

RELATÓRIO DE PESQUISAS

CONTAGEM VOLUMÉTRICA CLASSIFICADA EM CRUZAMENTOS (15)

241 - Av. Saudade X R. Fernão Sales

Ref.: RT-4378-01-200-3J21-241_A



Ribeirão Preto - SP

Novembro de 2018

Responsável Técnico:

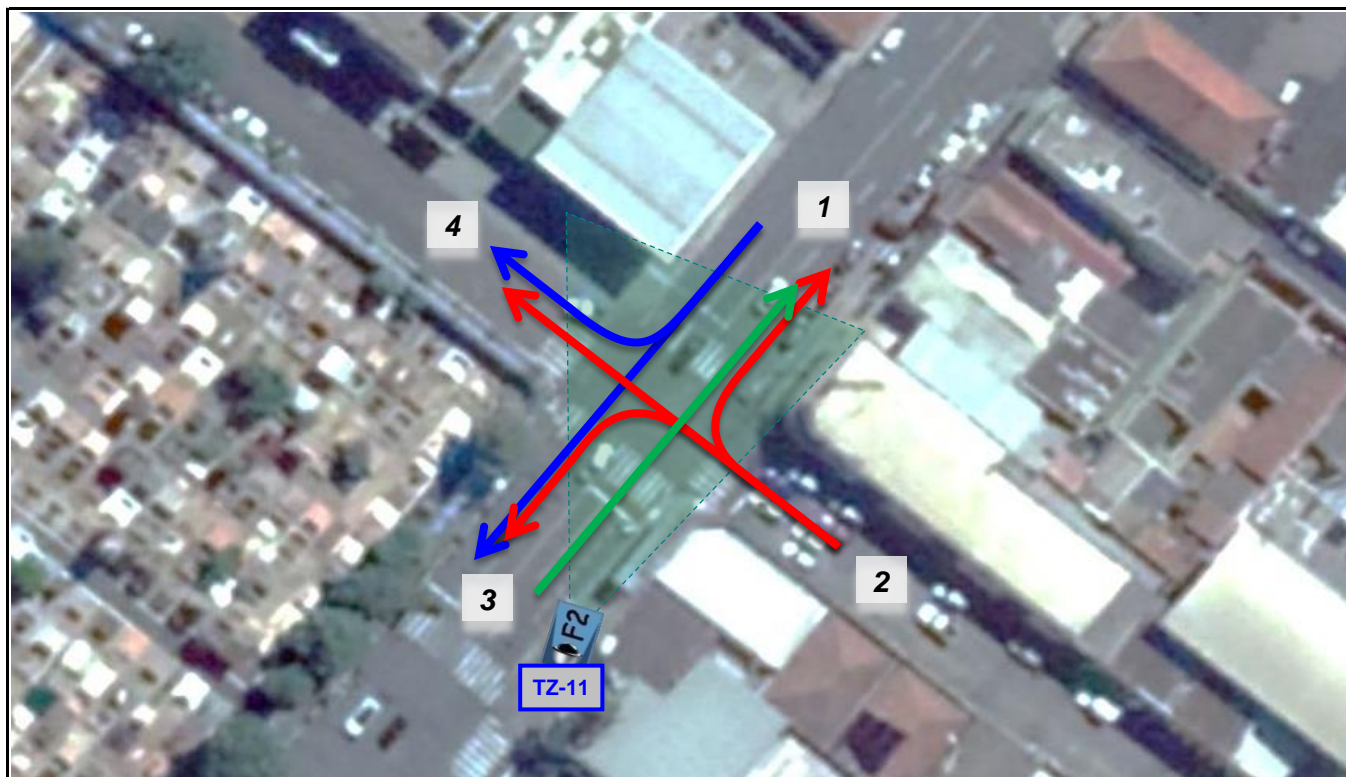
Fábio de Campos Bittencourt

CREA N°:

ART 28027230181266891

Croquis

241 - Av. Saudade X R. Fernão Sales



Vídeos



Movimentos Contados

- | | | | |
|---|---|---|---|
| 1 | > | 3 | Av. Saudade em frente |
| 1 | > | 4 | Av. Saudade conv à R. Fernão Sales |
| 2 | > | 1 | R. Fernão Sales conv à dir. Av. Saudade |
| 2 | > | 3 | R. Fernão Sales conv à esq. Av. Saudade |
| 2 | > | 4 | R. Fernão Sales em frente |
| 3 | > | 1 | Av. Saudade em frente |

Perfil Horário 241 - Av. Saudade X R. Fernão Sales

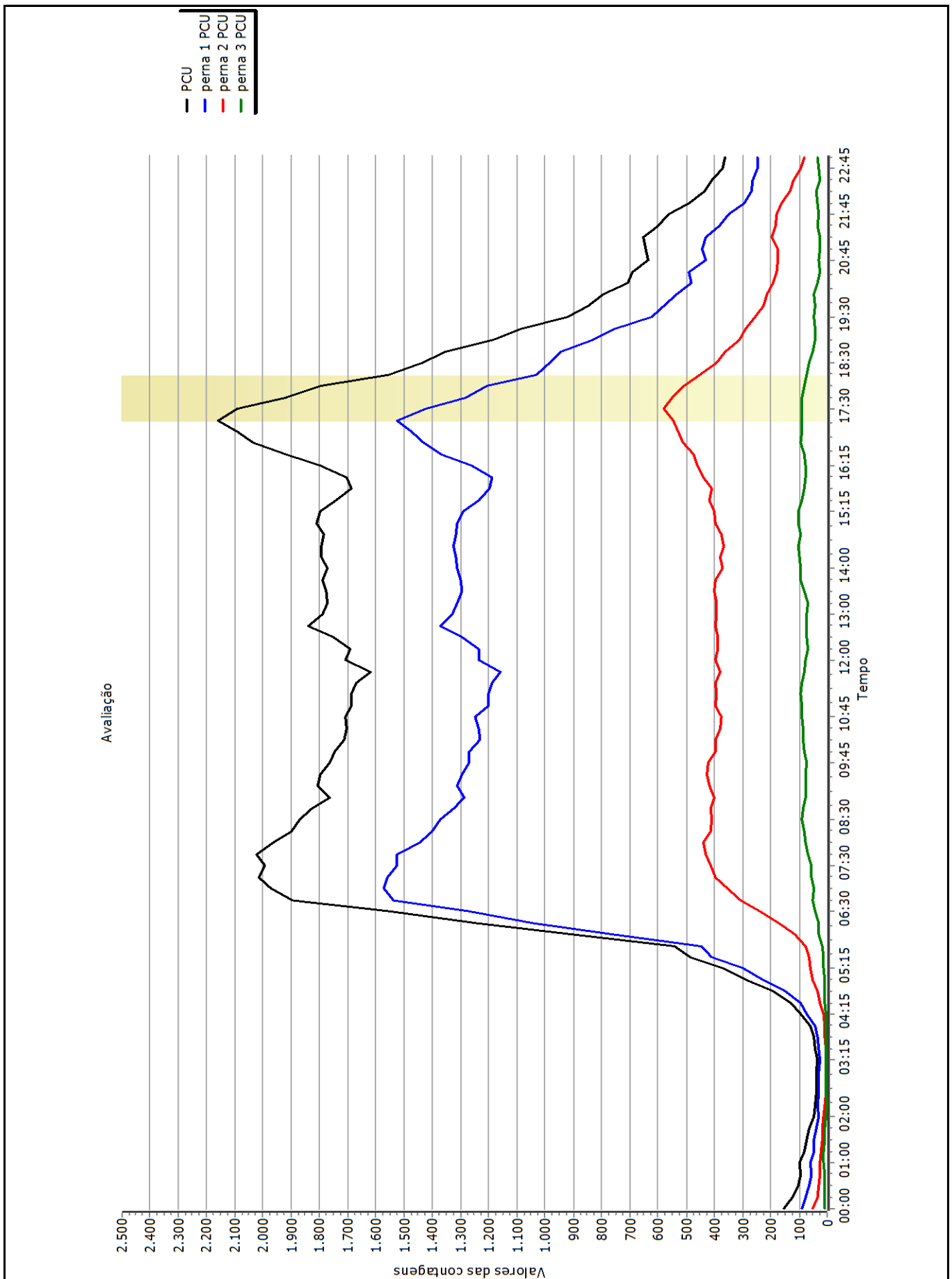


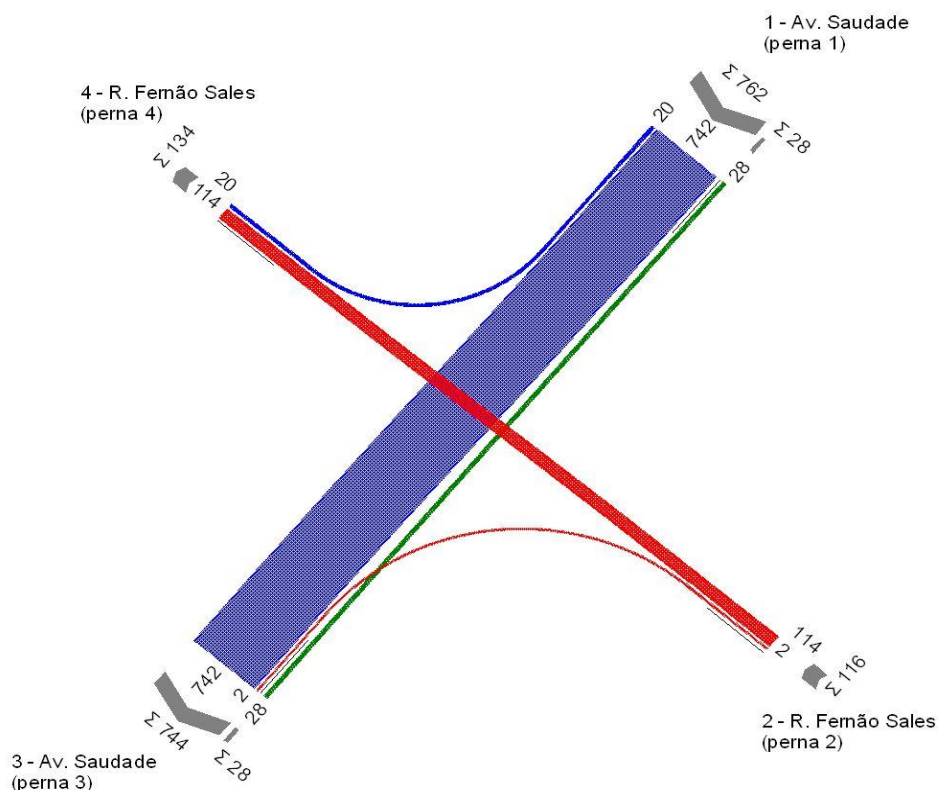
Diagrama de Fluxos

241 - Av. Saudade X R. Fernão Sales

Contagem De 15/10/2018 as 20h00 até 16/10/2018 as 20h00
 Valor horário máximo 06:00 - 07:00
 On the basis of a time period 15.10.2018 06:00 - 15.10.2018 07:00
 906 PCU

De \ Para	1	2	3	4
1			742	20
2			2	114
3	28			
4				

20
 100
 700



Contagem De 15/10/2018 as 20h00 até 16/10/2018 as 20h00
 Valor horário máximo 07:00 - 08:00
 On the basis of a time period 15.10.2018 07:00 - 15.10.2018 08:00
 1970 PCU

