

RELATÓRIO DE PESQUISAS

CONTAGEM VOLUMÉTRICA CLASSIFICADA EM CRUZAMENTOS (15)

504 - Av. Dom Pedro I X R. Espírito Santo

Ref.: RT-4378-01-200-3J21-504_A



Ribeirão Preto - SP

Novembro de 2018

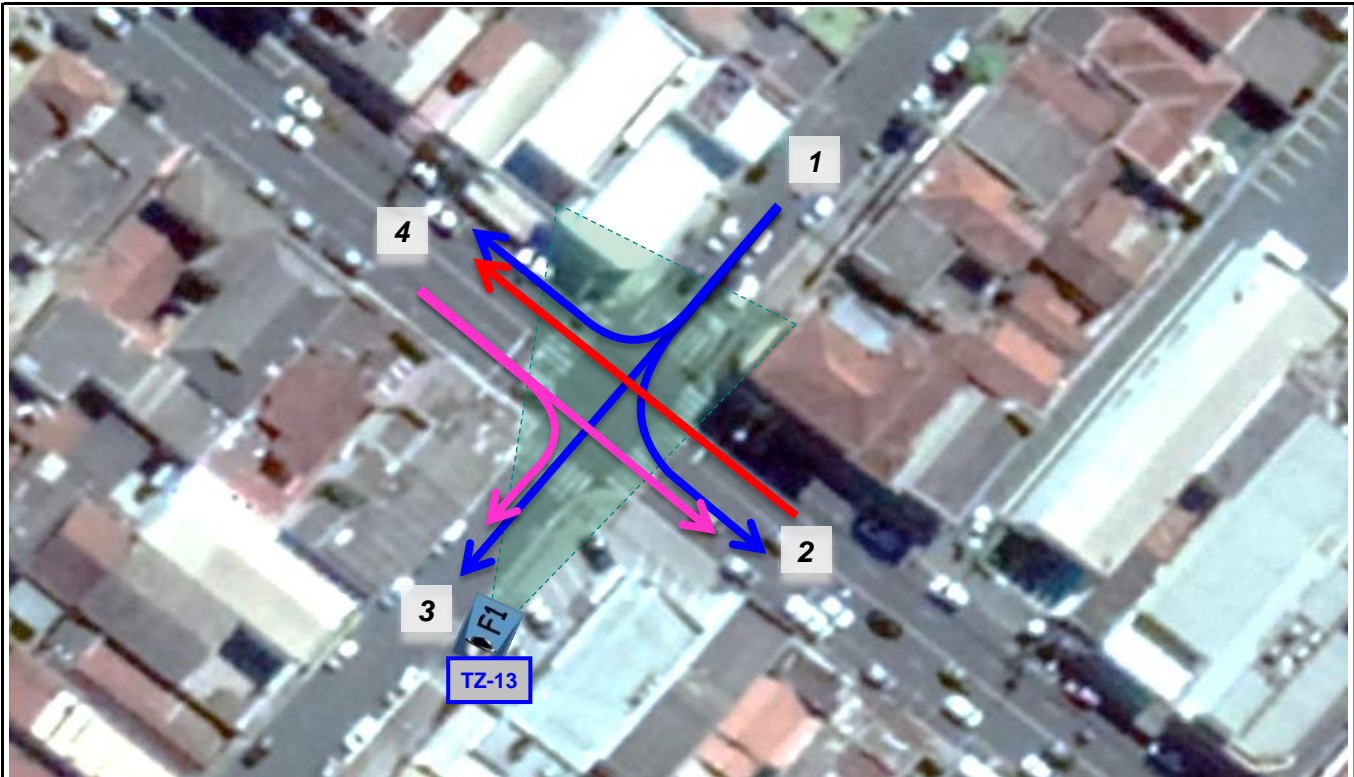
Responsável Técnico:

Fábio de Campos Bittencourt

CREA N°:

ART 28027230181266891

Croquis 504 - Av. Dom Pedro I X R. Espírito Santo



Vídeos



Movimentos Contados

- 1 > 2 R. Espírito Santo conv à esq. Av. Dom Pedro I
- 1 > 3 R. Espírito Santo em frente
- 1 > 4 R. Espírito Santo conv à dir. Av. Dom Pedro I
- 2 > 4 Av. Dom Pedro I em frente
- 4 > 2 Av. Dom Pedro I em frente
- 4 > 3 Av. Dom Pedro I conv à dir. R. Espírito Santo

Perfil Horário 504 - Av. Dom Pedro I X R. Espírito Santo

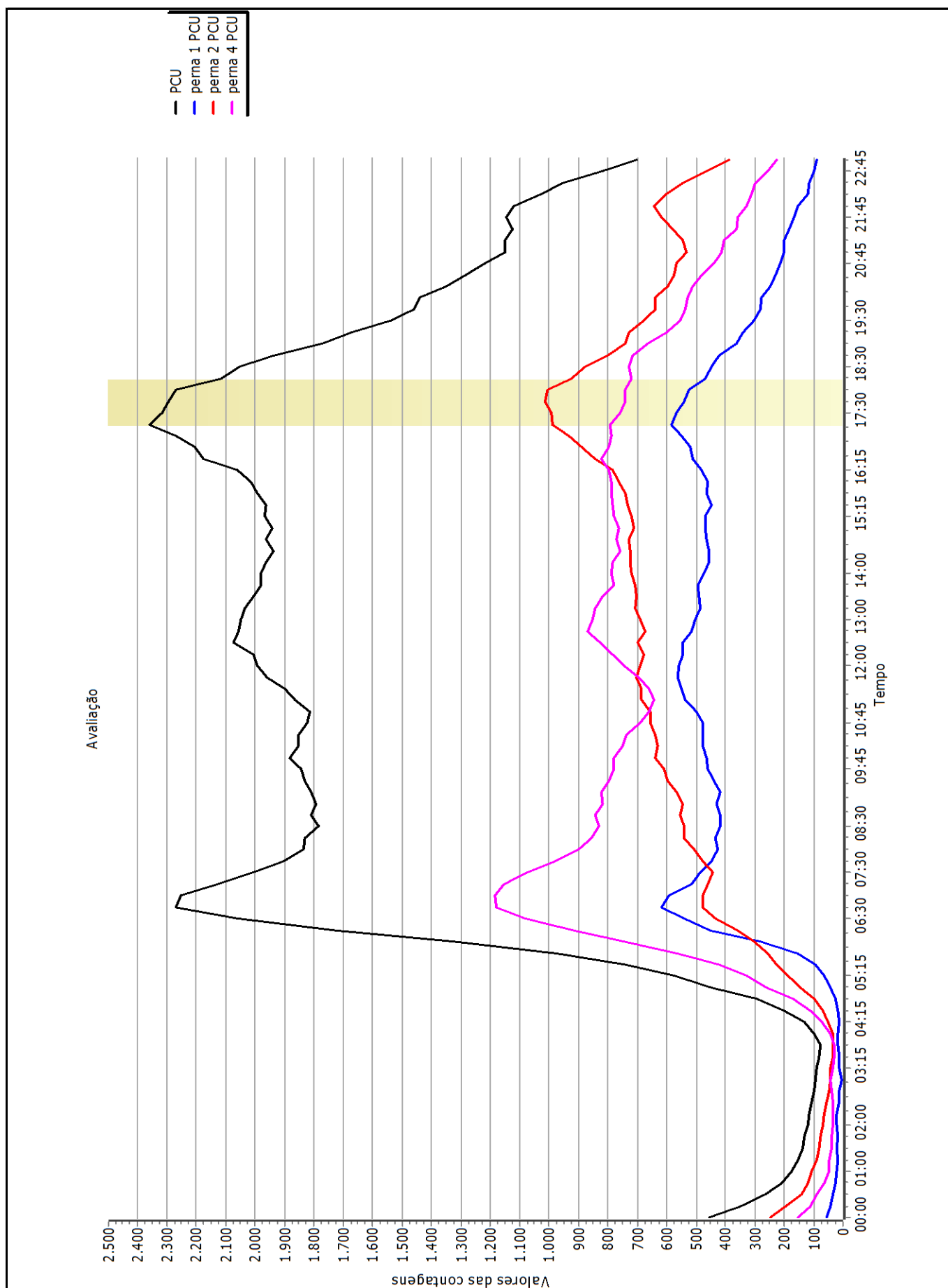
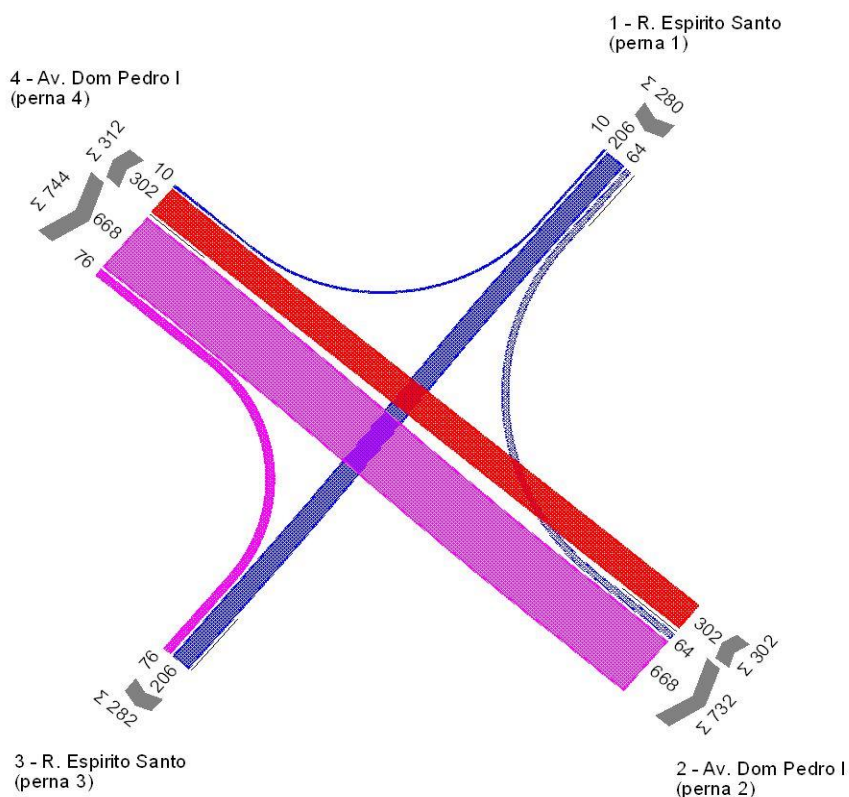
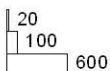


Diagrama de Fluxos

504 - Av. Dom Pedro I X R. Espírito Santo

Contagem De 18/10/2018 as 00h00 até 19/10/2018 as 00h00
Valor horário máximo 06:00 - 07:00
On the basis of a time period 18.10.2018 06:00 - 18.10.2018 07:00
1326 PCU

De \ Para	1	2	3	4
1		64	206	10
2				302
3				
4		668	76	



Contagem De 18/10/2018 as 00h00 até 19/10/2018 as 00h00
Valor horário máximo 07:00 - 08:00
On the basis of a time period 18.10.2018 07:00 - 18.10.2018 08:00
2255 PCU

