21:00	13	0	0	0	0	13	13
21:00	22:00	16	0	0	0	0	16	16
22:00	23:00	32	0	0	0	0	32	32
23:00	0:00	5	0	0	0	0	5	5

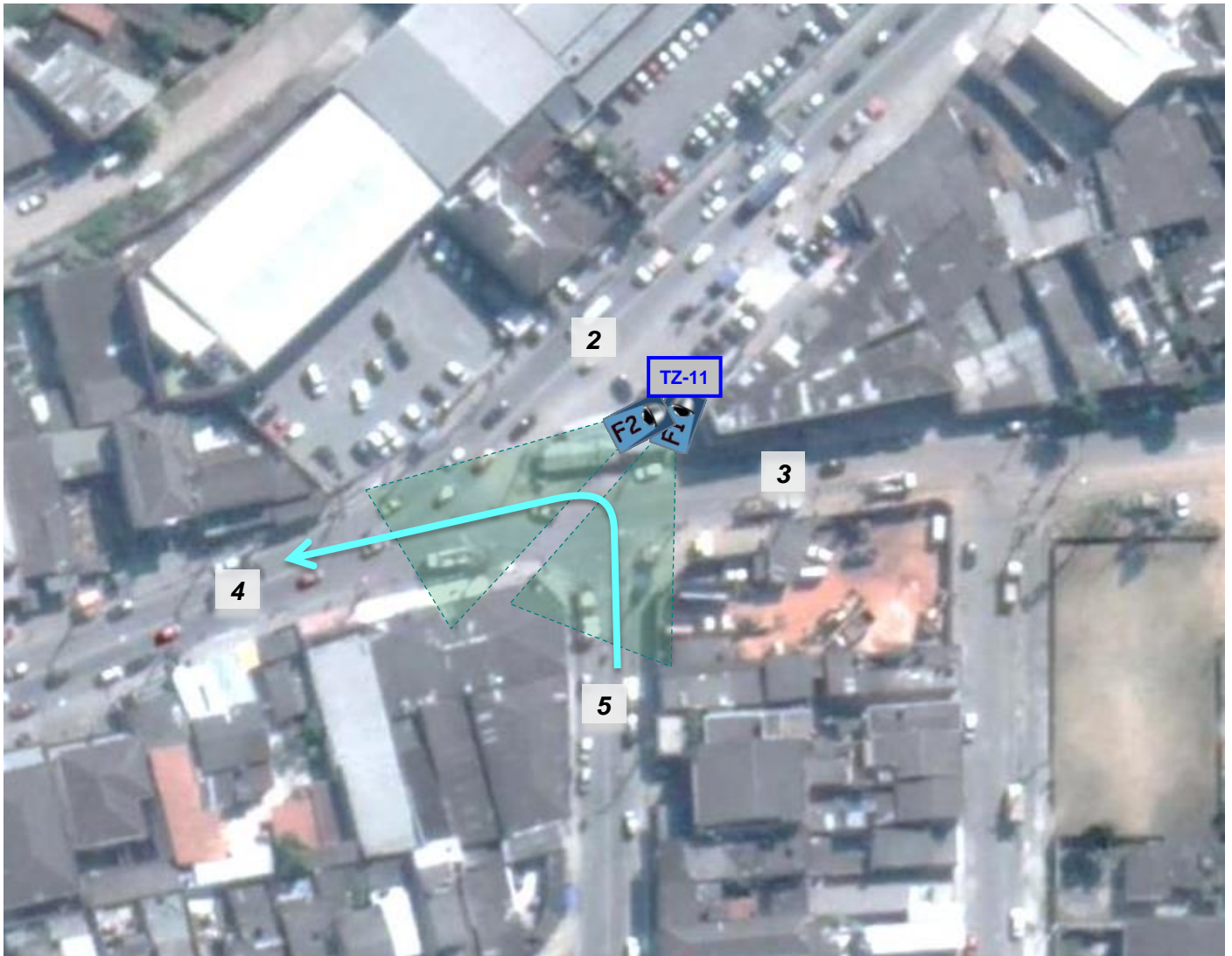
Movimento Contado
5 > 3 R. Orlando Fava conv à dir. R. Washington Luis