De \ Para	1	2	3	4
1			1519	50
2	88		12	253
3	48			
4				

100
 500
 1000

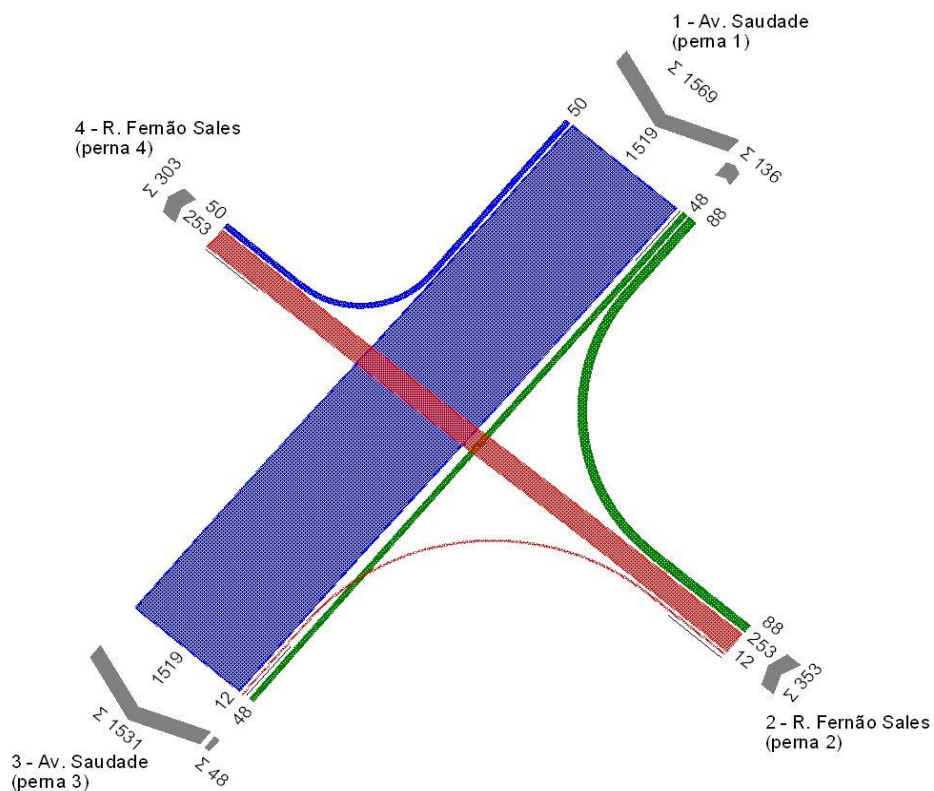
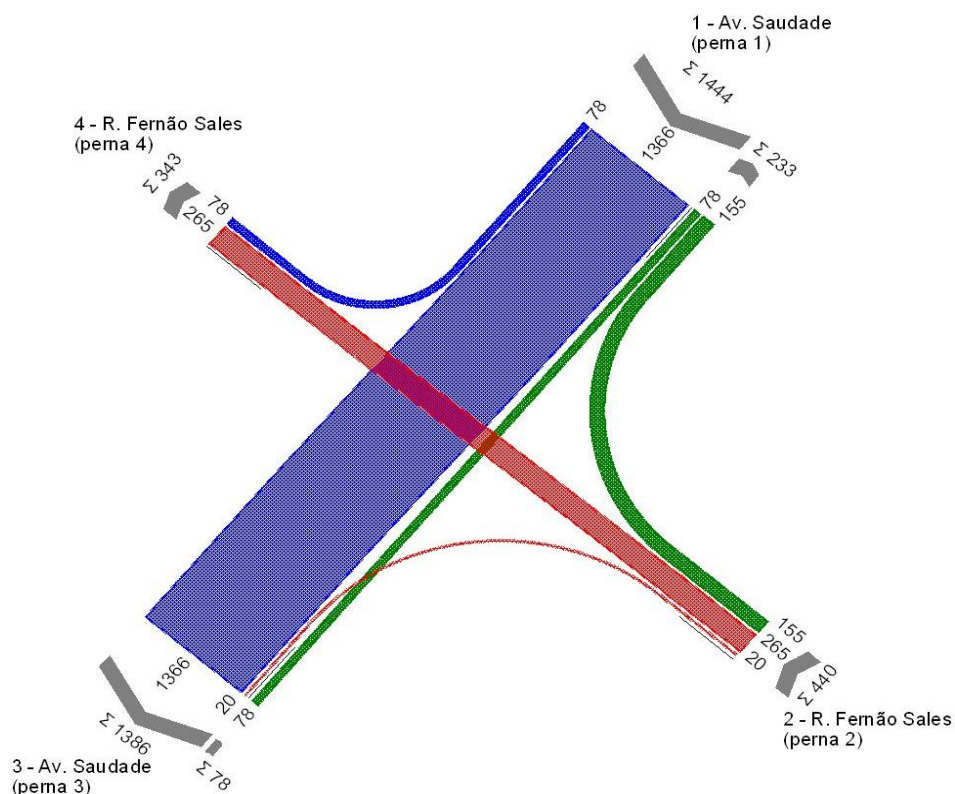
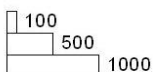


Diagrama de Fluxos 241 - Av. Saudade X R. Fernão Sales

Contagem De 15/10/2018 as 20h00 até 16/10/2018 as 20h00
Valor horário máximo 08:00 - 09:00
On the basis of a time period 15.10.2018 08:00 - 15.10.2018 09:00
1962 PCU

De \ Para	1	2	3	4
1			1366	78
2	155		20	265
3	78			
4				



Contagem De 15/10/2018 as 20h00 até 16/10/2018 as 20h00
Valor horário máximo 09:00 - 10:00
On the basis of a time period 15.10.2018 09:00 - 15.10.2018 10:00
1762 PCU

De \ Para	1	2	3	4
1			1216	69
2	154		39	208
3	76			
4				

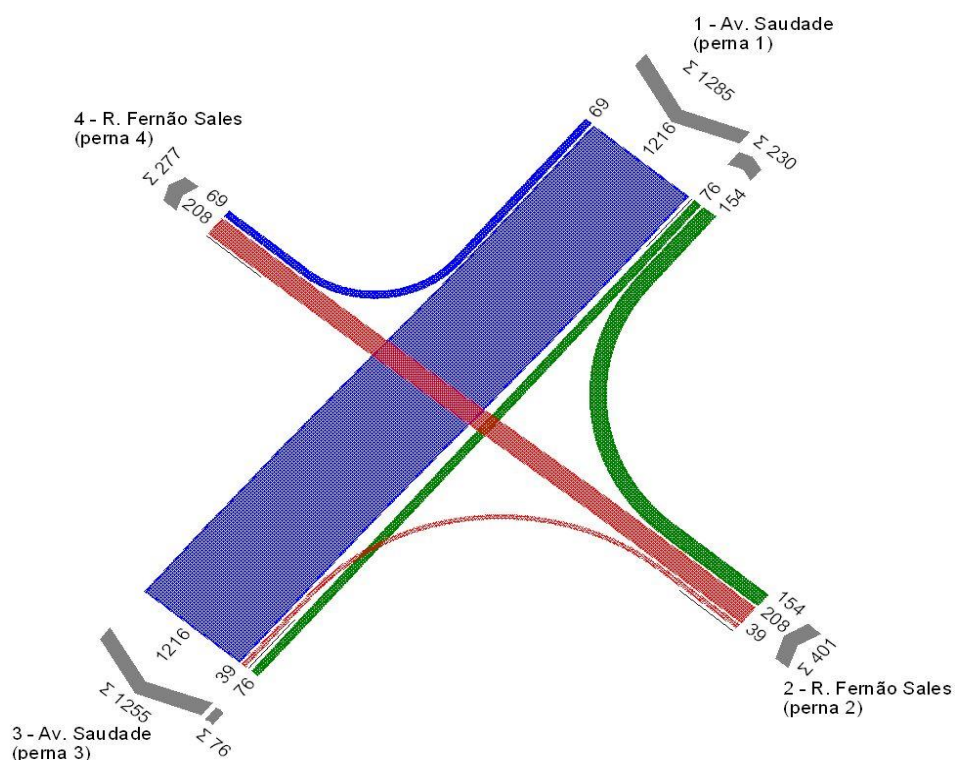
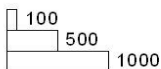
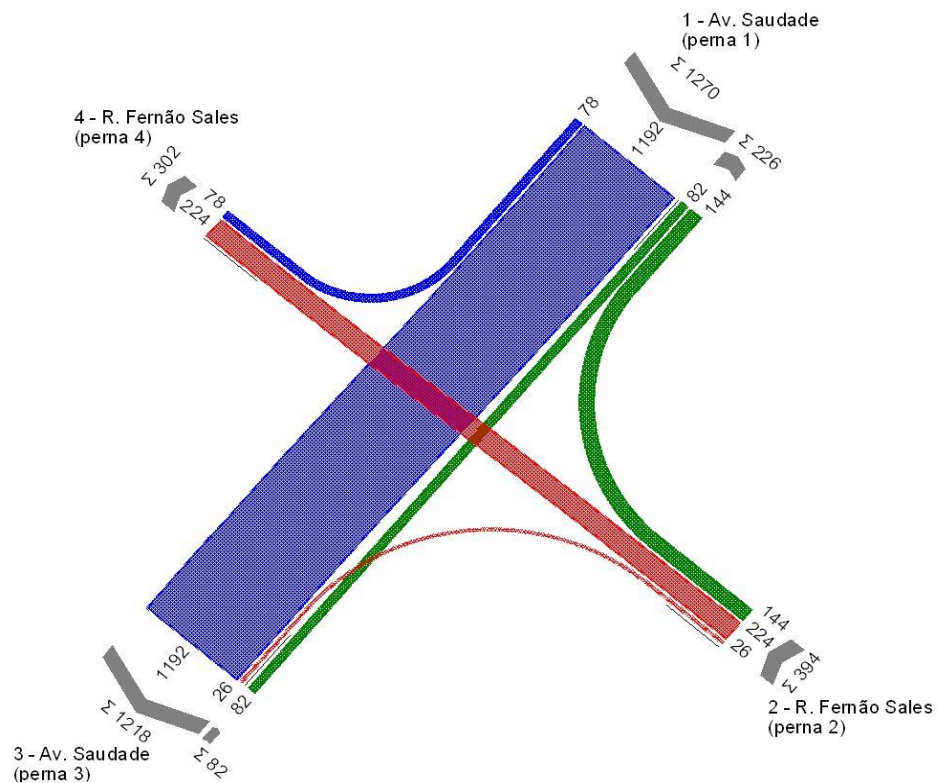
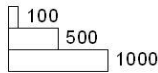


Diagrama de Fluxos 241 - Av. Saudade X R. Fernão Sales

Contagem De 15/10/2018 as 20h00 até 16/10/2018 as 20h00
 Valor horário máximo 10:00 - 11:00
 On the basis of a time period 15.10.2018 10:00 - 15.10.2018 11:00
 1746 PCU

De \ Para	1	2	3	4
1			1192	78
2	144		26	224
3	82			
4				



Contagem De 15/10/2018 as 20h00 até 16/10/2018 as 20h00
 Valor horário máximo 11:00 - 12:00
 On the basis of a time period 15.10.2018 11:00 - 15.10.2018 12:00
 1689 PCU