De \ Para	1	2	3	4
1		153	408	32
2				477
3				
4		1082	103	

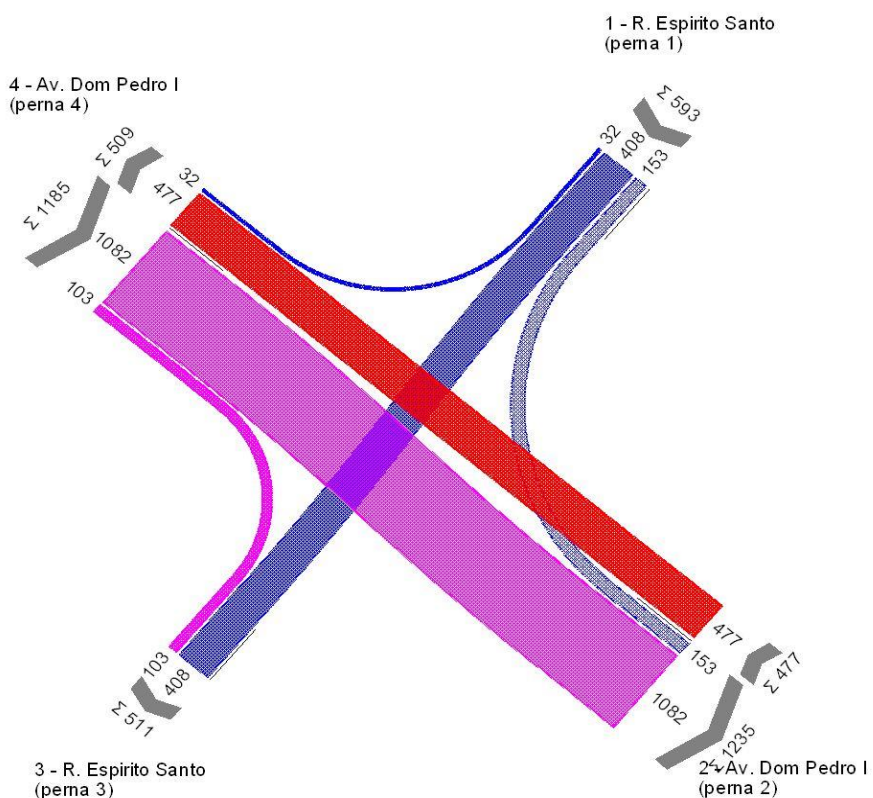
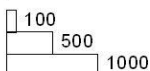
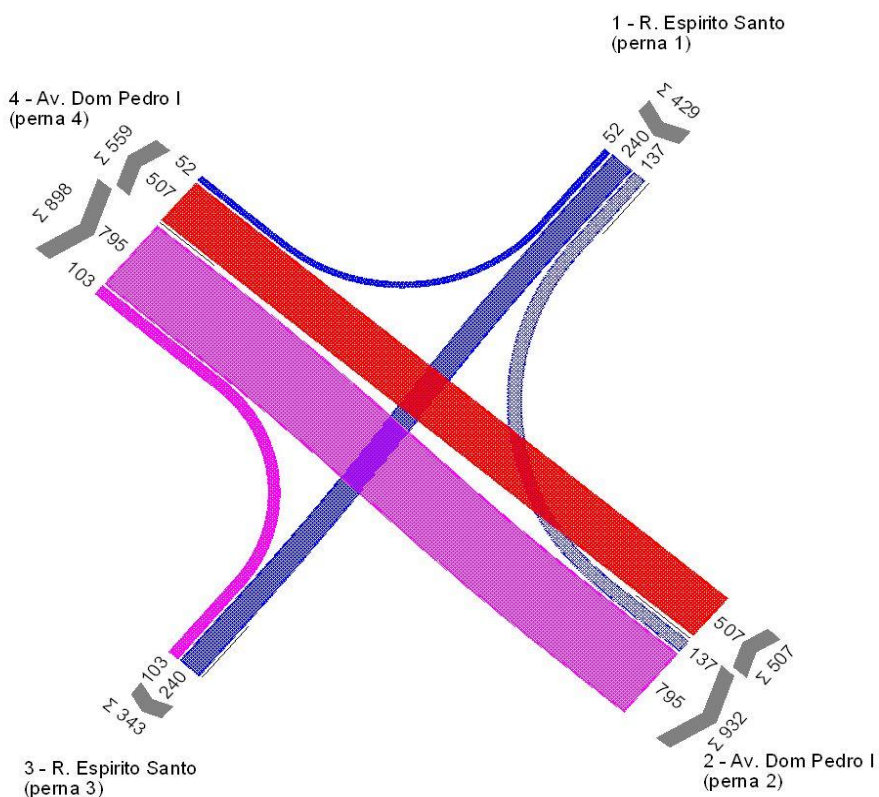
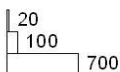


Diagrama de Fluxos 504 - Av. Dom Pedro I X R. Espírito Santo

Contagem De 18/10/2018 as 00h00 até 19/10/2018 as 00h00
Valor horário máximo 08:00 - 09:00
On the basis of a time period 18.10.2018 08:00 - 18.10.2018 09:00
1834 PCU

De \ Para	1	2	3	4
1		137	240	52
2				507
3				
4		795	103	



Contagem De 18/10/2018 as 00h00 até 19/10/2018 as 00h00
Valor horário máximo 09:00 - 10:00
On the basis of a time period 18.10.2018 09:00 - 18.10.2018 10:00
1795 PCU

De \ Para	1	2	3	4
1		136	216	78
2				546
3				
4		712	107	

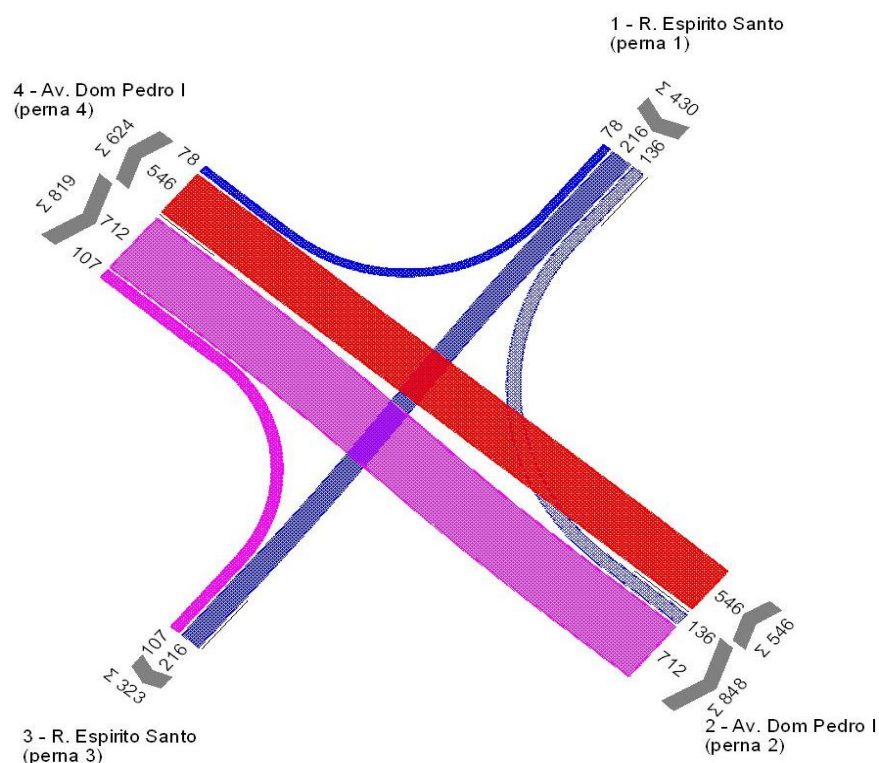
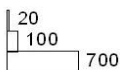
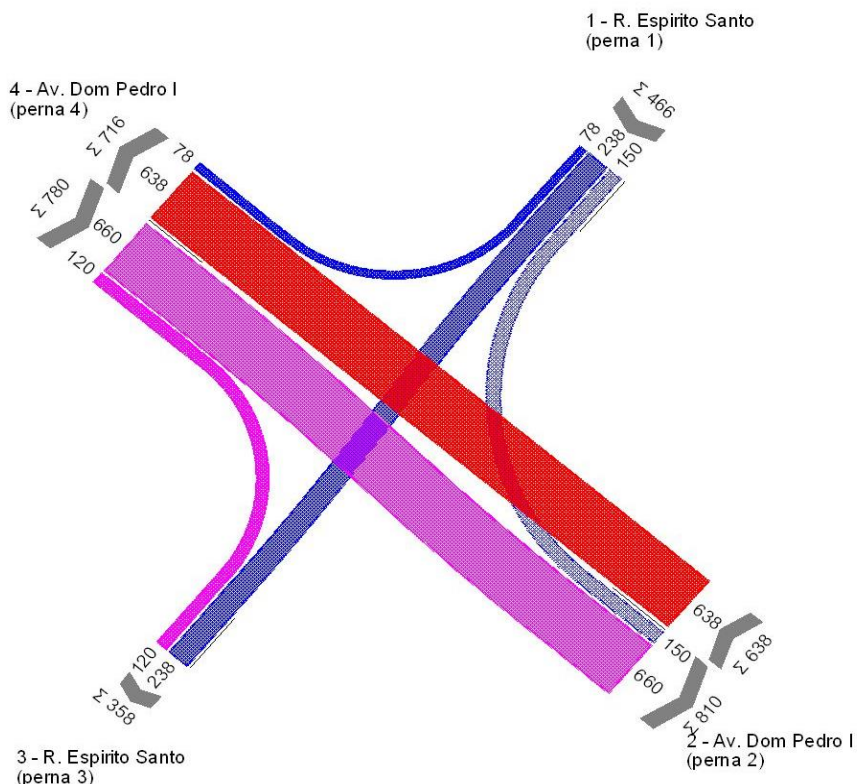
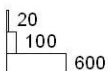


Diagrama de Fluxos 504 - Av. Dom Pedro I X R. Espírito Santo

Contagem De 18/10/2018 as 00h00 até 19/10/2018 as 00h00
 Valor horário máximo 10:00 - 11:00
 On the basis of a time period 18.10.2018 10:00 - 18.10.2018 11:00
 1884 PCU

De \ Para	1	2	3	4
1		150	238	78
2				638
3				
4		660	120	



Contagem De 18/10/2018 as 00h00 até 19/10/2018 as 00h00
 Valor horário máximo 11:00 - 12:00
 On the basis of a time period 18.10.2018 11:00 - 18.10.2018 12:00
 1814 PCU

De \ Para	1	2	3	4
1		124	292	82
2				656
3				
4		538	122	

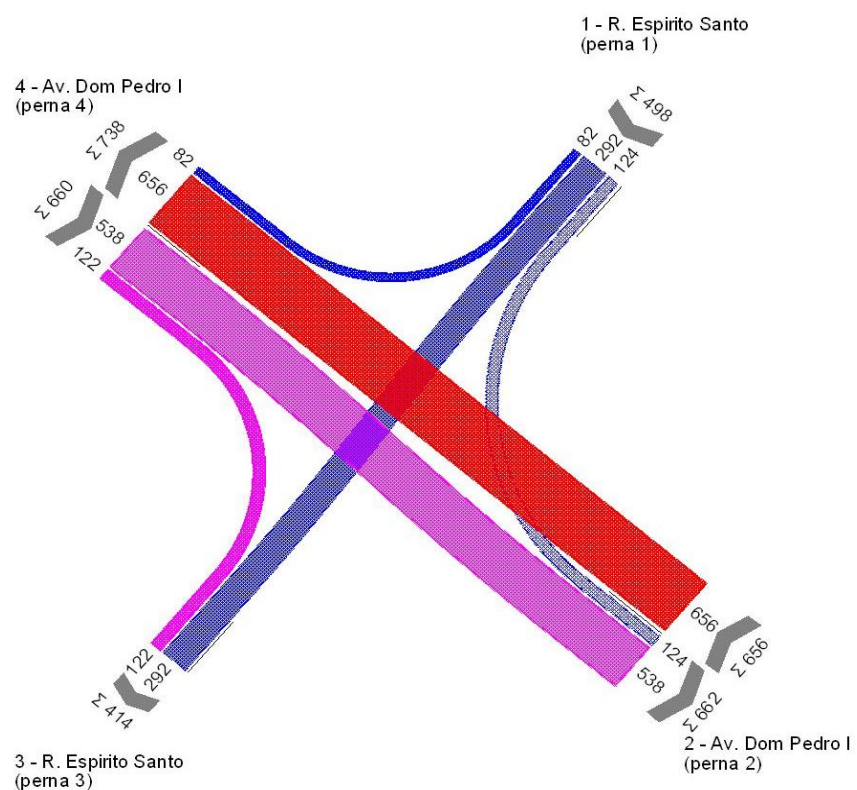
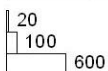
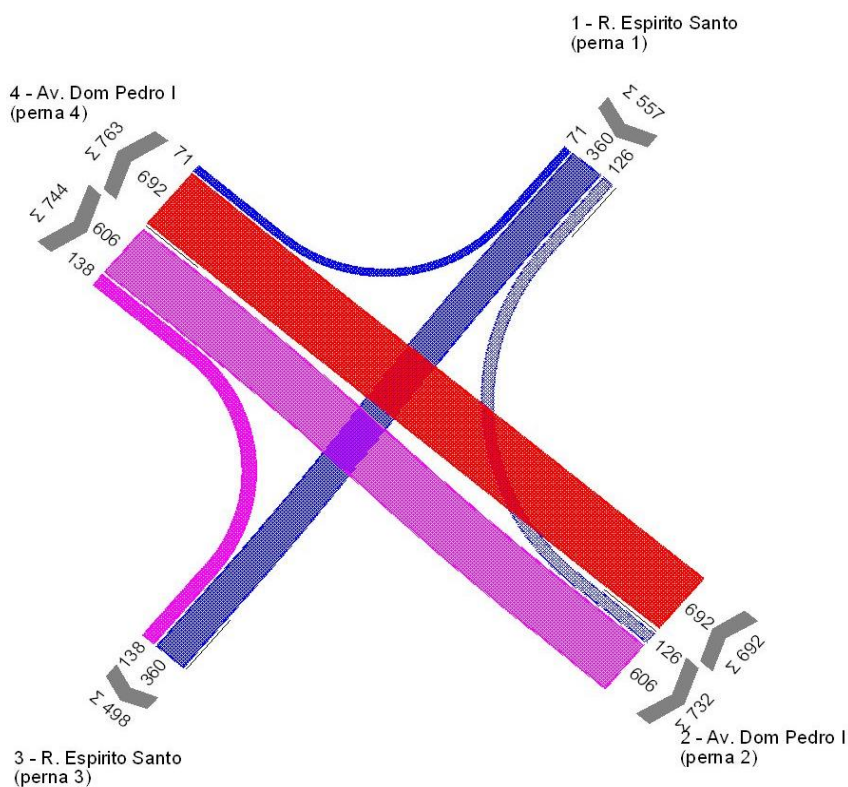
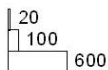