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	6	0	1	0	0	9	7
0:15	0:30	1	0	0	0	0	1		1		12:15	12:30	13	0	0	0	0	13	13
0:30	0:45	0	0	0	0	0	0	2	0		12:30	12:45	12	0	1	0	0	15	13
0:45	1:00	0	0	0	0	0	0		0		12:45	13:00	15	0	0	0	0	15	15
1:00	1:15	1	0	0	0	0	1		1		13:00	13:15	7	0	0	0	0	7	7
1:15	1:30	0	0	0	0	0	0	1	0		13:15	13:30	7	0	0	0	0	7	7
1:30	1:45	0	0	0	0	0	0		0		13:30	13:45	5	0	0	0	0	5	5
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	1	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	5	0	0	0	0	5	5
2:30	2:45	0	0	0	0	0	0		0		14:30	14:45	4	0	0	0	0	4	4
2:45	3:00	1	0	0	0	0	1		1		14:45	15:00	4	0	0	0	0	4	4
3:00	3:15	0	0	0	0	0	0	0	0		15:00	15:15	7	0	0	0	0	7	7
3:15	3:30	0	0	0	0	0	0		0		15:15	15:30	3	0	0	0	0	3	3
3:30	3:45	0	0	0	0	0	0	0	0		15:30	15:45	7	0	0	0	0	7	7
3:45	4:00	0	0	0	0	0	0		0		15:45	16:00	5	0	0	0	0	5	5
4:00	4:15	0	0	0	0	0	0	0	0		16:00	16:15	9	0	0	0	0	9	9
4:15	4:30	0	0	0	0	0	0		0		16:15	16:30	9	0	0	0	0	9	9
4:30	4:45	0	0	0	0	0	0	0	0		16:30	16:45	12	0	0	0	0	12	12
4:45	5:00	0	0	0	0	0	0		0		16:45	17:00	5	0	0	0	0	5	5
5:00	5:15	0	0	0	0	0	0	1	0		17:00	17:15	9	0	0	1	0	11	10
5:15	5:30	1	0	0	0	0	1		1		17:15	17:30	12	0	0	0	0	12	12
5:30	5:45	0	0	0	0	0	0		0		17:30	17:45	20	0	0	1	0	22	21
5:45	6:00	0	0	0	0	0	0		0		17:45	18:00	17	0	0	0	0	17	17
6:00	6:15	1	0	0	0	0	1		1		18:00	18:15	19	0	0	0	0	19	19
6:15	6:30	3	0	0	0	0	3	25	3		18:15	18:30	26	0	0	0	0	26	26
6:30	6:45	8	0	0	0	0	8		8		18:30	18:45	19	0	0	1	0	21	20
6:45	7:00	13	0	0	0	0	13		13		18:45	19:00	14	0	0	0	0	14	14
7:00	7:15	4	0	0	0	0	4	17	4		19:00	19:15	4	0	0	0	0	4	4
7:15	7:30	7	0	0	0	0	7		7		19:15	19:30	7	0	0	0	0	7	7
7:30	7:45	3	0	0	0	0	3		3		19:30	19:45	8	0	0	0	0	8	8
7:45	8:00	3	0	0	0	0	3		3		19:45	20:00	8	0	0	0	0	8	8
8:00	8:15	2	0	0	0	0	2	15	2		20:00	20:15	3	0	0	0	0	3	3
8:15	8:30	5	0	0	0	0	5		5		20:15	20:30	4	0	0	0	0	4	4
8:30	8:45	4	0	0	0	0	4		4		20:30	20:45	5	0	0	0	0	5	5
8:45	9:00	4	0	0	0	0	4		4		20:45	21:00	1	0	0	0	0	1	1
9:00	9:15	4	0	0	0	0	4	19	4		21:00	21:15	2	0	0	0	0	2	2
9:15	9:30	5	0	0	0	0	5		5		21:15	21:30	6	0	0	0	0	6	6
9:30	9:45	4	0	0	0	0	4		4		21:30	21:45	2	0	0	0	0	2	2
9:45	10:00	6	0	0	0	0	6		6		21:45	22:00	6	0	0	0	0	6	6
10:00	10:15	2	0	0	0	0	2	22	2		22:00	22:15	4	0	0	0	0	4	4
10:15	10:30	10	0	0	0	0	10		10		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	14	0	0	0	0	14	14
10:45	11:00	6	0	0	0	0	6		6		22:45	23:00	12	0	0	0	0	12	12
11:00	11:15	9	0	0	0	0	9	30	9		23:00	23:15	1	0	0	0	0	1	1
11:15	11:30	7	0	0	0	0	7		7		23:15	23:30	1	0	0	0	0	1	1
11:30	11:45	7	0	0	0	0	7		7		23:30	23:45	1	0	0	0	0	1	1
11:45	12:00	7	0	0	0	0	7		7		23:45	0:00	2	0	0	0	0	2	2

Movimento Contado

5 > 4 R. Orlando Fava conv à esq. Av. Francisco Marengo



Fluxo veicular a cada hora

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

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

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