De \ Para	1	2	3	4
1			1130	70
2	144		32	222
3	91			
4				

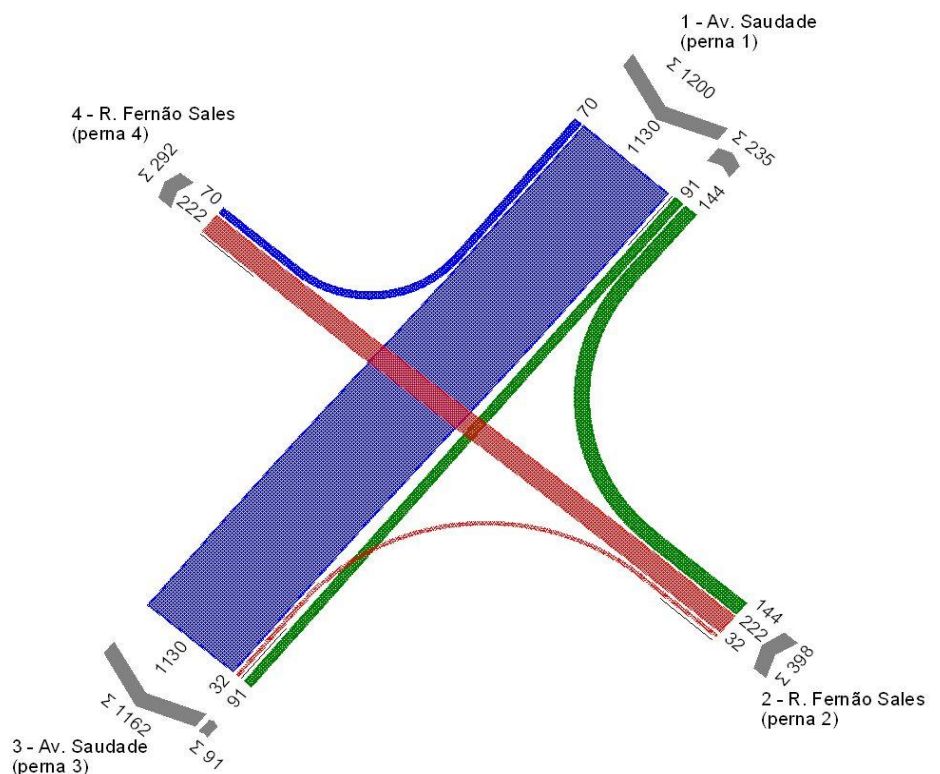
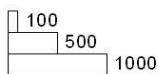
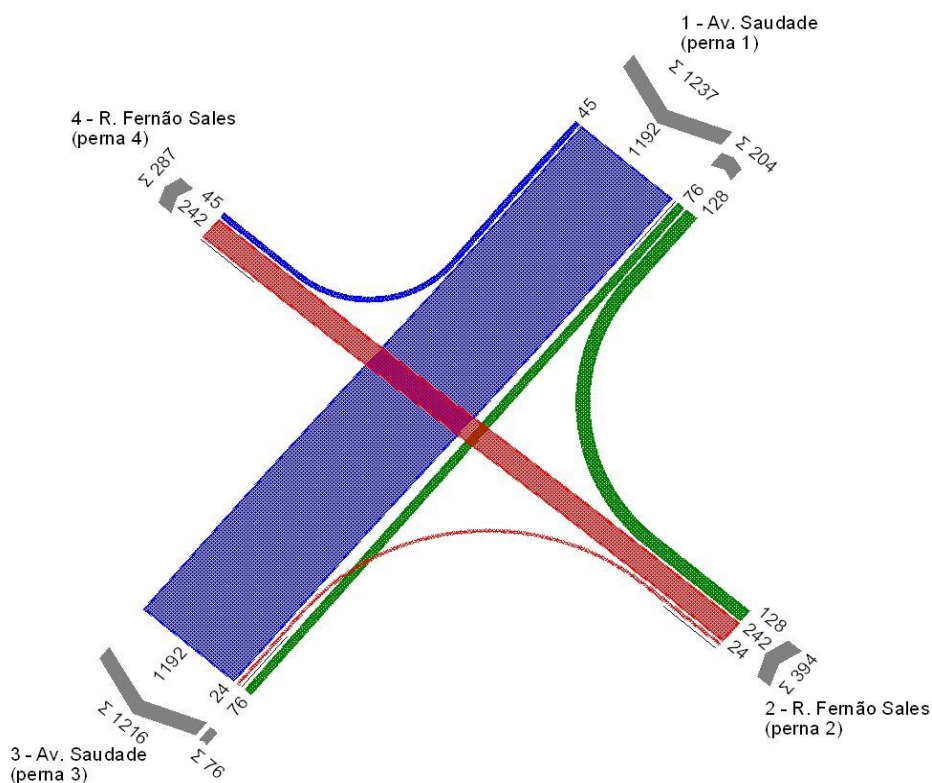
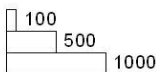


Diagrama de Fluxos 241 - Av. Saudade X R. Fernão Sales

Contagem De 15/10/2018 as 20h00 até 16/10/2018 as 20h00
Valor horário máximo 12:00 - 13:00
On the basis of a time period 15.10.2018 12:00 - 15.10.2018 13:00
1707 PCU

De \ Para	1	2	3	4
1			1192	45
2	128		24	242
3	76			
4				



Contagem De 15/10/2018 as 20h00 até 16/10/2018 as 20h00
Valor horário máximo 13:00 - 14:00
On the basis of a time period 15.10.2018 13:00 - 15.10.2018 14:00
1790 PCU

De \ Para	1	2	3	4
1			1258	70
2	136		22	232
3	72			
4				

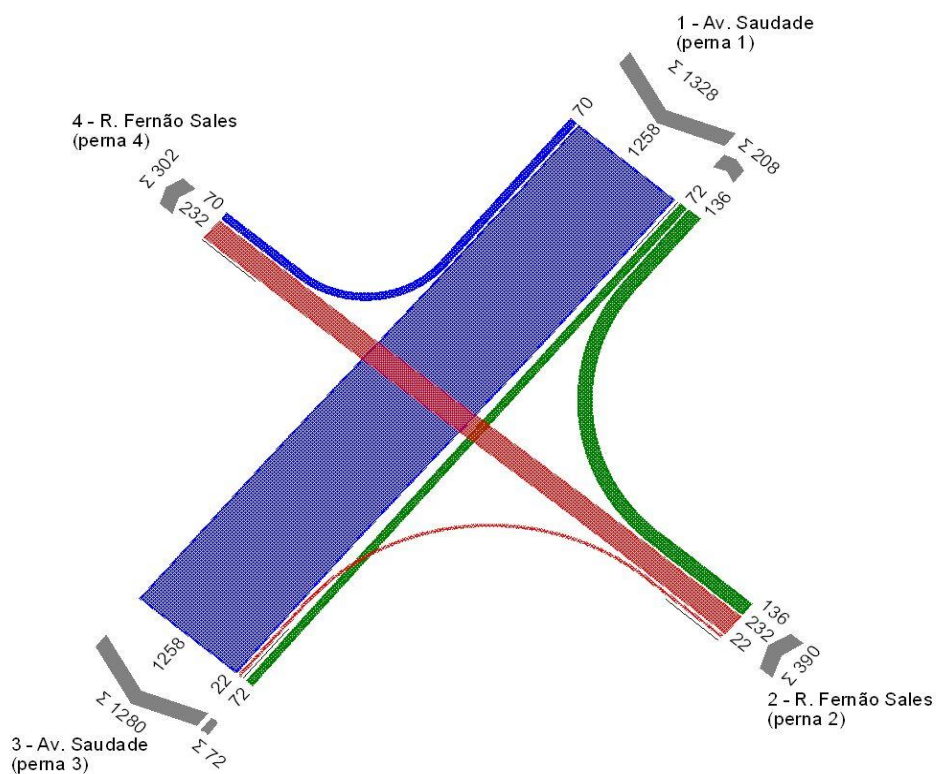
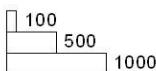
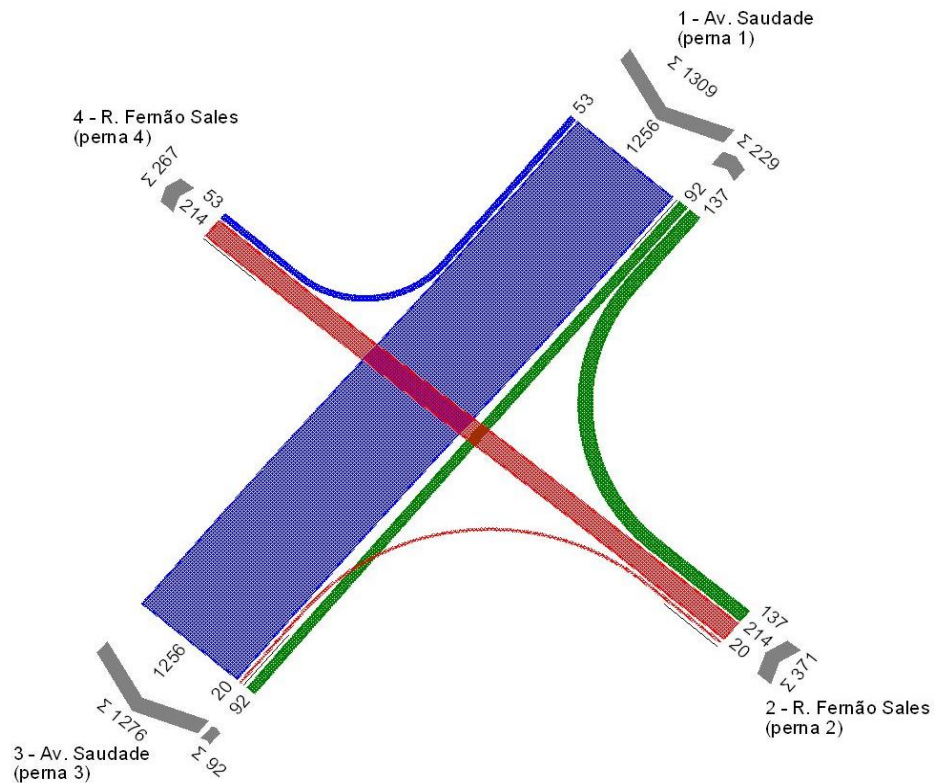
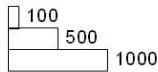


Diagrama de Fluxos 241 - Av. Saudade X R. Fernão Sales

Contagem De 15/10/2018 as 20h00 até 16/10/2018 as 20h00
 Valor horário máximo 14:00 - 15:00
 On the basis of a time period 15.10.2018 14:00 - 15.10.2018 15:00
 1772 PCU

De \ Para	1	2	3	4
1			1256	53
2	137		20	214
3	92			
4				



Contagem De 15/10/2018 as 20h00 até 16/10/2018 as 20h00
 Valor horário máximo 15:00 - 16:00
 On the basis of a time period 15.10.2018 15:00 - 15.10.2018 16:00
 1810 PCU

De \ Para	1	2	3	4
1			1246	65
2	152		26	218
3	103			
4				

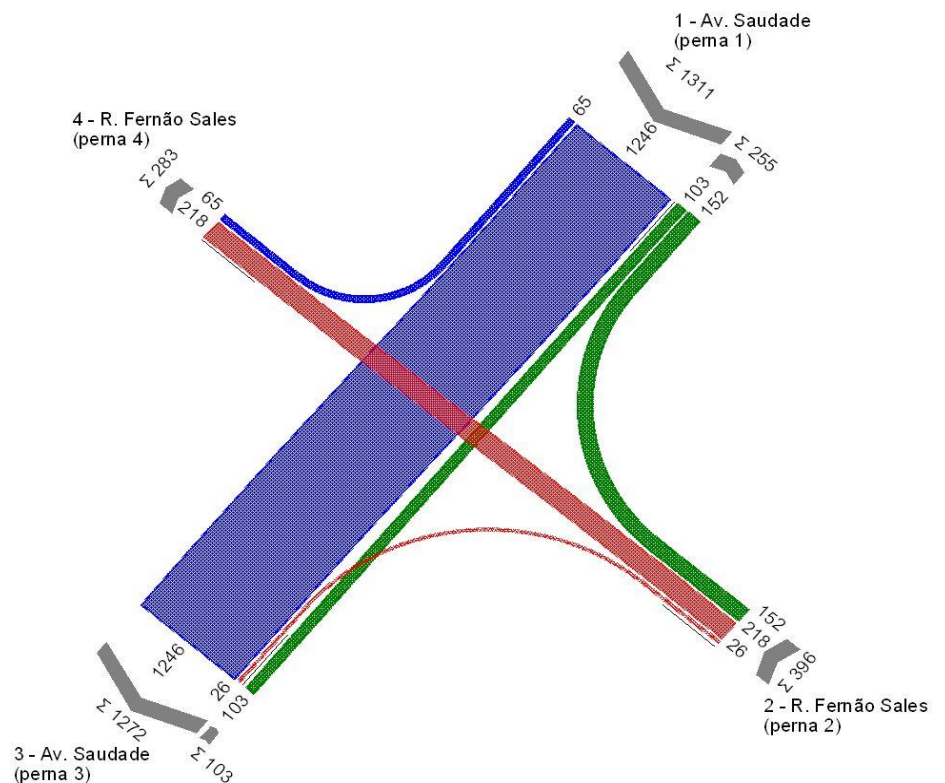
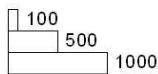
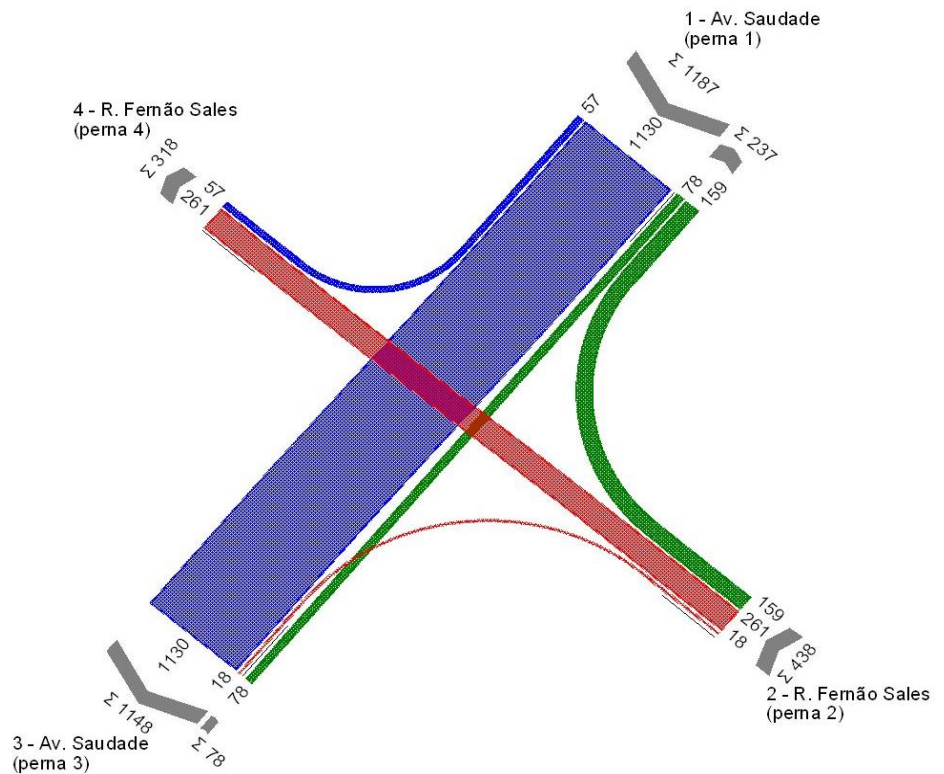
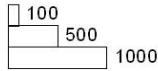