Diagrama de Fluxos 504 - Av. Dom Pedro I X R. Espírito Santo

Contagem De 18/10/2018 as 00h00 até 19/10/2018 as 00h00
 Valor horário máximo 12:00 - 13:00
 On the basis of a time period 18.10.2018 12:00 - 18.10.2018 13:00
 1993 PCU

De \ Para	1	2	3	4
1		126	360	71
2				692
3				
4		606	138	



Contagem De 18/10/2018 as 00h00 até 19/10/2018 as 00h00
 Valor horário máximo 13:00 - 14:00
 On the basis of a time period 18.10.2018 13:00 - 18.10.2018 14:00
 2047 PCU

De \ Para	1	2	3	4
1		136	307	60
2				692
3				
4		712	140	

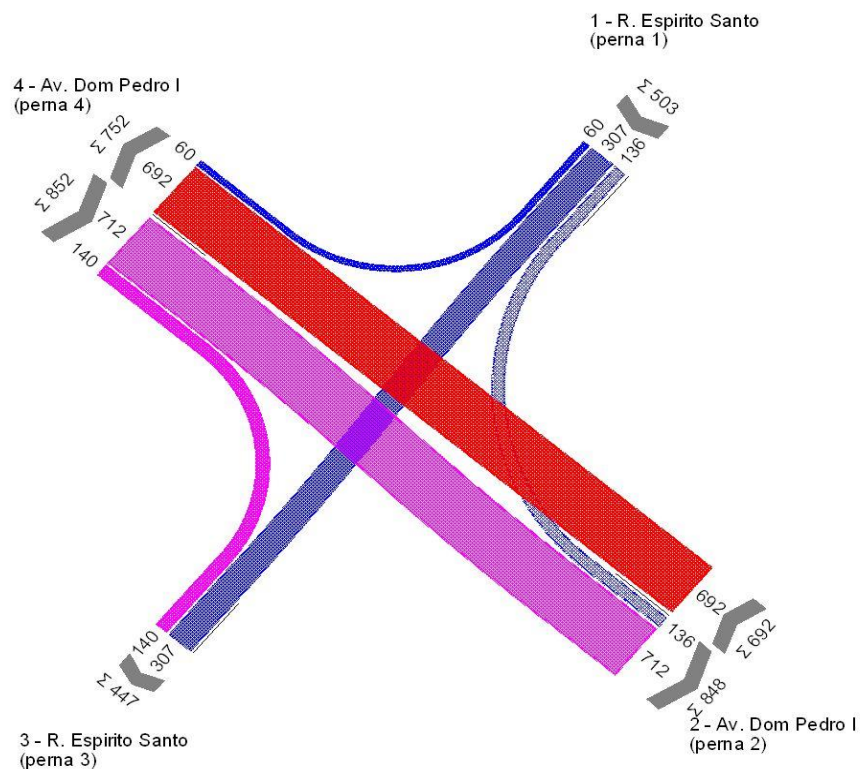
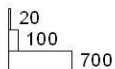
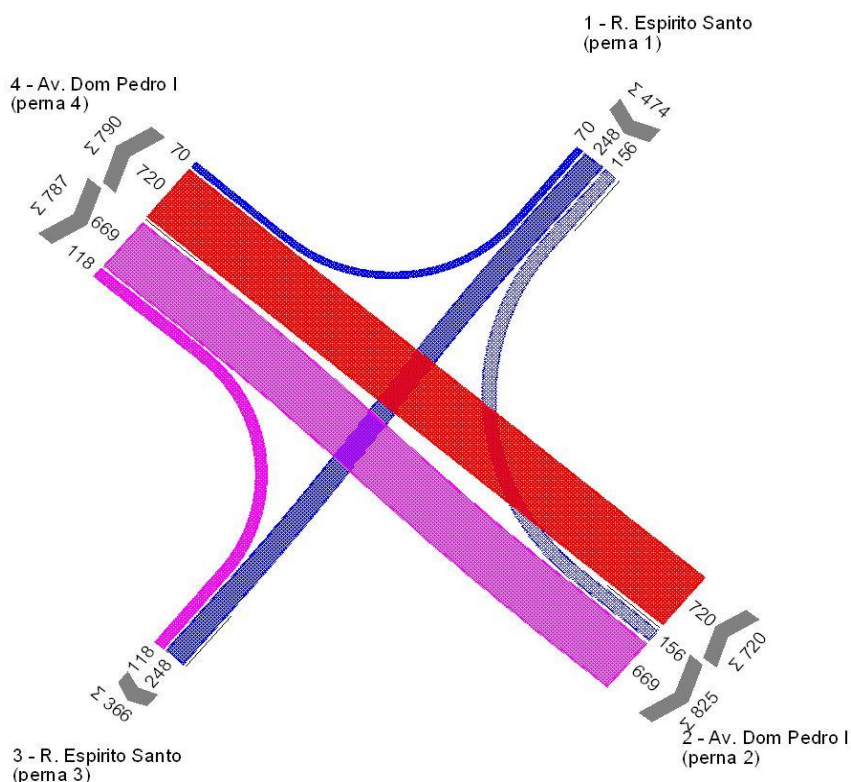
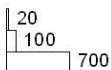


Diagrama de Fluxos 504 - Av. Dom Pedro I X R. Espírito Santo

Contagem De 18/10/2018 as 00h00 até 19/10/2018 as 00h00
 Valor horário máximo 14:00 - 15:00
 On the basis of a time period 18.10.2018 14:00 - 18.10.2018 15:00
 1981 PCU

De \ Para	1	2	3	4
1		156	248	70
2				720
3				
4		669	118	



Contagem De 18/10/2018 as 00h00 até 19/10/2018 as 00h00
 Valor horário máximo 15:00 - 16:00
 On the basis of a time period 18.10.2018 15:00 - 18.10.2018 16:00
 1941 PCU

De \ Para	1	2	3	4
1		149	238	82
2				710
3				
4		628	134	

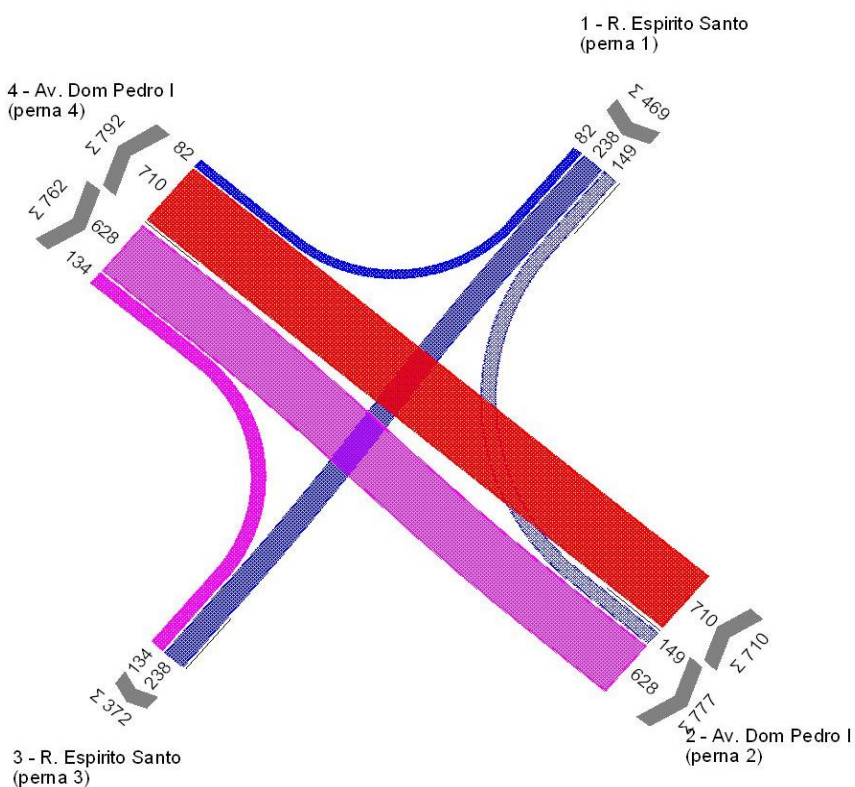
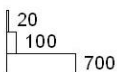
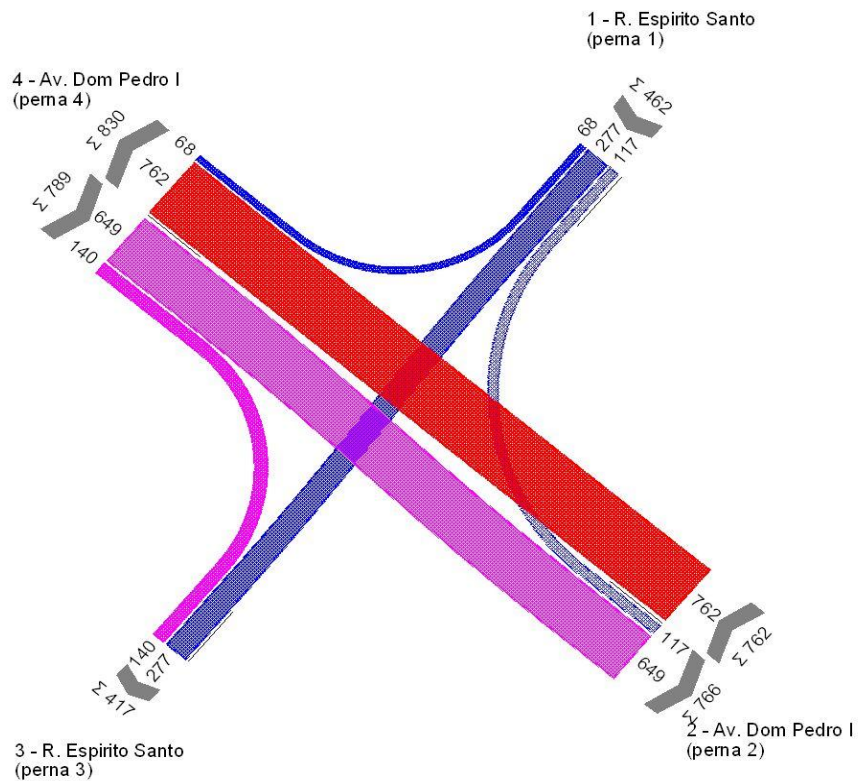
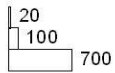