Diagrama de Fluxos 241 - Av. Saudade X R. Fernão Sales

Contagem De 15/10/2018 as 20h00 até 16/10/2018 as 20h00
 Valor horário máximo 16:00 - 17:00
 On the basis of a time period 15.10.2018 16:00 - 15.10.2018 17:00
 1703 PCU

De \ Para	1	2	3	4
1			1130	57
2	159		18	261
3	78			
4				



Contagem De 15/10/2018 as 20h00 até 16/10/2018 as 20h00
 Valor horário máximo 17:00 - 18:00
 On the basis of a time period 15.10.2018 17:00 - 15.10.2018 18:00
 2093 PCU

De \ Para	1	2	3	4
1			1394	78
2	146		14	370
3	91			
4				

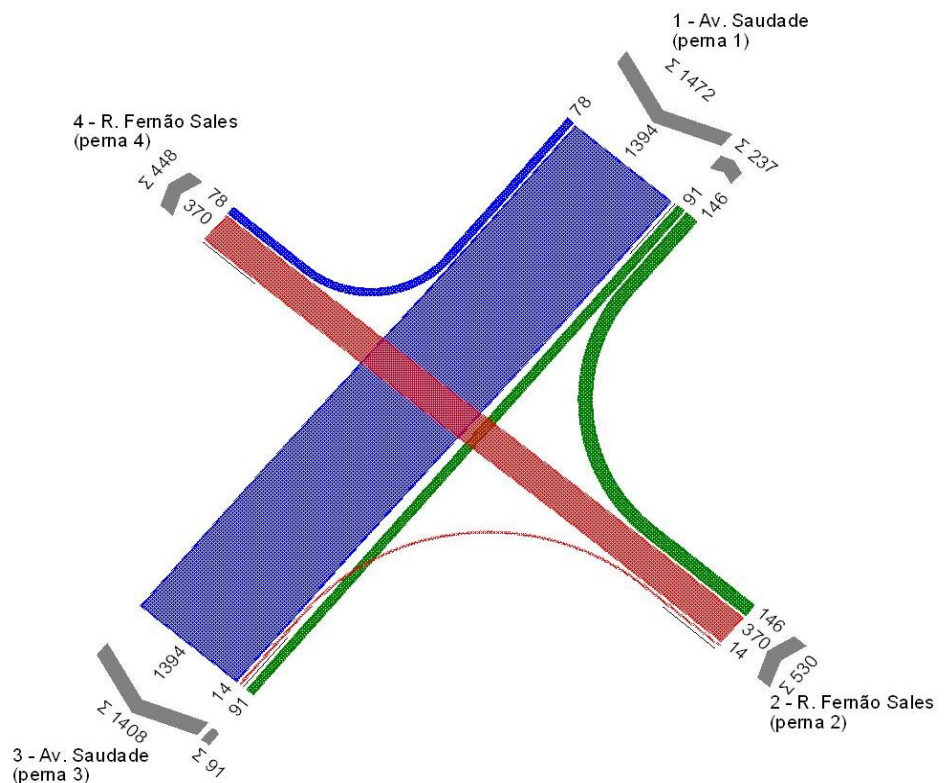
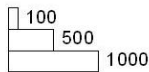
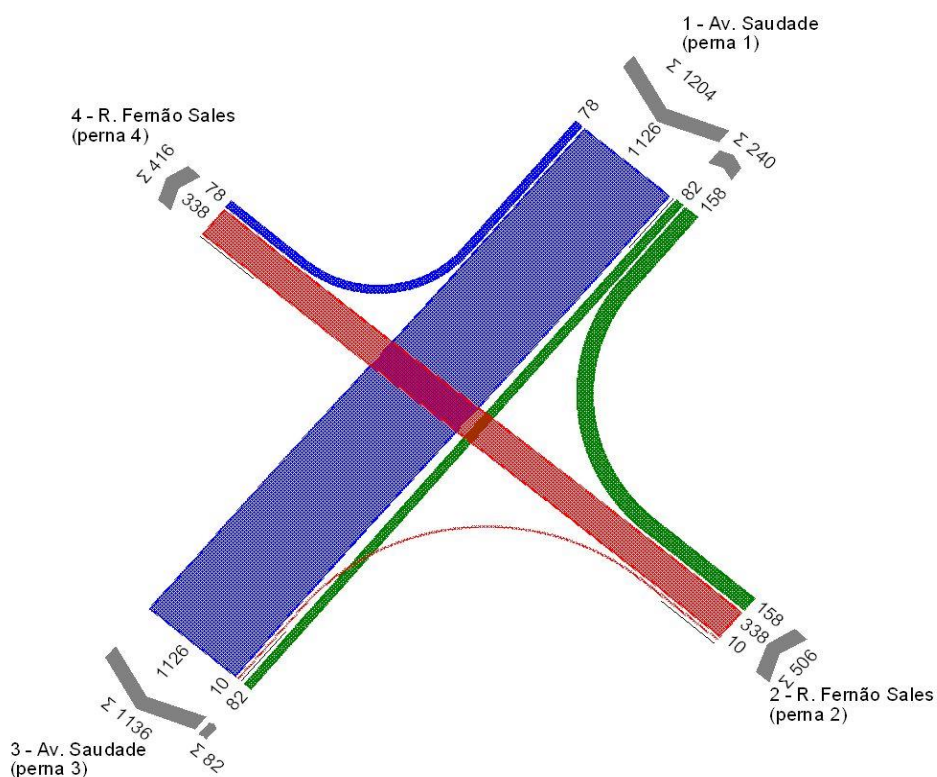
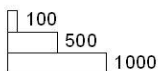


Diagrama de Fluxos 241 - Av. Saudade X R. Fernão Sales

Contagem De 15/10/2018 as 20h00 até 16/10/2018 as 20h00
 Valor horário máximo 18:00 - 19:00
 On the basis of a time period 15.10.2018 18:00 - 15.10.2018 19:00
 1792 PCU

De \ Para	1	2	3	4
1			1126	78
2	158		10	338
3	82			
4				



Contagem De 15/10/2018 as 20h00 até 16/10/2018 as 20h00
 Valor horário máximo 19:00 - 20:00
 On the basis of a time period 15.10.2018 19:00 - 15.10.2018 20:00
 1186 PCU

De \ Para	1	2	3	4
1			796	32
2	114		4	196
3	44			
4				

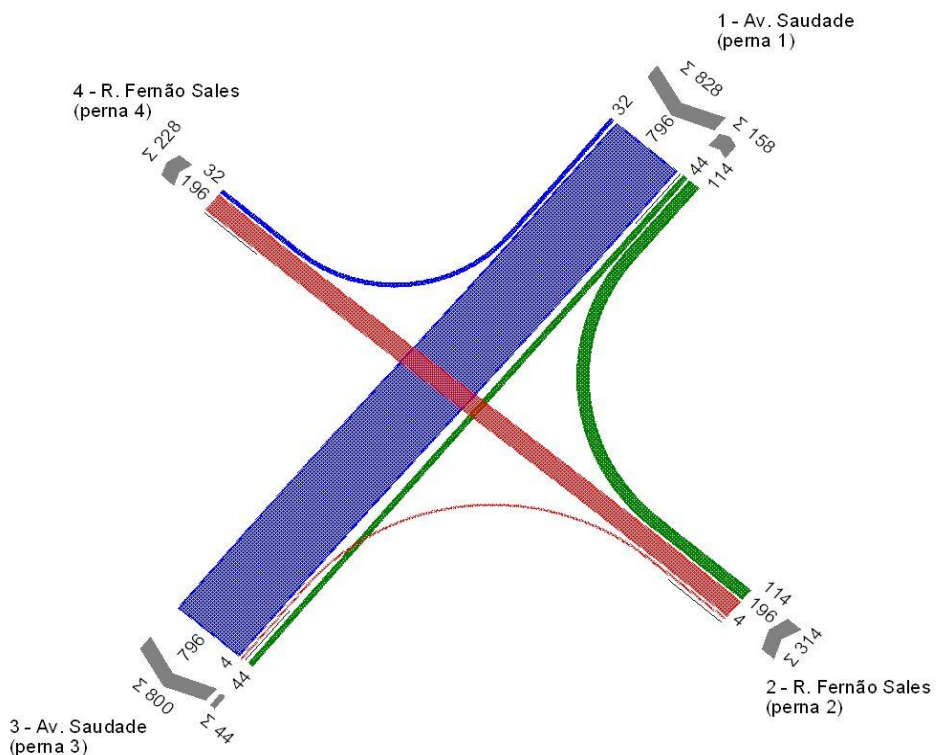
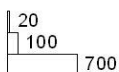
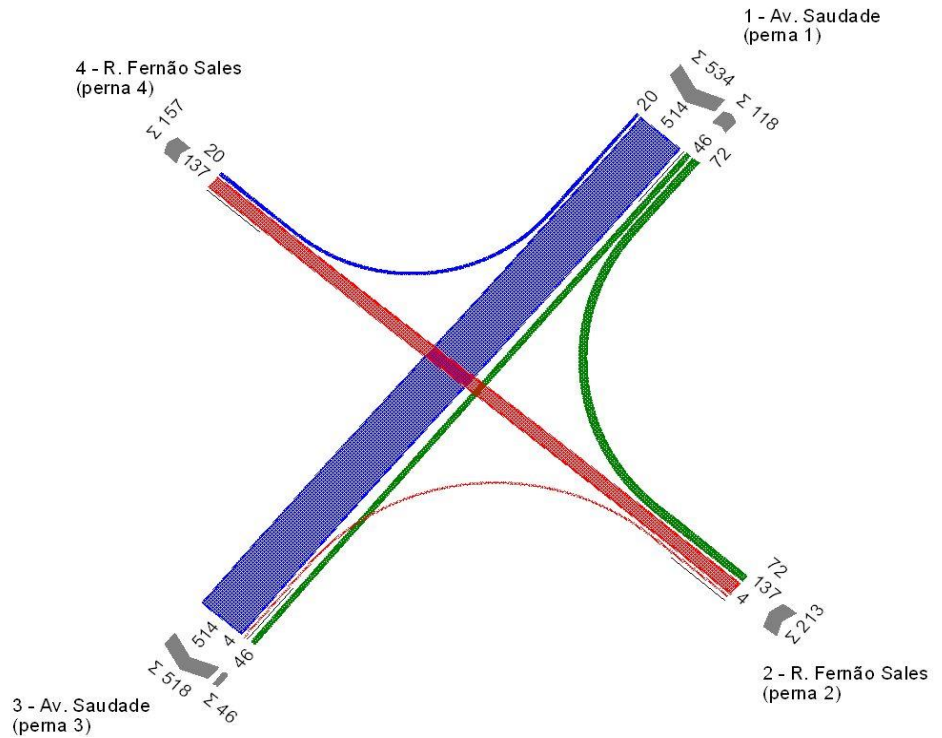
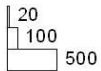