Diagrama de Fluxos 504 - Av. Dom Pedro I X R. Espírito Santo

Contagem De 18/10/2018 as 00h00 até 19/10/2018 as 00h00
 Valor horário máximo 16:00 - 17:00
 On the basis of a time period 18.10.2018 16:00 - 18.10.2018 17:00
 2013 PCU

De \ Para	1	2	3	4
1		117	277	68
2				762
3				
4		649	140	



Contagem De 18/10/2018 as 00h00 até 19/10/2018 as 00h00
 Valor horário máximo 17:00 - 18:00
 On the basis of a time period 18.10.2018 17:00 - 18.10.2018 18:00
 2269 PCU

De \ Para	1	2	3	4
1		126	352	71
2				931
3				
4		649	140	

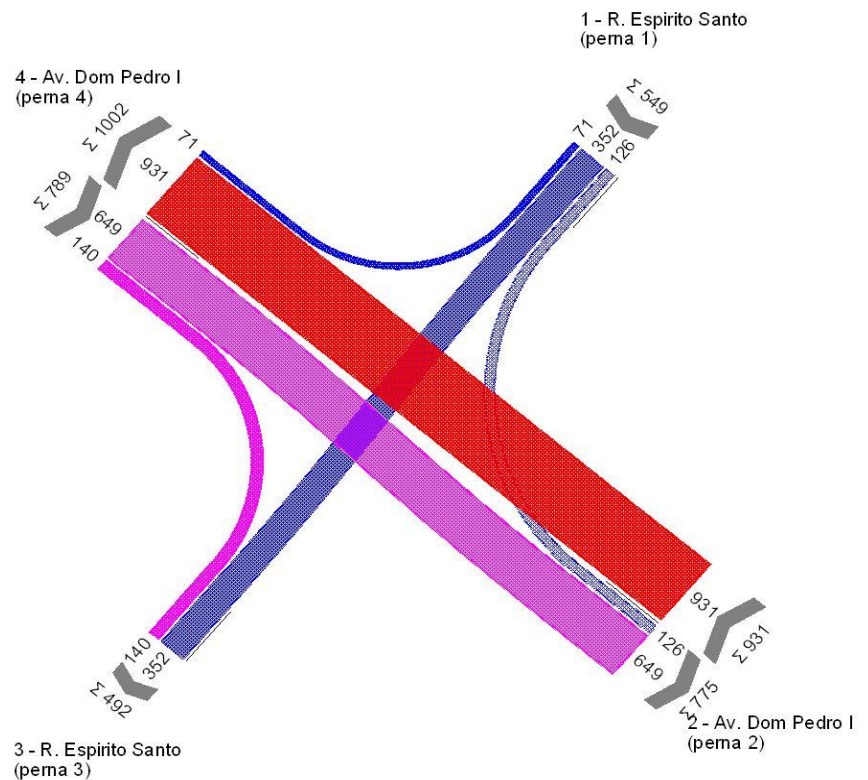
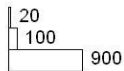
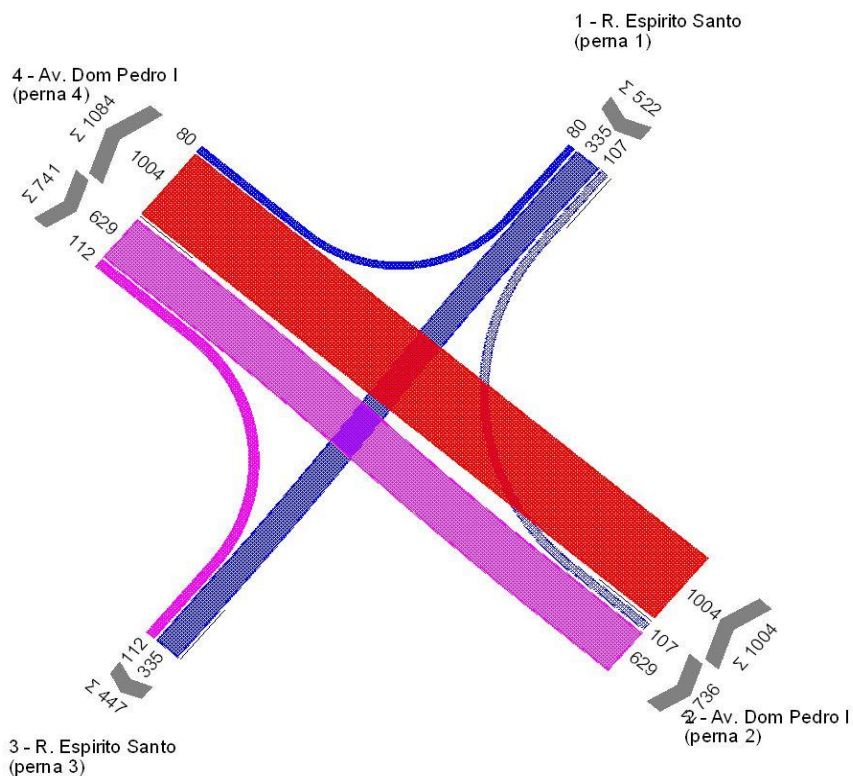
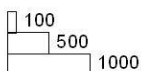


Diagrama de Fluxos 504 - Av. Dom Pedro I X R. Espírito Santo

Contagem De 18/10/2018 as 00h00 até 19/10/2018 as 00h00
 Valor horário máximo 18:00 - 19:00
 On the basis of a time period 18.10.2018 18:00 - 18.10.2018 19:00
 2267 PCU

De \ Para	1	2	3	4
1		107	335	80
2				1004
3				
4		629	112	



Contagem De 18/10/2018 as 00h00 até 19/10/2018 as 00h00
 Valor horário máximo 19:00 - 20:00
 On the basis of a time period 18.10.2018 19:00 - 18.10.2018 20:00
 1771 PCU

De \ Para	1	2	3	4
1		98	223	40
2				743
3				
4		555	112	

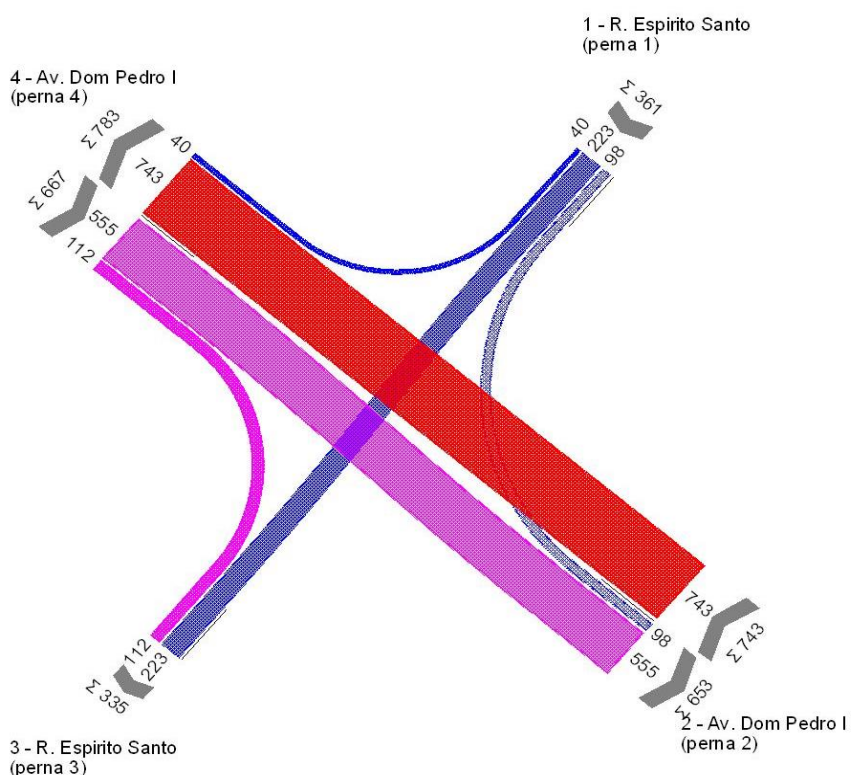
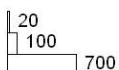
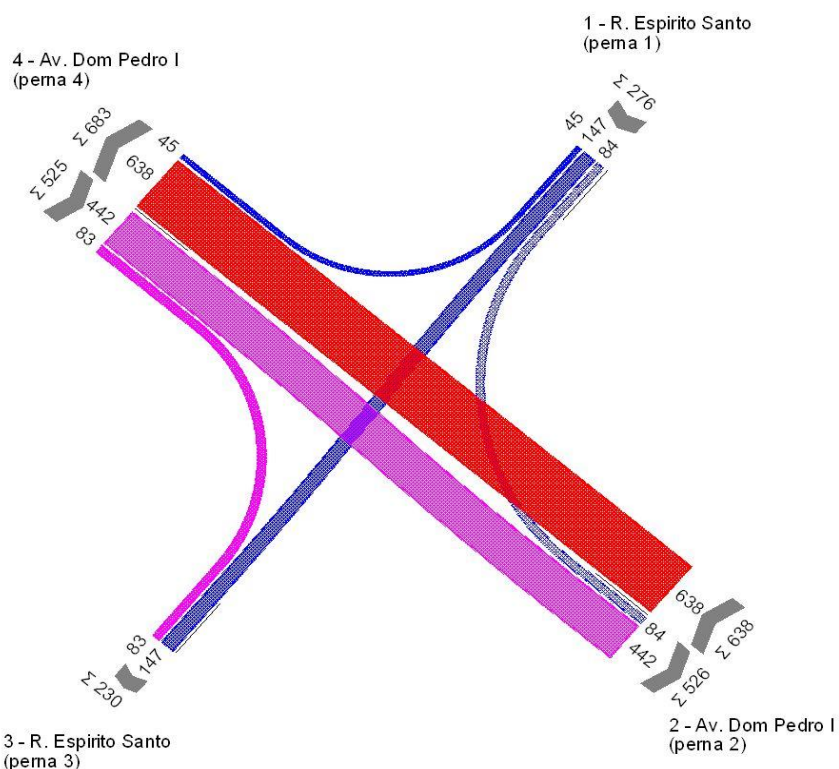
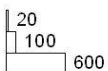


Diagrama de Fluxos 504 - Av. Dom Pedro I X R. Espírito Santo

Contagem De 18/10/2018 as 00h00 até 19/10/2018 as 00h00
 Valor horário máximo 20:00 - 21:00
 On the basis of a time period 18.10.2018 20:00 - 18.10.2018 21:00
 1439 PCU

De \ Para	1	2	3	4
1		84	147	45
2				638
3				
4		442	83	



Contagem De 18/10/2018 as 00h00 até 19/10/2018 as 00h00
 Valor horário máximo 21:00 - 22:00
 On the basis of a time period 18.10.2018 21:00 - 18.10.2018 22:00
 1148 PCU