Diagrama de Fluxos 241 - Av. Saudade X R. Fernão Sales

Contagem De 15/10/2018 as 20h00 até 16/10/2018 as 20h00
 Valor horário máximo 20:00 - 21:00
 On the basis of a time period 15.10.2018 20:00 - 15.10.2018 21:00
 793 PCU

De \ Para	1	2	3	4
1			514	20
2	72		4	137
3	46			
4				



Contagem De 15/10/2018 as 20h00 até 16/10/2018 as 20h00
 Valor horário máximo 21:00 - 22:00
 On the basis of a time period 15.10.2018 21:00 - 15.10.2018 22:00
 643 PCU

De \ Para	1	2	3	4
1			415	26
2	80		1	96
3	25			
4				

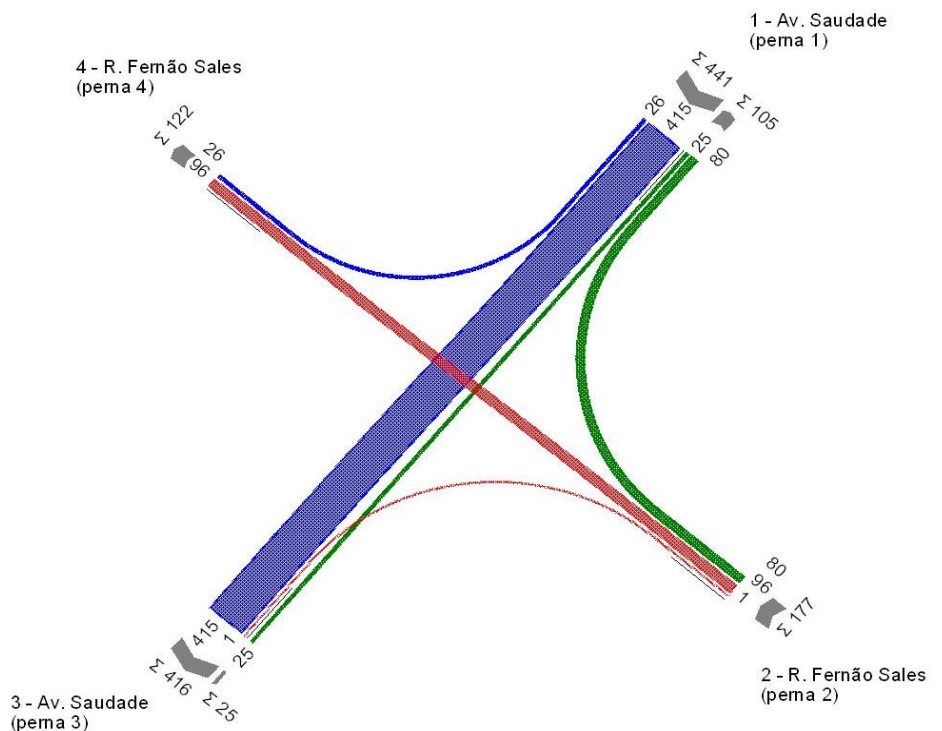
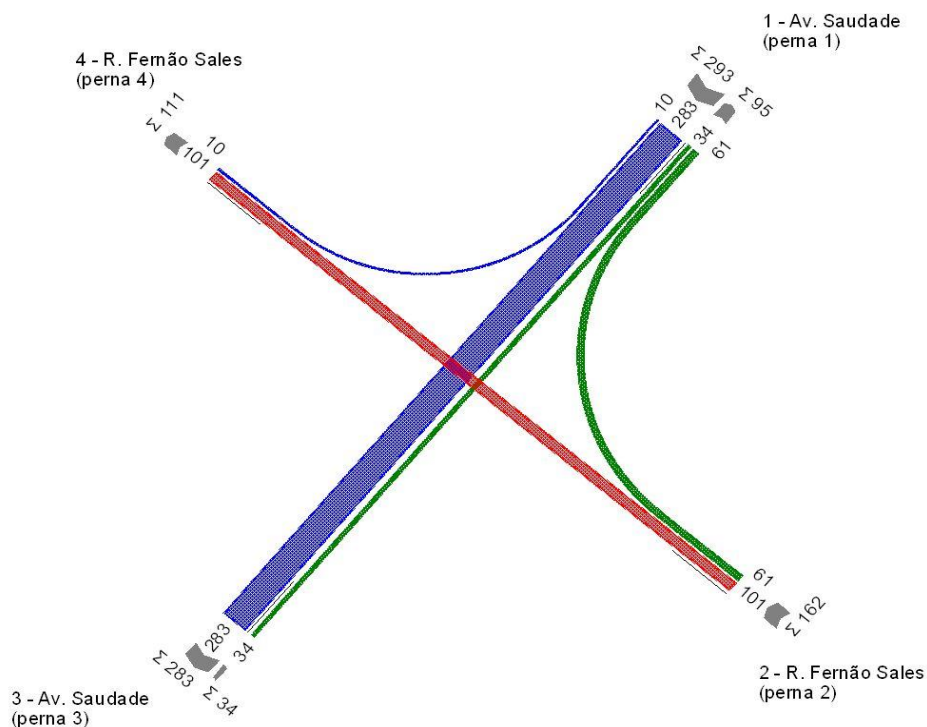


Diagrama de Fluxos 241 - Av. Saudade X R. Fernão Sales

Contagem De 15/10/2018 as 20h00 até 16/10/2018 as 20h00
 Valor horário máximo 22:00 - 23:00
 On the basis of a time period 15.10.2018 22:00 - 15.10.2018 23:00
 489 PCU

De \ Para	1	2	3	4
1			283	10
2	61			101
3	34			
4				

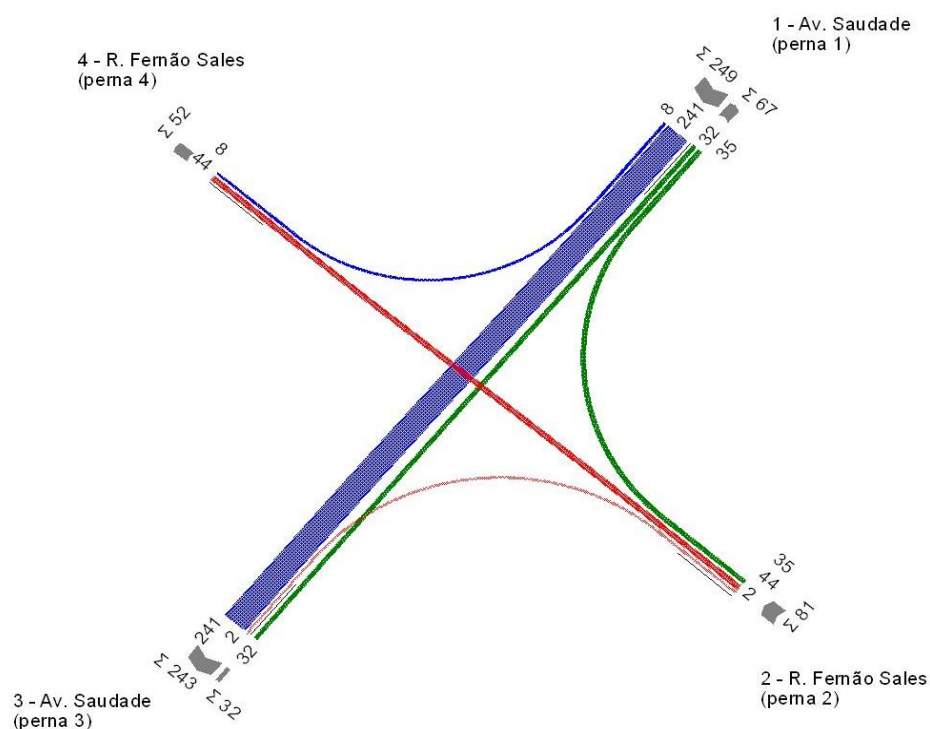
20
 100
 200



Contagem De 15/10/2018 as 20h00 até 16/10/2018 as 20h00
 Valor horário máximo 23:00 - 00:00
 On the basis of a time period 15.10.2018 23:00 - 16.10.2018 00:00
 362 PCU

De \ Para	1	2	3	4
1			241	8
2	35		2	44
3	32			
4				

20
 100
 200



PCU

241 - Av. Saudade X R. Fernão Sales

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

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

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

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

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

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

Movimentos Contados

1 > 3 Av. Saudade em frente



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	64	18	0	5	0	83	87
1:00	2:00	42	18	1	1	0	56	62
2:00	3:00	18	8	2	1	0	29	29
3:00	4:00	20	10	0	0	0	25	30
4:00	5:00	26	7	2	2	0	39	37
5:00	6:00	112	90	7	20	0	215	229
6:00	7:00	495	243	12	48	0	743	798
7:00	8:00	1015	619	29	61	0	1519	1724
8:00	9:00	912	486	47	47	0	1367	1492
9:00	10:00	865	335	51	28	0	1216	1279
10:00	11:00	815	367	51	33	0	1192	1266
11:00	12:00	802	379	29	33	0	1130	1243

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	850	430	25	32	0	1192	1337
13:00	14:00	899	435	31	32	0	1258	1397
14:00	15:00	890	394	43	31	0	1257	1358
15:00	16:00	850	440	43	34	0	1246	1367
16:00	17:00	808	340	37	30	0	1131	1215
17:00	18:00	960	534	34	41	0	1394	1569
18:00	19:00	795	436	17	35	0	1126	1283
19:00	20:00	598	213	12	31	0	797	854
20:00	21:00	385	147	4	23	0	515	559
21:00	22:00	290	127	7	22	0	415	446
22:00	23:00	191	87	1	23	0	283	302
23:00	0:00	156	60	6	20	0	241	242