De \ Para	1	2	3	4
1		55	127	20
2				534
3				
4		356	56	

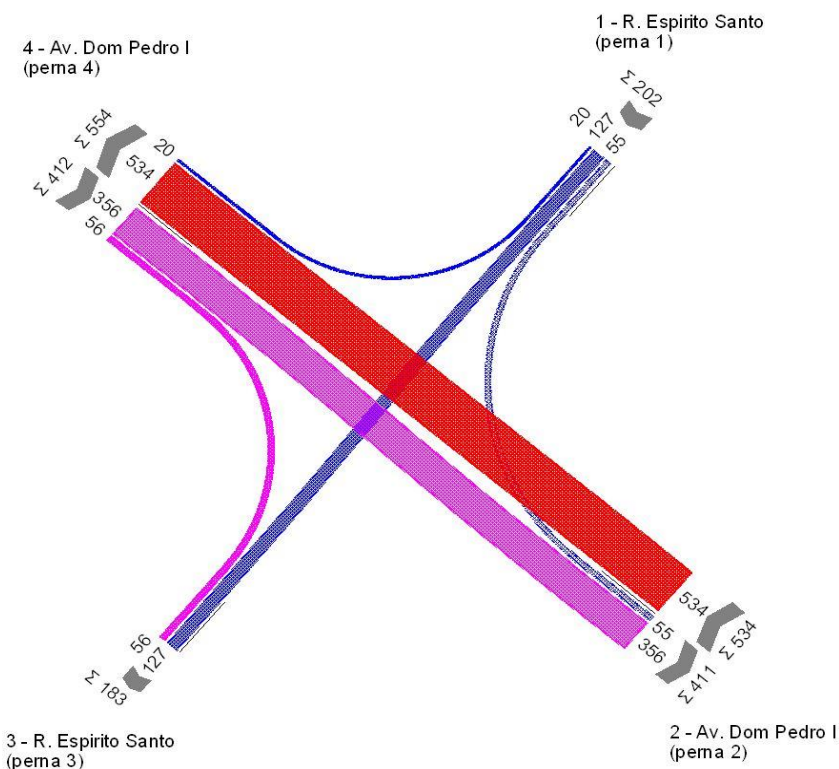
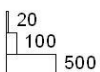
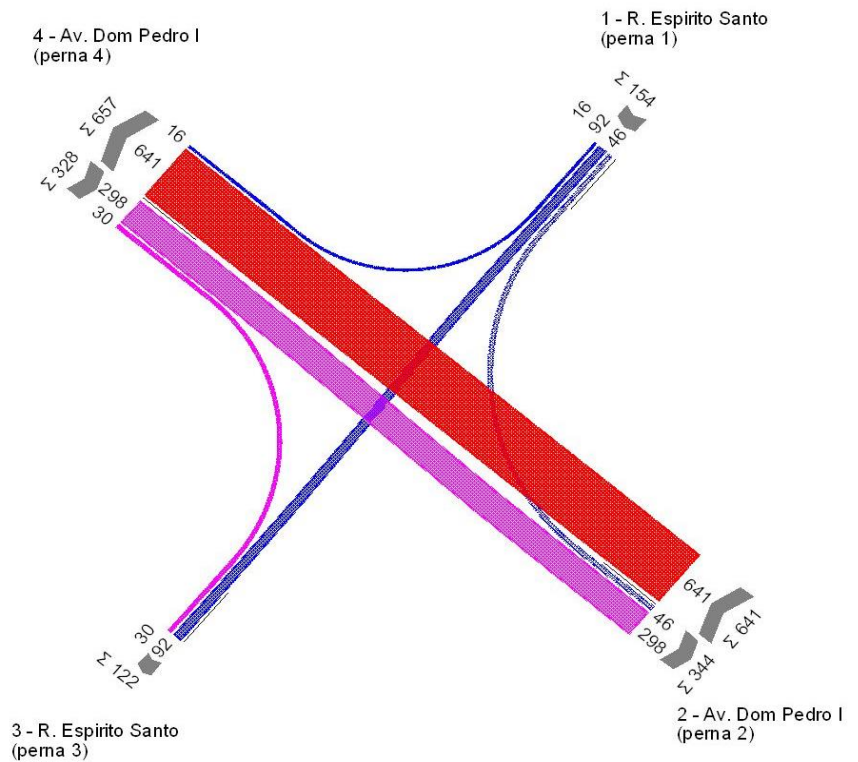
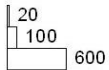


Diagrama de Fluxos 504 - Av. Dom Pedro I X R. Espírito Santo

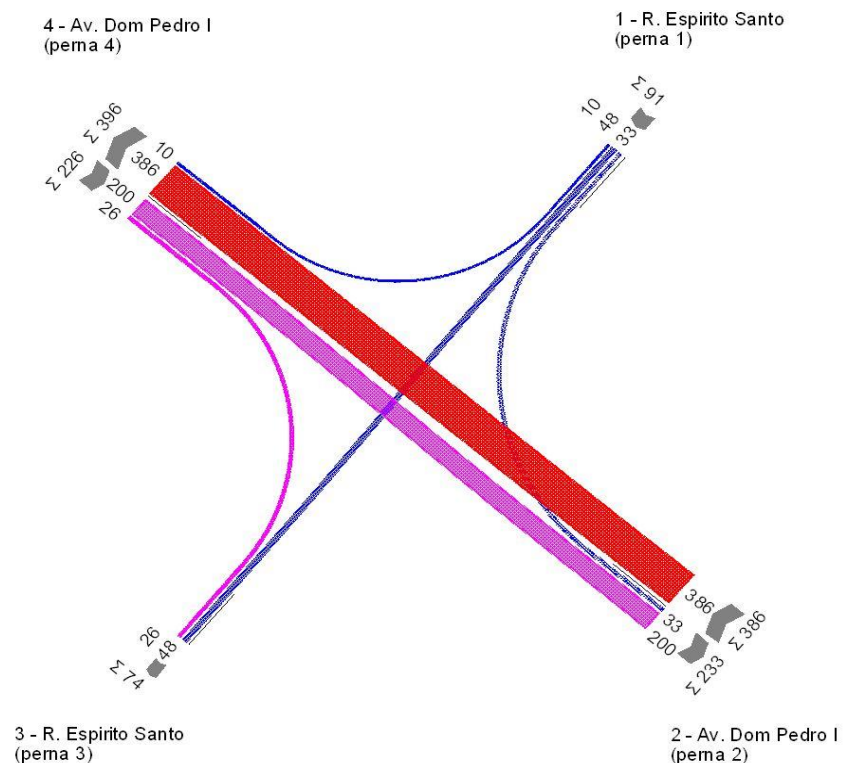
Contagem De 18/10/2018 as 00h00 até 19/10/2018 as 00h00
 Valor horário máximo 22:00 - 23:00
 On the basis of a time period 18.10.2018 22:00 - 18.10.2018 23:00
 1123 PCU

De \ Para	1	2	3	4
1		46	92	16
2				641
3				
4		298	30	



Contagem De 18/10/2018 as 00h00 até 19/10/2018 as 00h00
 Valor horário máximo 23:00 - 00:00
 On the basis of a time period 18.10.2018 23:00 - 19.10.2018 00:00
 703 PCU

De \ Para	1	2	3	4
1		33	48	10
2				386
3				
4		200	26	



PCU

504 - Av. Dom Pedro I X R. Espirito Santo

Nas tabelas de contagem de fluxo veicular a seguir são apresentadas a classificação pelos tipos de veículos como automóvel (**Car**), moto (**Moto**), ônibus (**Bus**) e caminhão (**Truck**).

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

A sigla **VEC** é a somatória direta de todos os veículos contados sem fator de equivalência. A sigla **PCU**, significa Passenger Car Unit ou mais conhecido como veículos equivalentes, representa a somatória dos veículos com seus respectivos fatores de equivalência, sendo adotados conforme sugestão do manual HCM – High Capacity Manual, os seguintes valores:

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

Por exemplo: Na contagem de 1 automóvel, 1 moto, 1 ônibus e 1 caminhão temos como resultado 4 (quatro) **VEC** e 6 (seis) **PCU**, ou seja, 4 (quatro) veículos contados com a consideração dos fatores de equivalência, resultam em 6 (seis) veículos de passeio.

Obs.: Nas tabelas de fluxos veiculares, quando a somatória não resulta em número inteiro o mesmo será arredondado p/ cima.

Movimentos Contados

1 > 2 R. Espírito Santo conv à esq. Av. Dom Pedro I



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	14	10	0	0	0	19	24
1:00	2:00	6	6	0	0	0	9	12
2:00	3:00	8	3	0	0	0	10	11
3:00	4:00	1	2	0	0	0	2	3
4:00	5:00	2	3	0	0	0	4	5
5:00	6:00	10	2	0	3	0	17	15
6:00	7:00	48	12	0	5	0	64	65
7:00	8:00	120	36	2	5	0	153	163
8:00	9:00	95	43	5	4	0	137	147
9:00	10:00	99	49	1	5	0	136	154
10:00	11:00	102	56	4	5	0	150	167
11:00	12:00	88	51	1	4	0	124	144

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	90	42	1	6	0	126	139
13:00	14:00	88	64	3	4	0	136	159
14:00	15:00	120	41	2	5	0	156	168
15:00	16:00	116	50	0	4	0	149	170
16:00	17:00	90	28	2	4	0	117	124
17:00	18:00	93	37	2	5	0	127	137
18:00	19:00	82	29	1	4	0	107	116
19:00	20:00	81	9	2	4	0	99	96
20:00	21:00	70	12	0	4	0	84	86
21:00	22:00	37	11	1	5	0	55	54
22:00	23:00	32	11	0	4	0	46	47
23:00	0:00	21	8	0	4	0	33	33

Movimento Contado

1 > 2

R. Espírito Santo conv à esq. Av. Dom Pedro I

Fluxo veicular a cada 15 minutos

Período Manhã										Período Tarde									
Período de até		Car	Moto	Truck	Bus	-	PCU	VEC		Período de até		Car	Moto	Truck	Bus	-	PCU	VEC	
0:00	0:15	3	4	0	0	0	5	19	7	12:00	12:15	25	12	0	2	0	35	126	39
0:15	0:30	5	2	0	0	0	6		7	12:15	12:30	20	8	0	1	0	26		29
0:30	0:45	3	1	0	0	0	4		4	12:30	12:45	27	12	0	1	0	35		40
0:45	1:00	3	3	0	0	0	5		6	12:45	13:00	18	10	1	2	0	30		31
1:00	1:15	3	2	0	0	0	4	9	5	13:00	13:15	21	17	1	1	0	34	136	40
1:15	1:30	1	3	0	0	0	3		4	13:15	13:30	22	20	0	1	0	34		43
1:30	1:45	1	0	0	0	0	1		1	13:30	13:45	17	14	2	1	0	31		34
1:45	2:00	1	1	0	0	0	2		2	13:45	14:00	28	13	0	1	0	37		42
2:00	2:15	1	1	0	0	0	2	10	2	14:00	14:15	27	10	0	2	0	36	156	39
2:15	2:30	4	0	0	0	0	4		4	14:15	14:30	28	11	2	1	0	41		42
2:30	2:45	0	0	0	0	0	0		0	14:30	14:45	28	10	0	1	0	35		39
2:45	3:00	3	2	0	0	0	4		5	14:45	15:00	37	10	0	1	0	44		48
3:00	3:15	1	0	0	0	0	1	2	1	15:00	15:15	34	13	0	2	0	45	149	49
3:15	3:30	0	1	0	0	0	1		1	15:15	15:30	28	7	0	1	0	34		36
3:30	3:45	0	1	0	0	0	1		1	15:30	15:45	26	13	0	1	0	35		40
3:45	4:00	0	0	0	0	0	0		0	15:45	16:00	28	17	0	0	0	37		45
4:00	4:15	0	1	0	0	0	1	4	1	16:00	16:15	24	5	1	2	0	33	117	32
4:15	4:30	0	1	0	0	0	1		1	16:15	16:30	23	5	0	1	0	28		29
4:30	4:45	2	0	0	0	0	2		2	16:30	16:45	22	11	1	1	0	32		35
4:45	5:00	0	1	0	0	0	1		1	16:45	17:00	21	7	0	0	0	25		28
5:00	5:15	1	0	0	0	0	1	17	1	17:00	17:15	23	13	0	2	0	34	127	38
5:15	5:30	3	0	0	1	0	5		4	17:15	17:30	20	9	1	1	0	29		31
5:30	5:45	1	1	0	1	0	4		3	17:30	17:45	24	10	1	1	0	34		36
5:45	6:00	5	1	0	1	0	8		7	17:45	18:00	26	5	0	1	0	31		32
6:00	6:15	5	1	0	2	0	10	64	8	18:00	18:15	22	8	0	1	0	28	107	31
6:15	6:30	8	4	0	0	0	10		12	18:15	18:30	23	7	0	0	0	27		30
6:30	6:45	11	2	0	3	0	18		16	18:30	18:45	19	3	1	2	0	27		25
6:45	7:00	24	5	0	0	0	27		29	18:45	19:00	18	11	0	1	0	26		30
7:00	7:15	33	8	0	2	0	41	153	43	19:00	19:15	21	5	0	1	0	26	99	27
7:15	7:30	26	4	1	0	0	31		31	19:15	19:30	21	0	0	1	0	23		22
7:30	7:45	35	12	1	2	0	48		50	19:30	19:45	17	3	1	1	0	23		22
7:45	8:00	26	12	0	1	0	34		39	19:45	20:00	22	1	1	1	0	27		25
8:00	8:15	28	11	0	1	0	36	137	40	20:00	20:15	23	4	0	2	0	29	84	29
8:15	8:30	26	9	2	1	0	38		38	20:15	20:30	11	1	0	2	0	16		14
8:30	8:45	24	14	0	1	0	33		39	20:30	20:45	19	5	0	0	0	22		24
8:45	9:00	17	9	3	1	0	31		30	20:45	21:00	17	2	0	0	0	18		19
9:00	9:15	25	21	0	3	0	42	136	49	21:00	21:15	14	1	0	2	0	19	55	17
9:15	9:30	18	12	0	0	0	24		30	21:15	21:30	7	1	0	1	0	10		9
9:30	9:45	23	5	0	2	0	30		30	21:30	21:45	10	4	0	1	0	14		15
9:45	10:00	33	11	1	0	0	41		45	21:45	22:00	6	5	1	1	0	13		13
10:00	10:15	20	17	0	2	0	33	150	39	22:00	22:15	10	3	0	1	0	14	46	14
10:15	10:30	32	11	1	1	0	42		45	22:15	22:30	7	3	0	1	0	11		11
10:30	10:45	30	17	2	1	0	46		50	22:30	22:45	8	2	0	0	0	9		10
10:45	11:00	20	11	1	1	0	30		33	22:45	23:00	7	3	0	2	0	13		12
11:00	11:15	32	13	1	2	0	45	124	48	23:00	23:15	4	3	0	1	0	8	33	8
11:15	11:30	23	21	0	0	0	34		44	23:15	23:30	7	2	0	1	0	10		10
11:30	11:45	13	9	0	2	0	22		24	23:30	23:45	6	0	0	1	0	8		7
11:45	12:00	20	8	0	0	0	24		28	23:45	0:00	4	3	0	1	0	8		8