Movimento Contado

1 > 3

Av. Saudade 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	22	8	0	3	0	32	83	33	12:00	12:15	201	131	8	8	0	303	1192	348
0:15	0:30	19	4	0	0	0	21		23	12:15	12:30	189	104	7	7	0	273		307
0:30	0:45	12	4	0	2	0	18		18	12:30	12:45	207	89	4	6	0	274		306
0:45	1:00	11	2	0	0	0	12		13	12:45	13:00	253	106	6	11	0	343		376
1:00	1:15	14	8	0	0	0	18	56	22	13:00	13:15	216	100	6	9	0	299	1258	331
1:15	1:30	4	5	0	0	0	7		9	13:15	13:30	239	111	8	7	0	329		365
1:30	1:45	12	2	0	0	0	13		14	13:30	13:45	243	123	5	10	0	337		381
1:45	2:00	12	3	1	1	0	18		17	13:45	14:00	201	101	12	6	0	294		320
2:00	2:15	3	1	0	0	0	4	29	4	14:00	14:15	206	94	8	7	0	287	1257	315
2:15	2:30	5	1	2	0	0	11		8	14:15	14:30	212	91	15	8	0	311		326
2:30	2:45	4	2	0	0	0	5		6	14:30	14:45	247	111	11	9	0	348		378
2:45	3:00	6	4	0	1	0	10		11	14:45	15:00	225	98	9	7	0	311		339
3:00	3:15	3	4	0	0	0	5	25	7	15:00	15:15	199	114	8	5	0	286	1246	326
3:15	3:30	7	2	0	0	0	8		9	15:15	15:30	225	104	9	8	0	316		346
3:30	3:45	2	3	0	0	0	4		5	15:30	15:45	219	123	13	13	0	339		368
3:45	4:00	8	1	0	0	0	9		9	15:45	16:00	207	99	13	8	0	305		327
4:00	4:15	1	3	0	0	0	3	39	4	16:00	16:15	190	93	7	10	0	274	1131	300
4:15	4:30	6	2	1	1	0	12		10	16:15	16:30	203	77	7	4	0	267		291
4:30	4:45	7	2	0	0	0	8		9	16:30	16:45	202	80	12	11	0	294		305
4:45	5:00	12	0	1	1	0	17		14	16:45	17:00	213	90	11	5	0	296		319
5:00	5:15	12	9	3	3	0	30	215	27	17:00	17:15	241	116	11	7	0	341	1394	375
5:15	5:30	16	8	2	3	0	31		29	17:15	17:30	255	138	6	13	0	365		412
5:30	5:45	28	27	1	7	0	58		63	17:30	17:45	251	145	6	8	0	355		410
5:45	6:00	56	46	1	7	0	96		110	17:45	18:00	213	135	11	13	0	334		372
6:00	6:15	68	38	0	8	0	103	743	114	18:00	18:15	258	175	2	10	0	371	1126	445
6:15	6:30	82	47	1	16	0	140		146	18:15	18:30	192	108	4	8	0	272		312
6:30	6:45	67	31	1	6	0	97		105	18:30	18:45	156	69	6	10	0	226		241
6:45	7:00	278	127	10	18	0	403		433	18:45	19:00	189	84	5	7	0	258		285
7:00	7:15	262	115	7	16	0	369	1519	400	19:00	19:15	175	68	1	10	0	232	797	254
7:15	7:30	252	128	9	15	0	369		404	19:15	19:30	168	60	5	10	0	231		243
7:30	7:45	242	143	5	15	0	356		405	19:30	19:45	147	41	3	7	0	189		198
7:45	8:00	259	233	8	15	0	426		515	19:45	20:00	108	44	3	4	0	146		159
8:00	8:15	215	145	12	14	0	346	1367	386	20:00	20:15	117	33	1	9	0	154	515	160
8:15	8:30	215	111	9	13	0	319		348	20:15	20:30	77	35	1	3	0	103		116
8:30	8:45	237	116	16	9	0	353		378	20:30	20:45	116	49	0	6	0	153		171
8:45	9:00	245	114	10	11	0	349		380	20:45	21:00	75	30	2	5	0	105		112
9:00	9:15	222	95	8	7	0	304	1216	332	21:00	21:15	71	31	2	4	0	100	415	108
9:15	9:30	214	76	16	7	0	306		313	21:15	21:30	73	35	1	6	0	105		115
9:30	9:45	209	73	16	9	0	304		307	21:30	21:45	62	28	2	7	0	95		99
9:45	10:00	220	91	11	5	0	303		327	21:45	22:00	84	33	2	5	0	116		124
10:00	10:15	230	100	9	13	0	329	1192	352	22:00	22:15	61	31	0	9	0	95	283	101
10:15	10:30	199	95	10	4	0	280		308	22:15	22:30	38	25	1	5	0	63		69
10:30	10:45	178	96	16	8	0	282		298	22:30	22:45	50	18	0	4	0	67		72
10:45	11:00	208	76	16	8	0	302		308	22:45	23:00	42	13	0	5	0	59		60
11:00	11:15	199	102	9	11	0	295	1130	321	23:00	23:15	41	25	1	6	0	68	241	73
11:15	11:30	209	97	9	6	0	292		321	23:15	23:30	39	19	2	3	0	60		63
11:30	11:45	218	97	6	7	0	296		328	23:30	23:45	37	8	2	3	0	52		50
11:45	12:00	176	83	5	9	0	248		273	23:45	0:00	39	8	1	8	0	62		56

Movimento Contado

1 > 4 Av. Saudade conv à R. Fernão Sales



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	3	4	1	0	0	8	8
1:00	2:00	4	2	0	0	0	5	6
2:00	3:00	1	0	0	0	0	1	1
3:00	4:00	2	0	1	0	0	5	3
4:00	5:00	2	0	1	0	0	5	3
5:00	6:00	9	3	0	0	0	11	12
6:00	7:00	14	6	1	0	0	20	21
7:00	8:00	42	8	1	1	0	51	52
8:00	9:00	59	18	4	0	0	78	81
9:00	10:00	44	15	7	0	0	69	66
10:00	11:00	49	24	7	0	0	79	80
11:00	12:00	52	15	4	0	0	70	71

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	31	13	3	0	0	45	47
13:00	14:00	55	10	4	0	0	70	69
14:00	15:00	37	17	3	0	0	53	57
15:00	16:00	52	16	2	0	0	65	70
16:00	17:00	44	16	2	0	0	57	62
17:00	18:00	61	24	2	0	0	78	87
18:00	19:00	61	20	2	1	0	78	84
19:00	20:00	24	12	1	0	0	33	37
20:00	21:00	17	6	0	0	0	20	23
21:00	22:00	22	9	0	0	0	27	31
22:00	23:00	8	3	0	0	0	10	11
23:00	0:00	7	2	0	0	0	8	9

Movimento Contado

1 > 4

Av. Saudade conv à R. Fernão Sales

Fluxo veicular a cada 15 minutos

Período Manhã										Período Tarde									
Período de até		Car	Moto	Truck	Bus	-	PCU	VEC		Período de até		Car	Moto	Truck	Bus	-	PCU	VEC	
0:00	0:15	1	2	0	0	0	2	8	3	12:00	12:15	9	3	1	0	0	13	45	13
0:15	0:30	0	0	0	0	0	0		0	12:15	12:30	8	4	1	0	0	13		13
0:30	0:45	1	2	1	0	0	5		4	12:30	12:45	5	3	0	0	0	7		8
0:45	1:00	1	0	0	0	0	1		1	12:45	13:00	9	3	1	0	0	13		13
1:00	1:15	1	0	0	0	0	1	5	1	13:00	13:15	12	3	0	0	0	14	70	15
1:15	1:30	3	2	0	0	0	4		5	13:15	13:30	15	2	0	0	0	16		17
1:30	1:45	0	0	0	0	0	0		0	13:30	13:45	16	2	1	0	0	20		19
1:45	2:00	0	0	0	0	0	0		0	13:45	14:00	12	3	3	0	0	21		18
2:00	2:15	0	0	0	0	0	0	1	0	14:00	14:15	5	5	0	0	0	8	53	10
2:15	2:30	0	0	0	0	0	0		0	14:15	14:30	13	4	1	0	0	18		18
2:30	2:45	1	0	0	0	0	1		1	14:30	14:45	12	6	0	0	0	15		18
2:45	3:00	0	0	0	0	0	0		0	14:45	15:00	7	2	2	0	0	13		11
3:00	3:15	1	0	0	0	0	1	5	1	15:00	15:15	11	5	1	0	0	16	65	17
3:15	3:30	0	0	0	0	0	0		0	15:15	15:30	17	5	1	0	0	22		23
3:30	3:45	0	0	1	0	0	3		1	15:30	15:45	13	3	0	0	0	15		16
3:45	4:00	1	0	0	0	0	1		1	15:45	16:00	11	3	0	0	0	13		14
4:00	4:15	0	0	0	0	0	0	5	0	16:00	16:15	5	1	1	0	0	8	57	7
4:15	4:30	1	0	0	0	0	1		1	16:15	16:30	13	7	0	0	0	17		20
4:30	4:45	0	0	0	0	0	0		0	16:30	16:45	14	4	1	0	0	19		19
4:45	5:00	1	0	1	0	0	4		2	16:45	17:00	12	4	0	0	0	14		16
5:00	5:15	2	2	0	0	0	3	11	4	17:00	17:15	13	5	0	0	0	16	78	18
5:15	5:30	2	0	0	0	0	2		2	17:15	17:30	16	7	1	0	0	22		24
5:30	5:45	4	0	0	0	0	4		4	17:30	17:45	19	9	1	0	0	26		29
5:45	6:00	1	1	0	0	0	2		2	17:45	18:00	13	3	0	0	0	15		16
6:00	6:15	1	2	0	0	0	2	20	3	18:00	18:15	32	11	1	0	0	40	78	44
6:15	6:30	3	0	1	0	0	6		4	18:15	18:30	8	4	0	1	0	12		13
6:30	6:45	3	0	0	0	0	3		3	18:30	18:45	11	2	1	0	0	15		14
6:45	7:00	7	4	0	0	0	9		11	18:45	19:00	10	3	0	0	0	12		13
7:00	7:15	10	3	0	0	0	12	51	13	19:00	19:15	6	2	0	0	0	7	33	8
7:15	7:30	9	2	0	0	0	10		11	19:15	19:30	5	4	0	0	0	7		9
7:30	7:45	10	3	0	0	0	12		13	19:30	19:45	6	2	1	0	0	10		9
7:45	8:00	13	0	1	1	0	18		15	19:45	20:00	7	4	0	0	0	9		11
8:00	8:15	18	6	2	0	0	26	78	26	20:00	20:15	6	3	0	0	0	8	20	9
8:15	8:30	16	4	2	0	0	23		22	20:15	20:30	2	0	0	0	0	2		2
8:30	8:45	14	4	0	0	0	16		18	20:30	20:45	7	1	0	0	0	8		8
8:45	9:00	11	4	0	0	0	13		15	20:45	21:00	2	2	0	0	0	3		4
9:00	9:15	14	6	3	0	0	25	69	23	21:00	21:15	6	4	0	0	0	8	27	10
9:15	9:30	3	3	1	0	0	7		7	21:15	21:30	6	3	0	0	0	8		9
9:30	9:45	14	1	2	0	0	20		17	21:30	21:45	5	2	0	0	0	6		7
9:45	10:00	13	5	1	0	0	18		19	21:45	22:00	5	0	0	0	0	5		5
10:00	10:15	14	10	2	0	0	24	79	26	22:00	22:15	1	1	0	0	0	2	10	2
10:15	10:30	9	6	2	0	0	17		17	22:15	22:30	3	0	0	0	0	3		3
10:30	10:45	9	5	2	0	0	17		16	22:30	22:45	1	1	0	0	0	2		2
10:45	11:00	17	3	1	0	0	21		21	22:45	23:00	3	1	0	0	0	4		4
11:00	11:15	10	6	2	0	0	18	70	18	23:00	23:15	3	1	0	0	0	4	8	4
11:15	11:30	8	1	0	0	0	9		9	23:15	23:30	1	1	0	0	0	2		2
11:30	11:45	10	3	1	0	0	14		14	23:30	23:45	1	0	0	0	0	1		1
11:45	12:00	24	5	1	0	0	29		30	23:45	0:00	2	0	0	0	0	2		2

Movimento Contado

2 > 1 R. Fernão Sales conv à dir. Av. Saudade



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	10	3	0	8	0	28	21
1:00	2:00	4	1	1	1	0	9	7
2:00	3:00	4	0	0	1	0	6	5
3:00	4:00	1	1	0	1	0	4	3
4:00	5:00	5	1	0	0	0	6	6
5:00	6:00	10	6	1	9	0	34	26
6:00	7:00	0	0	0	0	0	0	0
7:00	8:00	54	15	0	13	0	88	82
8:00	9:00	96	21	5	18	0	155	140
9:00	10:00	97	20	5	17	0	154	139
10:00	11:00	89	21	5	16	0	144	131
11:00	12:00	78	32	4	20	0	144	134

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	72	24	3	18	0	128	117
13:00	14:00	81	24	3	18	0	137	126
14:00	15:00	80	17	5	18	0	137	120
15:00	16:00	98	20	5	16	0	153	139
16:00	17:00	77	28	8	24	0	159	137
17:00	18:00	85	32	1	21	0	146	139
18:00	19:00	82	35	5	23	0	158	145
19:00	20:00	58	21	2	20	0	114	101
20:00	21:00	31	17	0	16	0	72	64
21:00	22:00	39	16	1	15	0	80	71
22:00	23:00	26	6	0	16	0	61	48
23:00	0:00	9	4	0	12	0	35	25