Movimento Contado

1 > 3 R. Espírito Santo em frente



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	22	13	0	0	0	29	35
1:00	2:00	11	3	0	0	0	13	14
2:00	3:00	9	5	0	0	0	12	14
3:00	4:00	3	1	0	0	0	4	4
4:00	5:00	6	1	0	2	0	11	9
5:00	6:00	17	5	0	0	0	20	22
6:00	7:00	177	40	1	3	0	206	221
7:00	8:00	346	98	5	0	0	408	449
8:00	9:00	186	87	4	0	0	240	277
9:00	10:00	165	71	6	0	0	216	242
10:00	11:00	193	56	7	0	0	239	256
11:00	12:00	229	87	6	2	0	292	324

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	287	101	9	0	0	360	397
13:00	14:00	237	100	8	0	0	307	345
14:00	15:00	187	86	7	0	0	248	280
15:00	16:00	176	70	11	0	0	239	257
16:00	17:00	224	86	4	0	0	277	314
17:00	18:00	288	94	6	1	0	352	389
18:00	19:00	290	82	0	2	0	335	374
19:00	20:00	193	47	1	2	0	223	243
20:00	21:00	134	26	0	0	0	147	160
21:00	22:00	116	22	0	0	0	127	138
22:00	23:00	77	25	0	1	0	92	103
23:00	0:00	43	11	0	0	0	49	54

Movimento Contado

1 > 3

R. Espírito Santo em frente

Fluxo veicular a cada 15 minutos

Período Manhã										Período Tarde									
Período de até		Car	Moto	Truck	Bus	-	PCU	VEC		Período de até		Car	Moto	Truck	Bus	-	PCU	VEC	
0:00	0:15	7	6	0	0	0	10	29	13	12:00	12:15	74	31	5	0	0	102	360	110
0:15	0:30	4	4	0	0	0	6		8	12:15	12:30	69	17	0	0	0	78		86
0:30	0:45	9	2	0	0	0	10		11	12:30	12:45	62	23	3	0	0	81		88
0:45	1:00	2	1	0	0	0	3		3	12:45	13:00	82	30	1	0	0	100		113
1:00	1:15	4	1	0	0	0	5	13	5	13:00	13:15	75	31	0	0	0	91	307	106
1:15	1:30	2	0	0	0	0	2		2	13:15	13:30	59	20	4	0	0	79		83
1:30	1:45	2	2	0	0	0	3		4	13:30	13:45	44	32	1	0	0	63		77
1:45	2:00	3	0	0	0	0	3		3	13:45	14:00	59	17	3	0	0	75		79
2:00	2:15	2	1	0	0	0	3	12	3	14:00	14:15	53	32	1	0	0	72	248	86
2:15	2:30	2	2	0	0	0	3		4	14:15	14:30	51	25	2	0	0	69		78
2:30	2:45	1	1	0	0	0	2		2	14:30	14:45	43	17	2	0	0	57		62
2:45	3:00	4	1	0	0	0	5		5	14:45	15:00	40	12	2	0	0	51		54
3:00	3:15	2	0	0	0	0	2	4	2	15:00	15:15	39	18	2	0	0	53	239	59
3:15	3:30	0	0	0	0	0	0		0	15:15	15:30	45	17	5	0	0	66		67
3:30	3:45	0	1	0	0	0	1		1	15:30	15:45	52	16	2	0	0	65		70
3:45	4:00	1	0	0	0	0	1		1	15:45	16:00	40	19	2	0	0	55		61
4:00	4:15	2	0	0	2	0	6	11	4	16:00	16:15	53	17	0	0	0	62	277	70
4:15	4:30	2	0	0	0	0	2		2	16:15	16:30	52	16	1	0	0	63		69
4:30	4:45	2	0	0	0	0	2		2	16:30	16:45	58	30	2	0	0	78		90
4:45	5:00	0	1	0	0	0	1		1	16:45	17:00	61	23	1	0	0	75		85
5:00	5:15	2	0	0	0	0	2	20	2	17:00	17:15	60	24	0	0	0	72	352	84
5:15	5:30	3	0	0	0	0	3		3	17:15	17:30	71	27	3	0	0	92		101
5:30	5:45	3	1	0	0	0	4		4	17:30	17:45	73	27	2	0	0	92		102
5:45	6:00	9	4	0	0	0	11		13	17:45	18:00	84	16	1	1	0	97		102
6:00	6:15	7	6	0	0	0	10	206	13	18:00	18:15	92	24	0	0	0	104	335	116
6:15	6:30	24	6	0	1	0	29		31	18:15	18:30	77	14	0	0	0	84		91
6:30	6:45	42	8	1	1	0	51		52	18:30	18:45	62	20	0	2	0	76		84
6:45	7:00	104	20	0	1	0	116		125	18:45	19:00	59	24	0	0	0	71		83
7:00	7:15	124	30	1	0	0	142	408	155	19:00	19:15	59	12	1	0	0	68	223	72
7:15	7:30	88	14	1	0	0	98		103	19:15	19:30	58	16	0	1	0	68		75
7:30	7:45	67	29	2	0	0	87		98	19:30	19:45	50	15	0	1	0	60		66
7:45	8:00	67	25	1	0	0	82		93	19:45	20:00	26	4	0	0	0	28		30
8:00	8:15	52	36	0	0	0	70	240	88	20:00	20:15	46	6	0	0	0	49	147	52
8:15	8:30	51	10	1	0	0	59		62	20:15	20:30	28	8	0	0	0	32		36
8:30	8:45	45	19	1	0	0	57		65	20:30	20:45	31	6	0	0	0	34		37
8:45	9:00	38	22	2	0	0	54		62	20:45	21:00	29	6	0	0	0	32		35
9:00	9:15	49	16	2	0	0	62	216	67	21:00	21:15	31	5	0	0	0	34	127	36
9:15	9:30	38	14	2	0	0	50		54	21:15	21:30	28	6	0	0	0	31		34
9:30	9:45	43	23	1	0	0	57		67	21:30	21:45	33	4	0	0	0	35		37
9:45	10:00	35	18	1	0	0	47		54	21:45	22:00	24	7	0	0	0	28		31
10:00	10:15	45	11	2	0	0	56	239	58	22:00	22:15	31	8	0	0	0	35	92	39
10:15	10:30	40	11	0	0	0	46		51	22:15	22:30	15	6	0	0	0	18		21
10:30	10:45	51	13	2	0	0	63		66	22:30	22:45	21	8	0	1	0	27		30
10:45	11:00	57	21	3	0	0	75		81	22:45	23:00	10	3	0	0	0	12		13
11:00	11:15	41	27	0	0	0	55	292	68	23:00	23:15	10	3	0	0	0	12	49	13
11:15	11:30	51	20	2	0	0	66		73	23:15	23:30	11	4	0	0	0	13		15
11:30	11:45	66	21	1	1	0	81		89	23:30	23:45	12	2	0	0	0	13		14
11:45	12:00	71	19	3	1	0	90		94	23:45	0:00	10	2	0	0	0	11		12

Movimento Contado

1 > 4 R. Espírito Santo conv à dir. Av. Dom Pedro I



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	5	2	0	0	0	6	7
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	3	0	0	0	0	3	3
5:00	6:00	3	3	0	1	0	7	7
6:00	7:00	9	2	0	0	0	10	11
7:00	8:00	21	12	2	0	0	32	35
8:00	9:00	43	18	0	0	0	52	61
9:00	10:00	56	33	2	0	0	78	91
10:00	11:00	51	39	3	0	0	78	93
11:00	12:00	57	39	2	0	0	82	98

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	47	33	3	0	0	71	83
13:00	14:00	45	31	0	0	0	61	76
14:00	15:00	55	25	1	0	0	70	81
15:00	16:00	64	31	1	0	0	82	96
16:00	17:00	50	27	2	0	0	69	79
17:00	18:00	49	39	1	0	0	71	89
18:00	19:00	66	15	2	1	0	81	84
19:00	20:00	38	4	0	0	0	40	42
20:00	21:00	40	10	0	0	0	45	50
21:00	22:00	18	3	0	0	0	20	21
22:00	23:00	13	5	0	0	0	16	18
23:00	0:00	9	1	0	0	0	10	10