Movimento Contado

2 > 1

R. Fernão Sales conv à dir. Av. Saudade

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	1	0	5	0	15	28	10	12:00	12:15	24	1	1	3	0	33	128	29
0:15	0:30	4	1	0	3	0	11		8	12:15	12:30	16	10	1	5	0	34		32
0:30	0:45	0	1	0	0	0	1		1	12:30	12:45	14	4	0	4	0	24		22
0:45	1:00	2	0	0	0	0	2		2	12:45	13:00	18	9	1	6	0	37		34
1:00	1:15	2	1	0	1	0	5	9	4	13:00	13:15	17	6	1	4	0	31	137	28
1:15	1:30	1	0	1	0	0	4		2	13:15	13:30	24	5	1	4	0	37		34
1:30	1:45	1	0	0	0	0	1		1	13:30	13:45	18	8	1	4	0	33		31
1:45	2:00	0	0	0	0	0	0		0	13:45	14:00	22	5	0	6	0	37		33
2:00	2:15	2	0	0	0	0	2	6	2	14:00	14:15	24	4	2	3	0	37	137	33
2:15	2:30	0	0	0	1	0	2		1	14:15	14:30	21	6	2	4	0	37		33
2:30	2:45	1	0	0	0	0	1		1	14:30	14:45	20	3	1	6	0	36		30
2:45	3:00	1	0	0	0	0	1		1	14:45	15:00	15	4	0	5	0	27		24
3:00	3:15	0	0	0	0	0	0	4	0	15:00	15:15	25	5	1	4	0	38	153	35
3:15	3:30	1	0	0	0	0	1		1	15:15	15:30	17	4	2	3	0	30		26
3:30	3:45	0	1	0	0	0	1		1	15:30	15:45	31	2	1	6	0	47		40
3:45	4:00	0	0	0	1	0	2		1	15:45	16:00	25	9	1	3	0	38		38
4:00	4:15	1	0	0	0	0	1	6	1	16:00	16:15	16	7	3	4	0	35	159	30
4:15	4:30	1	0	0	0	0	1		1	16:15	16:30	25	6	2	4	0	41		37
4:30	4:45	2	0	0	0	0	2		2	16:30	16:45	15	10	1	6	0	35		32
4:45	5:00	1	1	0	0	0	2		2	16:45	17:00	21	5	2	10	0	49		38
5:00	5:15	0	0	0	1	0	2	34	1	17:00	17:15	24	8	0	4	0	36	146	36
5:15	5:30	2	0	1	2	0	9		5	17:15	17:30	15	7	0	5	0	29		27
5:30	5:45	2	2	0	3	0	9		7	17:30	17:45	18	5	1	7	0	37		31
5:45	6:00	6	4	0	3	0	14		13	17:45	18:00	28	12	0	5	0	44		45
6:00	6:15	0	0	0	0	0	0	0	0	18:00	18:15	28	10	2	3	0	44	158	43
6:15	6:30	0	0	0	0	0	0		0	18:15	18:30	26	6	0	5	0	39		37
6:30	6:45	0	0	0	0	0	0		0	18:30	18:45	14	10	1	6	0	34		31
6:45	7:00	0	0	0	0	0	0		0	18:45	19:00	14	9	2	9	0	42		34
7:00	7:15	0	0	0	0	0	0	88	0	19:00	19:15	12	8	1	4	0	27	114	25
7:15	7:30	20	7	0	4	0	32		31	19:15	19:30	15	6	0	7	0	32		28
7:30	7:45	20	3	0	3	0	28		26	19:30	19:45	18	3	1	3	0	28		25
7:45	8:00	14	5	0	6	0	29		25	19:45	20:00	13	4	0	6	0	27		23
8:00	8:15	24	6	1	4	0	38	155	35	20:00	20:15	9	8	0	5	0	23	72	22
8:15	8:30	20	6	2	4	0	36		32	20:15	20:30	12	5	0	2	0	19		19
8:30	8:45	30	4	1	3	0	41		38	20:30	20:45	6	2	0	6	0	19		14
8:45	9:00	22	5	1	7	0	41		35	20:45	21:00	4	2	0	3	0	11		9
9:00	9:15	21	5	0	4	0	32	154	30	21:00	21:15	11	1	0	4	0	20	80	16
9:15	9:30	26	7	2	2	0	39		37	21:15	21:30	8	6	0	3	0	17		17
9:30	9:45	20	2	1	7	0	38		30	21:30	21:45	10	5	1	6	0	27		22
9:45	10:00	30	6	2	4	0	46		42	21:45	22:00	10	4	0	2	0	16		16
10:00	10:15	25	4	0	2	0	31	144	31	22:00	22:15	5	2	0	6	0	18	61	13
10:15	10:30	27	4	2	5	0	44		38	22:15	22:30	9	1	0	1	0	12		11
10:30	10:45	21	8	3	6	0	45		38	22:30	22:45	7	3	0	5	0	19		15
10:45	11:00	16	5	0	3	0	25		24	22:45	23:00	5	0	0	4	0	13		9
11:00	11:15	23	5	3	5	0	43	144	36	23:00	23:15	5	0	0	5	0	15	35	10
11:15	11:30	16	9	1	4	0	31		30	23:15	23:30	2	1	0	2	0	7		5
11:30	11:45	22	10	0	4	0	35		36	23:30	23:45	0	1	0	4	0	9		5
11:45	12:00	17	8	0	7	0	35		32	23:45	0:00	2	2	0	1	0	5		5

Movimento Contado

2 > 3 R. Fernão Sales conv à esq. Av. Saudade



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	0	0	0	0	0	0	0
1:00	2:00	1	0	0	0	0	1	1
2:00	3:00	0	1	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	0	0	0	0	0	0	0
6:00	7:00	2	1	0	0	0	3	3
7:00	8:00	11	1	0	0	0	12	12
8:00	9:00	17	1	1	0	0	20	19
9:00	10:00	32	4	2	0	0	39	38
10:00	11:00	25	2	0	0	0	26	27
11:00	12:00	26	1	2	0	0	32	29

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	19	5	1	0	0	24	25
13:00	14:00	19	5	0	0	0	22	24
14:00	15:00	18	5	0	0	0	21	23
15:00	16:00	22	2	1	0	0	26	25
16:00	17:00	14	2	1	0	0	18	17
17:00	18:00	9	4	1	0	0	14	14
18:00	19:00	6	2	1	0	0	10	9
19:00	20:00	3	1	0	0	0	4	4
20:00	21:00	4	0	0	0	0	4	4
21:00	22:00	1	0	0	0	0	1	1
22:00	23:00	0	0	0	0	0	0	0
23:00	0:00	2	0	0	0	0	2	2

Movimento Contado

2 > 3

R. Fernão Sales conv à esq. Av. Saudade

Fluxo veicular a cada 15 minutos

Período Manhã										Período Tarde									
Período de até		Car	Moto	Truck	Bus	-	PCU	VEC		Período de até		Car	Moto	Truck	Bus	-	PCU	VEC	
0:00	0:15	0	0	0	0	0	0	0	0	12:00	12:15	5	3	0	0	0	7	24	8
0:15	0:30	0	0	0	0	0	0			12:15	12:30	3	0	0	0	0	3		
0:30	0:45	0	0	0	0	0	0			12:30	12:45	6	1	0	0	0	7		
0:45	1:00	0	0	0	0	0	0			12:45	13:00	5	1	1	0	0	8		
1:00	1:15	0	0	0	0	0	0	1	1	13:00	13:15	3	1	0	0	0	4	22	4
1:15	1:30	1	0	0	0	0	1			13:15	13:30	5	2	0	0	0	6		
1:30	1:45	0	0	0	0	0	0			13:30	13:45	4	1	0	0	0	5		
1:45	2:00	0	0	0	0	0	0			13:45	14:00	7	1	0	0	0	8		
2:00	2:15	0	0	0	0	0	0	1	1	14:00	14:15	8	2	0	0	0	9	21	10
2:15	2:30	0	1	0	0	0	1			14:15	14:30	3	2	0	0	0	4		
2:30	2:45	0	0	0	0	0	0			14:30	14:45	4	0	0	0	0	4		
2:45	3:00	0	0	0	0	0	0			14:45	15:00	3	1	0	0	0	4		
3:00	3:15	0	0	0	0	0	0	0	0	15:00	15:15	5	1	0	0	0	6	26	6
3:15	3:30	0	0	0	0	0	0			15:15	15:30	4	0	1	0	0	7		
3:30	3:45	0	0	0	0	0	0			15:30	15:45	7	0	0	0	0	7		
3:45	4:00	0	0	0	0	0	0			15:45	16:00	6	1	0	0	0	7		
4:00	4:15	0	0	0	0	0	0	0	0	16:00	16:15	3	1	0	0	0	4	18	4
4:15	4:30	0	0	0	0	0	0			16:15	16:30	5	0	0	0	0	5		
4:30	4:45	0	0	0	0	0	0			16:30	16:45	5	1	0	0	0	6		
4:45	5:00	0	0	0	0	0	0			16:45	17:00	1	0	1	0	0	4		
5:00	5:15	0	0	0	0	0	0	0	0	17:00	17:15	3	2	0	0	0	4	14	5
5:15	5:30	0	0	0	0	0	0			17:15	17:30	2	1	1	0	0	5		
5:30	5:45	0	0	0	0	0	0			17:30	17:45	3	1	0	0	0	4		
5:45	6:00	0	0	0	0	0	0			17:45	18:00	1	0	0	0	0	1		
6:00	6:15	0	0	0	0	0	0	3	3	18:00	18:15	4	0	1	0	0	7	10	5
6:15	6:30	0	0	0	0	0	0			18:15	18:30	1	0	0	0	0	1		
6:30	6:45	0	0	0	0	0	0			18:30	18:45	0	2	0	0	0	1		
6:45	7:00	2	1	0	0	0	3			18:45	19:00	1	0	0	0	0	1		
7:00	7:15	2	0	0	0	0	2	12	12	19:00	19:15	1	0	0	0	0	1	4	1
7:15	7:30	2	1	0	0	0	3			19:15	19:30	0	0	0	0	0	0		
7:30	7:45	5	0	0	0	0	5			19:30	19:45	0	1	0	0	0	1		
7:45	8:00	2	0	0	0	0	2			19:45	20:00	2	0	0	0	0	2		
8:00	8:15	4	0	0	0	0	4	20	19	20:00	20:15	2	0	0	0	0	2	4	2
8:15	8:30	5	0	0	0	0	5			20:15	20:30	1	0	0	0	0	1		
8:30	8:45	5	0	0	0	0	5			20:30	20:45	0	0	0	0	0	0		
8:45	9:00	3	1	1	0	0	6			20:45	21:00	1	0	0	0	0	1		
9:00	9:15	4	1	0	0	0	5	39	38	21:00	21:15	1	0	0	0	0	1	1	1
9:15	9:30	11	1	0	0	0	12			21:15	21:30	0	0	0	0	0	0		
9:30	9:45	7	1	2	0	0	13			21:30	21:45	0	0	0	0	0	0		
9:45	10:00	10	1	0	0	0	11			21:45	22:00	0	0	0	0	0	0		
10:00	10:15	7	0	0	0	0	7	26	27	22:00	22:15	0	0	0	0	0	0	0	0
10:15	10:30	6	0	0	0	0	6			22:15	22:30	0	0	0	0	0	0		
10:30	10:45	5	2	0	0	0	6			22:30	22:45	0	0	0	0	0	0		
10:45	11:00	7	0	0	0	0	7			22:45	23:00	0	0	0	0	0	0		
11:00	11:15	6	0	1	0	0	9	32	29	23:00	23:15	1	0	0	0	0	1	2	1
11:15	11:30	5	0	1	0	0	8			23:15	23:30	0	0	0	0	0	0		
11:30	11:45	6	0	0	0	0	6			23:30	23:45	1	0	0	0	0	1		
11:45	12:00	9	1	0	0	0	10			23:45	0:00	0	0	0	0	0	0		

Movimento Contado

2 > 4 R. Fernão Sales em frente



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	21	6	0	0	0	24	27
1:00	2:00	11	8	0	0	0	15	19
2:00	3:00	6	0	0	0	0	6	6
3:00	4:00	0	1	0	0	0	1	1
4:00	5:00	4	1	0	0	0	5	5
5:00	6:00	15	6	0	0	0	18	21
6:00	7:00	100	23	0	1	0	114	124
7:00	8:00	206	64	6	0	0	253	276
8:00	9:00	213	60	8	1	0	265	282
9:00	10:00	169	53	5	0	0	208	227
10:00	11:00	183	56	5	0	0	224	244
11:00	12:00	157	81	10	0	0	223	248

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	184	86	6	0	0	242	276
13:00	14:00	179	81	5	0	0	232	265
14:00	15:00	148	93	8	0	0	215	249
15:00	16:00	165	75	6	0	0	218	246
16:00	17:00	195	77	11	0	0	261	283
17:00	18:00	280	138	7	2	0	371	427
18:00	19:00	273	124	1	0	0	338	398
19:00	20:00	159	63	2	0	0	196	224
20:00	21:00	113	43	1	0	0	137	157
21:00	22:00	77	38	0	0	0	96	115
22:00	23:00	87	28	0	0	0	101	115
23:00	0:00	34	19	0	0	0	44	53