Movimento Contado

1 > 4

R. Espírito Santo conv à dir. Av. Dom Pedro I

Fluxo veicular a cada 15 minutos

Período Manhã										Período Tarde									
Período de até		Car	Moto	Truck	Bus	-	PCU	VEC		Período de até		Car	Moto	Truck	Bus	-	PCU	VEC	
0:00	0:15	3	2	0	0	0	4	6	5	12:00	12:15	10	12	1	0	0	19	71	23
0:15	0:30	1	0	0	0	0	1		1	12:15	12:30	18	7	1	0	0	24		26
0:30	0:45	1	0	0	0	0	1		1	12:30	12:45	14	5	1	0	0	19		20
0:45	1:00	0	0	0	0	0	0		0	12:45	13:00	5	9	0	0	0	10		14
1:00	1:15	0	0	0	0	0	0	1	0	13:00	13:15	16	11	0	0	0	22	61	27
1:15	1:30	0	0	0	0	0	0		0	13:15	13:30	9	9	0	0	0	14		18
1:30	1:45	0	0	0	0	0	0		0	13:30	13:45	8	5	0	0	0	11		13
1:45	2:00	1	0	0	0	0	1		1	13:45	14:00	12	6	0	0	0	15		18
2:00	2:15	0	0	0	0	0	0	0	0	14:00	14:15	17	11	0	0	0	23	70	28
2:15	2:30	0	0	0	0	0	0		0	14:15	14:30	15	6	0	0	0	18		21
2:30	2:45	0	0	0	0	0	0		0	14:30	14:45	13	4	1	0	0	18		18
2:45	3:00	0	0	0	0	0	0		0	14:45	15:00	10	4	0	0	0	12		14
3:00	3:15	0	0	0	0	0	0	0	0	15:00	15:15	11	5	0	0	0	14	82	16
3:15	3:30	0	0	0	0	0	0		0	15:15	15:30	23	9	0	0	0	28		32
3:30	3:45	0	0	0	0	0	0		0	15:30	15:45	17	5	0	0	0	20		22
3:45	4:00	0	0	0	0	0	0		0	15:45	16:00	13	12	1	0	0	22		26
4:00	4:15	2	0	0	0	0	2	3	2	16:00	16:15	12	6	0	0	0	15	69	18
4:15	4:30	0	0	0	0	0	0		0	16:15	16:30	11	8	1	0	0	18		20
4:30	4:45	0	0	0	0	0	0		0	16:30	16:45	20	8	0	0	0	24		28
4:45	5:00	1	0	0	0	0	1		1	16:45	17:00	7	5	1	0	0	12		13
5:00	5:15	0	0	0	0	0	0	7	0	17:00	17:15	13	16	0	0	0	21	71	29
5:15	5:30	1	0	0	0	0	1		1	17:15	17:30	11	12	1	0	0	20		24
5:30	5:45	1	1	0	1	0	4		3	17:30	17:45	14	6	0	0	0	17		20
5:45	6:00	1	2	0	0	0	2		3	17:45	18:00	11	5	0	0	0	14		16
6:00	6:15	2	1	0	0	0	3	10	3	18:00	18:15	19	6	2	0	0	27	81	27
6:15	6:30	3	0	0	0	0	3		3	18:15	18:30	16	1	0	0	0	17		17
6:30	6:45	1	1	0	0	0	2		2	18:30	18:45	12	3	0	0	0	14		15
6:45	7:00	3	0	0	0	0	3		3	18:45	19:00	19	5	0	1	0	24		25
7:00	7:15	6	3	1	0	0	10	32	10	19:00	19:15	13	1	0	0	0	14	40	14
7:15	7:30	3	4	0	0	0	5		7	19:15	19:30	10	3	0	0	0	12		13
7:30	7:45	10	1	0	0	0	11		11	19:30	19:45	9	0	0	0	0	9		9
7:45	8:00	2	4	1	0	0	7		7	19:45	20:00	6	0	0	0	0	6		6
8:00	8:15	6	4	0	0	0	8	52	10	20:00	20:15	9	1	0	0	0	10	45	10
8:15	8:30	9	1	0	0	0	10		10	20:15	20:30	14	6	0	0	0	17		20
8:30	8:45	13	5	0	0	0	16		18	20:30	20:45	12	2	0	0	0	13		14
8:45	9:00	15	8	0	0	0	19		23	20:45	21:00	5	1	0	0	0	6		6
9:00	9:15	11	3	1	0	0	15	78	15	21:00	21:15	6	1	0	0	0	7	20	7
9:15	9:30	9	10	0	0	0	14		19	21:15	21:30	6	0	0	0	0	6		6
9:30	9:45	16	10	0	0	0	21		26	21:30	21:45	3	1	0	0	0	4		4
9:45	10:00	20	10	1	0	0	28		31	21:45	22:00	3	1	0	0	0	4		4
10:00	10:15	13	10	0	0	0	18	78	23	22:00	22:15	8	1	0	0	0	9	16	9
10:15	10:30	11	9	3	0	0	23		23	22:15	22:30	2	0	0	0	0	2		2
10:30	10:45	14	9	0	0	0	19		23	22:30	22:45	0	2	0	0	0	1		2
10:45	11:00	13	11	0	0	0	19		24	22:45	23:00	3	2	0	0	0	4		5
11:00	11:15	11	10	0	0	0	16	82	21	23:00	23:15	3	0	0	0	0	3	10	3
11:15	11:30	11	6	0	0	0	14		17	23:15	23:30	3	0	0	0	0	3		3
11:30	11:45	13	13	1	0	0	22		27	23:30	23:45	3	0	0	0	0	3		3
11:45	12:00	22	10	1	0	0	30		33	23:45	0:00	0	1	0	0	0	1		1

Movimento Contado

2 > 4 Av. Dom Pedro I em frente



Fluxo veicular a cada hora

Período Manhã								
Período de até		Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	193	89	0	5	0	248	287
1:00	2:00	76	56	0	1	0	106	133
2:00	3:00	54	22	0	1	0	67	77
3:00	4:00	32	20	0	1	0	44	53
4:00	5:00	22	18	1	1	0	36	42
5:00	6:00	75	46	1	23	0	147	145
6:00	7:00	194	75	1	34	0	302	304
7:00	8:00	346	128	6	26	0	477	506
8:00	9:00	361	136	12	24	0	507	533
9:00	10:00	390	160	11	24	0	546	585
10:00	11:00	454	205	15	22	0	638	696
11:00	12:00	476	218	10	23	0	656	727

Período Tarde								
Período de até		Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	482	258	14	23	0	692	777
13:00	14:00	502	228	11	24	0	692	765
14:00	15:00	540	221	11	21	0	720	793
15:00	16:00	512	222	13	27	0	710	774
16:00	17:00	552	240	16	25	0	762	833
17:00	18:00	692	314	12	26	0	931	1044
18:00	19:00	786	310	6	24	0	1004	1126
19:00	20:00	611	156	4	22	0	743	793
20:00	21:00	542	123	2	15	0	639	682
21:00	22:00	441	104	1	19	0	534	565
22:00	23:00	526	139	3	19	0	641	687
23:00	0:00	293	93	5	17	0	386	408

Movimento Contado

2 > 4

Av. Dom Pedro I em frente

Fluxo veicular a cada 15 minutos

Período Manhã										Período Tarde									
Período de até		Car	Moto	Truck	Bus	-	PCU	VEC		Período de até		Car	Moto	Truck	Bus	-	PCU	VEC	
0:00	0:15	63	35	0	3	0	87	248	101	12:00	12:15	127	62	2	7	0	177	692	198
0:15	0:30	60	26	0	2	0	77		88	12:15	12:30	113	72	1	6	0	164		192
0:30	0:45	41	14	0	0	0	48		55	12:30	12:45	143	54	8	6	0	202		211
0:45	1:00	29	14	0	0	0	36		43	12:45	13:00	99	70	3	4	0	150		176
1:00	1:15	22	19	0	1	0	34	106	42	13:00	13:15	122	43	2	7	0	163	692	174
1:15	1:30	16	16	0	0	0	24		32	13:15	13:30	136	52	5	6	0	187		199
1:30	1:45	18	14	0	0	0	25		32	13:30	13:45	127	58	3	5	0	174		193
1:45	2:00	20	7	0	0	0	24		27	13:45	14:00	117	75	1	6	0	169		199
2:00	2:15	12	6	0	0	0	15	67	18	14:00	14:15	128	58	3	7	0	179	720	196
2:15	2:30	11	11	0	0	0	17		22	14:15	14:30	137	52	4	4	0	181		197
2:30	2:45	20	3	0	1	0	24		24	14:30	14:45	132	60	3	5	0	180		200
2:45	3:00	11	2	0	0	0	12		13	14:45	15:00	143	51	1	5	0	181		200
3:00	3:15	9	4	0	0	0	11	44	13	15:00	15:15	128	67	3	8	0	185	710	206
3:15	3:30	9	3	0	0	0	11		12	15:15	15:30	132	47	5	5	0	178		189
3:30	3:45	9	7	0	0	0	13		16	15:30	15:45	136	47	5	6	0	184		194
3:45	4:00	5	6	0	1	0	10		12	15:45	16:00	116	61	0	8	0	163		185
4:00	4:15	6	4	0	0	0	8	36	10	16:00	16:15	146	67	4	3	0	196	762	220
4:15	4:30	4	4	0	0	0	6		8	16:15	16:30	126	60	6	9	0	189		201
4:30	4:45	5	1	1	0	0	8		7	16:30	16:45	142	57	4	7	0	195		210
4:45	5:00	7	9	0	1	0	14		17	16:45	17:00	138	56	2	6	0	183		202
5:00	5:15	11	10	0	3	0	22	147	24	17:00	17:15	163	61	3	8	0	217	931	235
5:15	5:30	13	8	0	5	0	27		26	17:15	17:30	177	88	5	7	0	248		277
5:30	5:45	20	10	1	3	0	34		34	17:30	17:45	175	89	3	7	0	241		274
5:45	6:00	31	18	0	12	0	64		61	17:45	18:00	177	76	1	4	0	226		258
6:00	6:15	32	22	1	8	0	62	302	63	18:00	18:15	210	78	3	8	0	273	1004	299
6:15	6:30	33	18	0	12	0	66		63	18:15	18:30	188	100	2	6	0	255		296
6:30	6:45	43	17	0	7	0	66		67	18:30	18:45	214	69	0	5	0	259		288
6:45	7:00	86	18	0	7	0	109		111	18:45	19:00	174	63	1	5	0	218		243
7:00	7:15	86	35	2	5	0	119	477	128	19:00	19:15	149	53	1	8	0	194	743	211
7:15	7:30	106	28	2	9	0	143		145	19:15	19:30	160	59	2	6	0	207		227
7:30	7:45	79	24	2	5	0	106		110	19:30	19:45	162	28	0	4	0	184		194
7:45	8:00	75	41	0	7	0	110		123	19:45	20:00	140	16	1	4	0	159		161
8:00	8:15	72	28	2	6	0	103	507	108	20:00	20:15	155	27	0	5	0	179	639	187
8:15	8:30	85	39	6	3	0	126		133	20:15	20:30	131	33	1	4	0	158		169
8:30	8:45	94	42	3	9	0	141		148	20:30	20:45	124	30	0	3	0	145		157
8:45	9:00	110	27	1	6	0	138		144	20:45	21:00	132	33	1	3	0	157		169
9:00	9:15	100	42	1	6	0	136	546	149	21:00	21:15	107	25	1	7	0	136	534	140
9:15	9:30	95	31	1	6	0	125		133	21:15	21:30	115	31	0	4	0	139		150
9:30	9:45	112	54	3	4	0	155		173	21:30	21:45	114	24	0	4	0	134		142
9:45	10:00	83	33	6	8	0	131		130	21:45	22:00	105	24	0	4	0	125		133
10:00	10:15	111	54	3	6	0	158	638	174	22:00	22:15	126	21	0	5	0	147	641	152
10:15	10:30	116	50	1	5	0	154		172	22:15	22:30	131	41	2	8	0	173		182
10:30	10:45	126	33	7	3	0	166		169	22:30	22:45	140	44	1	4	0	173		189
10:45	11:00	101	68	4	8	0	161		181	22:45	23:00	129	33	0	2	0	150		164
11:00	11:15	108	46	1	8	0	150	656	163	23:00	23:15	83	22	1	5	0	107	386	111
11:15	11:30	117	49	5	4	0	162		175	23:15	23:30	87	23	2	6	0	116		118
11:30	11:45	137	58	2	6	0	183		203	23:30	23:45	69	19	2	5	0	94		95
11:45	12:00	114	65	2	5	0	162		186	23:45	0:00	54	29	0	1	0	71		84

Movimento Contado

4 > 2 Av. Dom Pedro I em frente



Fluxo veicular a cada hora

Período Manhã								
Período de até		Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	107	30	0	8	0	138	145
1:00	2:00	37	11	0	0	0	43	48
2:00	3:00	20	9	0	1	0	27	30
3:00	4:00	30	14	2	0	0	42	46
4:00	5:00	31	15	0	0	0	39	46
5:00	6:00	153	87	4	14	0	235	258
6:00	7:00	506	180	4	31	0	668	721
7:00	8:00	783	401	17	28	0	1082	1229
8:00	9:00	585	272	16	17	0	795	890
9:00	10:00	520	214	17	21	0	712	772
10:00	11:00	488	186	17	18	0	660	709
11:00	12:00	383	164	15	18	0	539	580

Período Tarde								
Período de até		Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	433	222	9	20	0	607	684
13:00	14:00	522	247	13	17	0	712	799
14:00	15:00	503	187	13	20	0	669	723
15:00	16:00	434	198	22	20	0	628	674
16:00	17:00	483	172	16	20	0	649	691
17:00	18:00	507	148	8	24	0	649	687
18:00	19:00	514	116	6	21	0	629	657
19:00	20:00	480	74	0	19	0	555	573
20:00	21:00	386	52	1	14	0	443	453
21:00	22:00	307	31	4	12	0	357	354
22:00	23:00	247	36	2	14	0	298	299
23:00	0:00	151	32	3	13	0	201	199