Movimento Contado

2 > 4

R. Fernão Sales em frente

Fluxo veicular a cada 15 minutos

Período Manhã										Período Tarde									
Período de até		Car	Moto	Truck	Bus	-	PCU	VEC		Período de até		Car	Moto	Truck	Bus	-	PCU	VEC	
0:00	0:15	8	1	0	0	0	9	24	9	12:00	12:15	47	24	1	0	0	62	242	72
0:15	0:30	3	3	0	0	0	5		6	12:15	12:30	46	22	0	0	0	57		68
0:30	0:45	6	2	0	0	0	7		8	12:30	12:45	39	22	3	0	0	58		64
0:45	1:00	4	0	0	0	0	4		4	12:45	13:00	52	18	2	0	0	66		72
1:00	1:15	2	1	0	0	0	3	15	3	13:00	13:15	50	16	1	0	0	61	232	67
1:15	1:30	2	2	0	0	0	3		4	13:15	13:30	36	24	1	0	0	51		61
1:30	1:45	4	2	0	0	0	5		6	13:30	13:45	46	23	1	0	0	60		70
1:45	2:00	3	3	0	0	0	5		6	13:45	14:00	47	18	2	0	0	61		67
2:00	2:15	1	0	0	0	0	1	6	1	14:00	14:15	36	20	1	0	0	49	215	57
2:15	2:30	2	0	0	0	0	2		2	14:15	14:30	43	22	3	0	0	62		68
2:30	2:45	3	0	0	0	0	3		3	14:30	14:45	35	25	2	0	0	53		62
2:45	3:00	0	0	0	0	0	0		0	14:45	15:00	34	26	2	0	0	52		62
3:00	3:15	0	0	0	0	0	0	1	0	15:00	15:15	42	15	3	0	0	57	218	60
3:15	3:30	0	0	0	0	0	0		0	15:15	15:30	41	19	1	0	0	53		61
3:30	3:45	0	1	0	0	0	1		1	15:30	15:45	32	25	2	0	0	50		59
3:45	4:00	0	0	0	0	0	0		0	15:45	16:00	50	16	0	0	0	58		66
4:00	4:15	1	0	0	0	0	1	5	1	16:00	16:15	55	21	1	0	0	68	261	77
4:15	4:30	0	0	0	0	0	0		0	16:15	16:30	47	20	1	0	0	60		68
4:30	4:45	1	0	0	0	0	1		1	16:30	16:45	44	14	2	0	0	56		60
4:45	5:00	2	1	0	0	0	3		3	16:45	17:00	49	22	7	0	0	78		78
5:00	5:15	1	2	0	0	0	2	18	3	17:00	17:15	67	27	2	1	0	88	371	97
5:15	5:30	6	1	0	0	0	7		7	17:15	17:30	70	32	0	0	0	86		102
5:30	5:45	4	1	0	0	0	5		5	17:30	17:45	64	39	4	1	0	96		108
5:45	6:00	4	2	0	0	0	5		6	17:45	18:00	79	40	1	0	0	102		120
6:00	6:15	10	6	0	0	0	13	114	16	18:00	18:15	72	40	0	0	0	92	338	112
6:15	6:30	15	3	0	1	0	19		19	18:15	18:30	90	41	1	0	0	113		132
6:30	6:45	21	7	0	0	0	25		28	18:30	18:45	62	20	0	0	0	72		82
6:45	7:00	54	7	0	0	0	58		61	18:45	19:00	49	23	0	0	0	61		72
7:00	7:15	58	11	1	0	0	66	253	70	19:00	19:15	49	22	0	0	0	60	196	71
7:15	7:30	40	18	2	0	0	54		60	19:15	19:30	50	16	1	0	0	61		67
7:30	7:45	48	16	1	0	0	59		65	19:30	19:45	40	15	1	0	0	50		56
7:45	8:00	60	19	2	0	0	75		81	19:45	20:00	20	10	0	0	0	25		30
8:00	8:15	56	18	2	0	0	70	265	76	20:00	20:15	33	10	1	0	0	41	137	44
8:15	8:30	51	18	2	0	0	65		71	20:15	20:30	31	14	0	0	0	38		45
8:30	8:45	51	10	2	0	0	61		63	20:30	20:45	24	10	0	0	0	29		34
8:45	9:00	55	14	2	1	0	69		72	20:45	21:00	25	9	0	0	0	30		34
9:00	9:15	36	17	2	0	0	50	208	55	21:00	21:15	18	12	0	0	0	24	96	30
9:15	9:30	43	12	0	0	0	49		55	21:15	21:30	22	9	0	0	0	27		31
9:30	9:45	50	13	3	0	0	64		66	21:30	21:45	16	6	0	0	0	19		22
9:45	10:00	40	11	0	0	0	46		51	21:45	22:00	21	11	0	0	0	27		32
10:00	10:15	57	12	1	0	0	66	224	70	22:00	22:15	41	8	0	0	0	45	101	49
10:15	10:30	46	12	2	0	0	57		60	22:15	22:30	19	4	0	0	0	21		23
10:30	10:45	43	23	2	0	0	60		68	22:30	22:45	18	9	0	0	0	23		27
10:45	11:00	37	9	0	0	0	42		46	22:45	23:00	9	7	0	0	0	13		16
11:00	11:15	42	13	3	0	0	56	223	58	23:00	23:15	13	5	0	0	0	16	44	18
11:15	11:30	31	22	4	0	0	52		57	23:15	23:30	12	5	0	0	0	15		17
11:30	11:45	46	23	2	0	0	63		71	23:30	23:45	5	4	0	0	0	7		9
11:45	12:00	38	23	1	0	0	52		62	23:45	0:00	4	5	0	0	0	7		9

Movimento Contado

3 > 1 Av. Saudade em frente



Fluxo veicular a cada hora

Período Manhã								
Período de até		Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	7	7	0	0	0	11	14
1:00	2:00	9	5	1	0	0	14	15
2:00	3:00	3	3	0	0	0	5	6
3:00	4:00	2	3	0	0	0	4	5
4:00	5:00	3	4	0	0	0	5	7
5:00	6:00	6	3	1	0	0	10	10
6:00	7:00	23	10	0	0	0	28	33
7:00	8:00	38	20	0	0	0	48	58
8:00	9:00	58	15	5	0	0	78	78
9:00	10:00	57	19	4	0	0	77	80
10:00	11:00	64	26	2	0	0	82	92
11:00	12:00	68	26	4	0	0	91	98

Período Tarde								
Período de até		Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	58	27	2	0	0	77	87
13:00	14:00	50	19	5	0	0	72	74
14:00	15:00	78	22	1	0	0	92	101
15:00	16:00	87	32	0	0	0	103	119
16:00	17:00	57	22	4	0	0	78	83
17:00	18:00	62	33	5	0	0	91	100
18:00	19:00	65	30	1	0	0	83	96
19:00	20:00	34	14	1	0	0	44	49
20:00	21:00	31	14	3	0	0	46	48
21:00	22:00	23	4	0	0	0	25	27
22:00	23:00	31	7	0	0	0	35	38
23:00	0:00	23	9	2	0	0	33	34

Movimento Contado

3 > 1

Av. Saudade 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	1	2	0	0	0	2	11	3	12:00	12:15	21	9	1	0	0	28	77	31
0:15	0:30	4	0	0	0	0	4		4	12:15	12:30	13	5	0	0	0	16		18
0:30	0:45	1	3	0	0	0	3		4	12:30	12:45	8	7	1	0	0	14		16
0:45	1:00	1	2	0	0	0	2		3	12:45	13:00	16	6	0	0	0	19		22
1:00	1:15	1	2	0	0	0	2	14	3	13:00	13:15	19	5	0	0	0	22	72	24
1:15	1:30	3	1	0	0	0	4		4	13:15	13:30	11	3	2	0	0	18		16
1:30	1:45	1	2	0	0	0	2		3	13:30	13:45	7	5	2	0	0	15		14
1:45	2:00	4	0	1	0	0	7		5	13:45	14:00	13	6	1	0	0	19		20
2:00	2:15	2	0	0	0	0	2	5	2	14:00	14:15	16	6	0	0	0	19	92	22
2:15	2:30	0	0	0	0	0	0		0	14:15	14:30	27	6	0	0	0	30		33
2:30	2:45	0	2	0	0	0	1		2	14:30	14:45	20	7	1	0	0	26		28
2:45	3:00	1	1	0	0	0	2		2	14:45	15:00	15	3	0	0	0	17		18
3:00	3:15	0	0	0	0	0	0	4	0	15:00	15:15	22	10	0	0	0	27	103	32
3:15	3:30	1	1	0	0	0	2		2	15:15	15:30	29	6	0	0	0	32		35
3:30	3:45	1	0	0	0	0	1		1	15:30	15:45	16	5	0	0	0	19		21
3:45	4:00	0	2	0	0	0	1		2	15:45	16:00	20	11	0	0	0	26		31
4:00	4:15	0	0	0	0	0	0	5	0	16:00	16:15	21	4	2	0	0	28	78	27
4:15	4:30	2	1	0	0	0	3		3	16:15	16:30	15	7	0	0	0	19		22
4:30	4:45	1	2	0	0	0	2		3	16:30	16:45	5	6	1	0	0	11		12
4:45	5:00	0	1	0	0	0	1		1	16:45	17:00	16	5	1	0	0	21		22
5:00	5:15	1	0	0	0	0	1	10	1	17:00	17:15	20	7	1	0	0	26	91	28
5:15	5:30	2	0	1	0	0	5		3	17:15	17:30	12	6	3	0	0	23		21
5:30	5:45	1	1	0	0	0	2		2	17:30	17:45	17	10	0	0	0	22		27
5:45	6:00	2	2	0	0	0	3		4	17:45	18:00	13	10	1	0	0	21		24
6:00	6:15	4	1	0	0	0	5	28	5	18:00	18:15	19	7	1	0	0	25	83	27
6:15	6:30	2	2	0	0	0	3		4	18:15	18:30	18	9	0	0	0	23		27
6:30	6:45	5	2	0	0	0	6		7	18:30	18:45	18	8	0	0	0	22		26
6:45	7:00	12	5	0	0	0	15		17	18:45	19:00	10	6	0	0	0	13		16
7:00	7:15	7	1	0	0	0	8	48	8	19:00	19:15	15	3	0	0	0	17	44	18
7:15	7:30	12	2	0	0	0	13		14	19:15	19:30	9	3	0	0	0	11		12
7:30	7:45	9	10	0	0	0	14		19	19:30	19:45	7	6	0	0	0	10		13
7:45	8:00	10	7	0	0	0	14		17	19:45	20:00	3	2	1	0	0	7		6
8:00	8:15	12	4	1	0	0	17	78	17	20:00	20:15	11	2	2	0	0	17	46	15
8:15	8:30	9	6	0	0	0	12		15	20:15	20:30	10	3	1	0	0	14		14
8:30	8:45	22	2	2	0	0	28		26	20:30	20:45	3	3	0	0	0	5		6
8:45	9:00	15	3	2	0	0	22		20	20:45	21:00	7	6	0	0	0	10		13
9:00	9:15	20	2	0	0	0	21	77	22	21:00	21:15	5	1	0	0	0	6	25	6
9:15	9:30	11	4	3	0	0	21		18	21:15	21:30	6	1	0	0	0	7		7
9:30	9:45	16	9	1	0	0	23		26	21:30	21:45	7	1	0	0	0	8		8
9:45	10:00	10	4	0	0	0	12		14	21:45	22:00	5	1	0	0	0	6		6
10:00	10:15	16	8	0	0	0	20	82	24	22:00	22:15	4	2	0	0	0	5	35	6
10:15	10:30	14	10	1	0	0	22		25	22:15	22:30	15	2	0	0	0	16		17
10:30	10:45	14	5	1	0	0	19		20	22:30	22:45	4	1	0	0	0	5		5
10:45	11:00	20	3	0	0	0	22		23	22:45	23:00	8	2	0	0	0	9		10
11:00	11:15	19	6	1	0	0	25	91	26	23:00	23:15	7	2	0	0	0	8	33	9
11:15	11:30	13	7	2	0	0	22		22	23:15	23:30	2	2	1	0	0	6		5
11:30	11:45	15	5	1	0	0	20		21	23:30	23:45	5	2	0	0	0	6		7
11:45	12:00	21	8	0	0	0	25		29	23:45	0:00	9	3	1	0	0	13		13