Movimento Contado

4 > 2

Av. Dom Pedro I em frente

Fluxo veicular a cada 15 minutos

Período Manhã										Período Tarde									
Período de até		Car	Moto	Truck	Bus	-	PCU	VEC		Período de até		Car	Moto	Truck	Bus	-	PCU	VEC	
0:00	0:15	42	7	0	2	0	50	138	51	12:00	12:15	91	46	2	4	0	127	607	143
0:15	0:30	23	8	0	4	0	35		35	12:15	12:30	116	45	2	6	0	156		169
0:30	0:45	23	9	0	1	0	30		33	12:30	12:45	122	51	2	2	0	157		177
0:45	1:00	19	6	0	1	0	24		26	12:45	13:00	104	80	3	8	0	168		195
1:00	1:15	10	3	0	0	0	12	43	13	13:00	13:15	111	69	4	2	0	160	712	186
1:15	1:30	13	1	0	0	0	14		14	13:15	13:30	145	55	5	7	0	199		212
1:30	1:45	6	2	0	0	0	7		8	13:30	13:45	147	61	2	3	0	189		213
1:45	2:00	8	5	0	0	0	11		13	13:45	14:00	119	62	2	5	0	165		188
2:00	2:15	4	1	0	1	0	7	27	6	14:00	14:15	117	44	3	5	0	157	669	169
2:15	2:30	6	1	0	0	0	7		7	14:15	14:30	135	45	3	5	0	175		188
2:30	2:45	6	4	0	0	0	8		10	14:30	14:45	115	52	5	5	0	164		177
2:45	3:00	4	3	0	0	0	6		7	14:45	15:00	136	46	2	5	0	174		189
3:00	3:15	7	3	1	0	0	11	42	11	15:00	15:15	104	48	5	4	0	149	628	161
3:15	3:30	10	3	0	0	0	12		13	15:15	15:30	107	45	5	7	0	156		164
3:30	3:45	9	5	0	0	0	12		14	15:30	15:45	113	54	6	4	0	163		177
3:45	4:00	4	3	1	0	0	8		8	15:45	16:00	110	51	6	5	0	161		172
4:00	4:15	3	1	0	0	0	4	39	4	16:00	16:15	119	52	4	2	0	159	649	177
4:15	4:30	6	2	0	0	0	7		8	16:15	16:30	119	35	2	6	0	154		162
4:30	4:45	5	7	0	0	0	9		12	16:30	16:45	137	40	7	3	0	181		187
4:45	5:00	17	5	0	0	0	20		22	16:45	17:00	108	45	3	9	0	156		165
5:00	5:15	28	7	0	0	0	32	235	35	17:00	17:15	130	43	1	5	0	164	649	179
5:15	5:30	25	13	2	3	0	43		43	17:15	17:30	139	49	1	5	0	176		194
5:30	5:45	37	33	0	5	0	64		75	17:30	17:45	118	26	2	7	0	150		153
5:45	6:00	63	34	2	6	0	97		105	17:45	18:00	120	30	4	7	0	159		161
6:00	6:15	64	28	0	6	0	90	668	98	18:00	18:15	143	36	2	4	0	174	629	185
6:15	6:30	84	44	2	8	0	127		138	18:15	18:30	120	24	1	6	0	147		151
6:30	6:45	138	57	2	10	0	192		207	18:30	18:45	119	26	1	6	0	147		152
6:45	7:00	220	51	0	7	0	260		278	18:45	19:00	132	30	2	5	0	162		169
7:00	7:15	196	71	0	6	0	244	1082	273	19:00	19:15	128	29	0	7	0	157	555	164
7:15	7:30	200	101	6	9	0	284		316	19:15	19:30	129	21	0	3	0	146		153
7:30	7:45	211	99	6	6	0	288		322	19:30	19:45	108	15	0	7	0	130		130
7:45	8:00	176	130	5	7	0	268		318	19:45	20:00	115	9	0	2	0	124		126
8:00	8:15	152	72	6	4	0	211	795	234	20:00	20:15	89	8	0	4	0	101	443	101
8:15	8:30	152	75	1	7	0	206		235	20:15	20:30	105	13	1	1	0	116		120
8:30	8:45	143	70	3	2	0	190		218	20:30	20:45	96	14	0	6	0	115		116
8:45	9:00	138	55	6	4	0	189		203	20:45	21:00	96	17	0	3	0	111		116
9:00	9:15	122	45	5	7	0	171	712	179	21:00	21:15	80	7	0	1	0	86	357	88
9:15	9:30	131	61	5	5	0	184		202	21:15	21:30	79	10	3	3	0	98		95
9:30	9:45	137	51	6	6	0	190		200	21:30	21:45	65	6	1	5	0	81		77
9:45	10:00	130	57	1	3	0	167		191	21:45	22:00	83	8	0	3	0	93		94
10:00	10:15	123	46	4	4	0	164	660	177	22:00	22:15	79	8	0	3	0	89	298	90
10:15	10:30	109	42	3	6	0	150		160	22:15	22:30	51	9	0	0	0	56		60
10:30	10:45	129	55	4	5	0	177		193	22:30	22:45	60	8	2	8	0	85		78
10:45	11:00	127	43	6	3	0	170		179	22:45	23:00	57	11	0	3	0	69		71
11:00	11:15	103	46	5	2	0	143	539	156	23:00	23:15	55	11	1	4	0	71	201	71
11:15	11:30	97	41	1	7	0	134		146	23:15	23:30	42	9	0	0	0	47		51
11:30	11:45	91	40	4	4	0	129		139	23:30	23:45	31	6	0	4	0	42		41
11:45	12:00	92	37	5	5	0	133		139	23:45	0:00	23	6	2	5	0	41		36

Movimento Contado

4 > 3 Av. Dom Pedro I conv à dir. R. Espírito Santo



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	12	1	0	1	0	15	14
1:00	2:00	5	0	0	0	0	5	5
2:00	3:00	3	0	1	0	0	6	4
3:00	4:00	0	0	0	0	0	0	0
4:00	5:00	5	1	0	0	0	6	6
5:00	6:00	15	1	0	4	0	24	20
6:00	7:00	55	10	1	7	0	77	73
7:00	8:00	77	24	0	7	0	103	108
8:00	9:00	78	20	2	5	0	103	105
9:00	10:00	81	17	3	5	0	107	106
10:00	11:00	86	27	4	5	0	120	122
11:00	12:00	88	34	3	5	0	123	130

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	108	34	1	5	0	138	148
13:00	14:00	109	37	2	4	0	141	152
14:00	15:00	97	20	1	4	0	118	122
15:00	16:00	109	19	2	5	0	134	135
16:00	17:00	106	23	6	4	0	141	139
17:00	18:00	109	31	2	5	0	140	147
18:00	19:00	90	15	2	5	0	113	112
19:00	20:00	89	17	0	7	0	112	113
20:00	21:00	66	14	0	5	0	83	85
21:00	22:00	44	8	1	3	0	57	56
22:00	23:00	21	7	0	3	0	31	31
23:00	0:00	15	4	1	3	0	26	23

Movimento Contado

4 > 3

Av. Dom Pedro I conv à dir. R. Espírito Santo

Fluxo veicular a cada 15 minutos

Período Manhã										Período Tarde									
Período de até		Car	Moto	Truck	Bus	-	PCU		VEC	Período de até		Car	Moto	Truck	Bus	-	PCU		VEC
0:00	0:15	4	0	0	0	0	4	15	4	12:00	12:15	26	7	0	0	0	30	138	33
0:15	0:30	2	1	0	1	0	5		4	12:15	12:30	18	9	0	2	0	27		29
0:30	0:45	1	0	0	0	0	1		1	12:30	12:45	25	11	1	1	0	35		38
0:45	1:00	5	0	0	0	0	5		5	12:45	13:00	39	7	0	2	0	47		48
1:00	1:15	1	0	0	0	0	1	5	1	13:00	13:15	28	8	1	0	0	35	141	37
1:15	1:30	2	0	0	0	0	2		2	13:15	13:30	26	4	0	1	0	30		31
1:30	1:45	2	0	0	0	0	2		2	13:30	13:45	28	17	1	2	0	43		48
1:45	2:00	0	0	0	0	0	0		0	13:45	14:00	27	8	0	1	0	33		36
2:00	2:15	2	0	1	0	0	5	6	3	14:00	14:15	21	7	1	0	0	27	118	29
2:15	2:30	1	0	0	0	0	1		1	14:15	14:30	24	4	0	2	0	30		30
2:30	2:45	0	0	0	0	0	0		0	14:30	14:45	26	3	0	1	0	30		30
2:45	3:00	0	0	0	0	0	0		0	14:45	15:00	26	6	0	1	0	31		33
3:00	3:15	0	0	0	0	0	0	0	0	15:00	15:15	24	5	1	2	0	33	134	32
3:15	3:30	0	0	0	0	0	0		0	15:15	15:30	22	4	0	0	0	24		26
3:30	3:45	0	0	0	0	0	0		0	15:30	15:45	29	6	1	3	0	41		39
3:45	4:00	0	0	0	0	0	0		0	15:45	16:00	34	4	0	0	0	36		38
4:00	4:15	1	0	0	0	0	1	6	1	16:00	16:15	28	4	4	0	0	40	141	36
4:15	4:30	0	0	0	0	0	0		0	16:15	16:30	22	4	1	2	0	31		29
4:30	4:45	2	0	0	0	0	2		2	16:30	16:45	23	6	0	1	0	28		30
4:45	5:00	2	1	0	0	0	3		3	16:45	17:00	33	9	1	1	0	42		44
5:00	5:15	2	0	0	0	0	2	24	2	17:00	17:15	35	8	0	2	0	43	140	45
5:15	5:30	1	0	0	1	0	3		2	17:15	17:30	27	9	0	1	0	34		37
5:30	5:45	3	0	0	2	0	7		5	17:30	17:45	23	10	1	1	0	33		35
5:45	6:00	9	1	0	1	0	12		11	17:45	18:00	24	4	1	1	0	31		30
6:00	6:15	3	3	1	2	0	11	77	9	18:00	18:15	31	5	0	1	0	36	113	37
6:15	6:30	7	1	0	3	0	14		11	18:15	18:30	21	5	1	1	0	28		28
6:30	6:45	17	2	0	1	0	20		20	18:30	18:45	17	2	0	1	0	20		20
6:45	7:00	28	4	0	1	0	32		33	18:45	19:00	21	3	1	2	0	29		27
7:00	7:15	21	5	0	2	0	28	103	28	19:00	19:15	26	7	0	1	0	32	112	34
7:15	7:30	20	6	0	1	0	25		27	19:15	19:30	31	6	0	2	0	38		39
7:30	7:45	15	4	0	2	0	21		21	19:30	19:45	20	3	0	1	0	24		24
7:45	8:00	21	9	0	2	0	30		32	19:45	20:00	12	1	0	3	0	19		16
8:00	8:15	23	1	1	1	0	28	103	26	20:00	20:15	18	5	0	1	0	23	83	24
8:15	8:30	20	5	0	1	0	25		26	20:15	20:30	16	5	0	1	0	21		22
8:30	8:45	16	9	0	1	0	23		26	20:30	20:45	16	3	0	2	0	22		21
8:45	9:00	19	5	1	2	0	28		27	20:45	21:00	16	1	0	1	0	19		18
9:00	9:15	21	2	1	1	0	27	107	25	21:00	21:15	15	5	1	1	0	22	57	22
9:15	9:30	17	4	0	1	0	21		22	21:15	21:30	9	1	0	0	0	10		10
9:30	9:45	20	4	2	3	0	33		29	21:30	21:45	11	1	0	1	0	14		13
9:45	10:00	23	7	0	0	0	27		30	21:45	22:00	9	1	0	1	0	12		11
10:00	10:15	31	7	1	1	0	39	120	40	22:00	22:15	8	3	0	1	0	12	31	12
10:15	10:30	17	8	1	2	0	28		28	22:15	22:30	6	2	0	0	0	7		8
10:30	10:45	23	5	0	1	0	28		29	22:30	22:45	4	0	0	1	0	6		5
10:45	11:00	15	7	2	1	0	26		25	22:45	23:00	3	2	0	1	0	6		6
11:00	11:15	22	12	0	1	0	30	123	35	23:00	23:15	7	2	0	1	0	10	26	10
11:15	11:30	25	7	0	1	0	31		33	23:15	23:30	3	0	0	0	0	3		3
11:30	11:45	18	5	2	2	0	30		27	23:30	23:45	4	1	0	1	0	7		6
11:45	12:00	23	10	1	1	0	33		35	23:45	0:00	1	1	1	1	0	6		4