

RELATÓRIO DE PESQUISAS

CONTAGEM VOLUMÉTRICA CLASSIFICADA EM CRUZAMENTOS (15)

354 - Av. Pres. Kennedy X Av. Alzira Couto

353 - Av. Pres. Kennedy X Trav. de Pedestre próx.R. Maria da Glória Machado

Ref.: RT-4378-01-200-3J21-354_A



Ribeirão Preto - SP

Dezembro de 2018

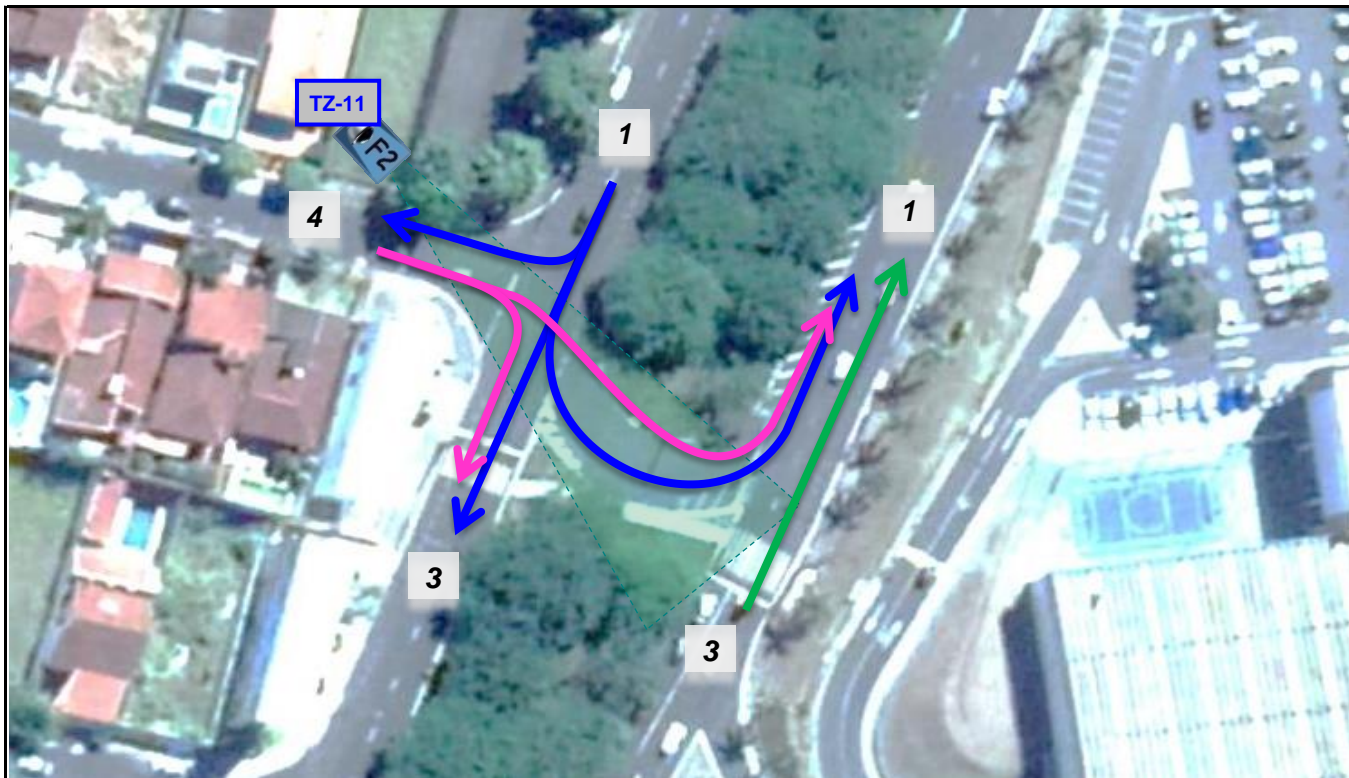
Responsável Técnico:

Fábio de Campos Bittencourt

CREA N°:

ART 28027230181266891

Croquis 354 - Av. Pres. Kennedy X Av. Alzira Couto



Vídeos



Movimentos Contados

- | | | | |
|---|---|---|--|
| 1 | > | 1 | Av. Pres. Kennedy Retorno |
| 1 | > | 3 | Av. Pres. Kennedy em frente |
| 1 | > | 4 | Av. Pres. Kennedy conv à dir. R. Maria da Glória Machado Santa Ana |
| 3 | > | 1 | Av. Pres. Kennedy em frente |
| 4 | > | 1 | R. Maria da Glória Machado Santa Ana conv à eq. Av. Pres. Kennedy |
| 4 | > | 3 | R. Maria da Glória Machado Santa Ana conv à dir. Av. Pres. Kennedy |

Perfil Horário 354 - Av. Pres. Kennedy X Av. Alzira Couto

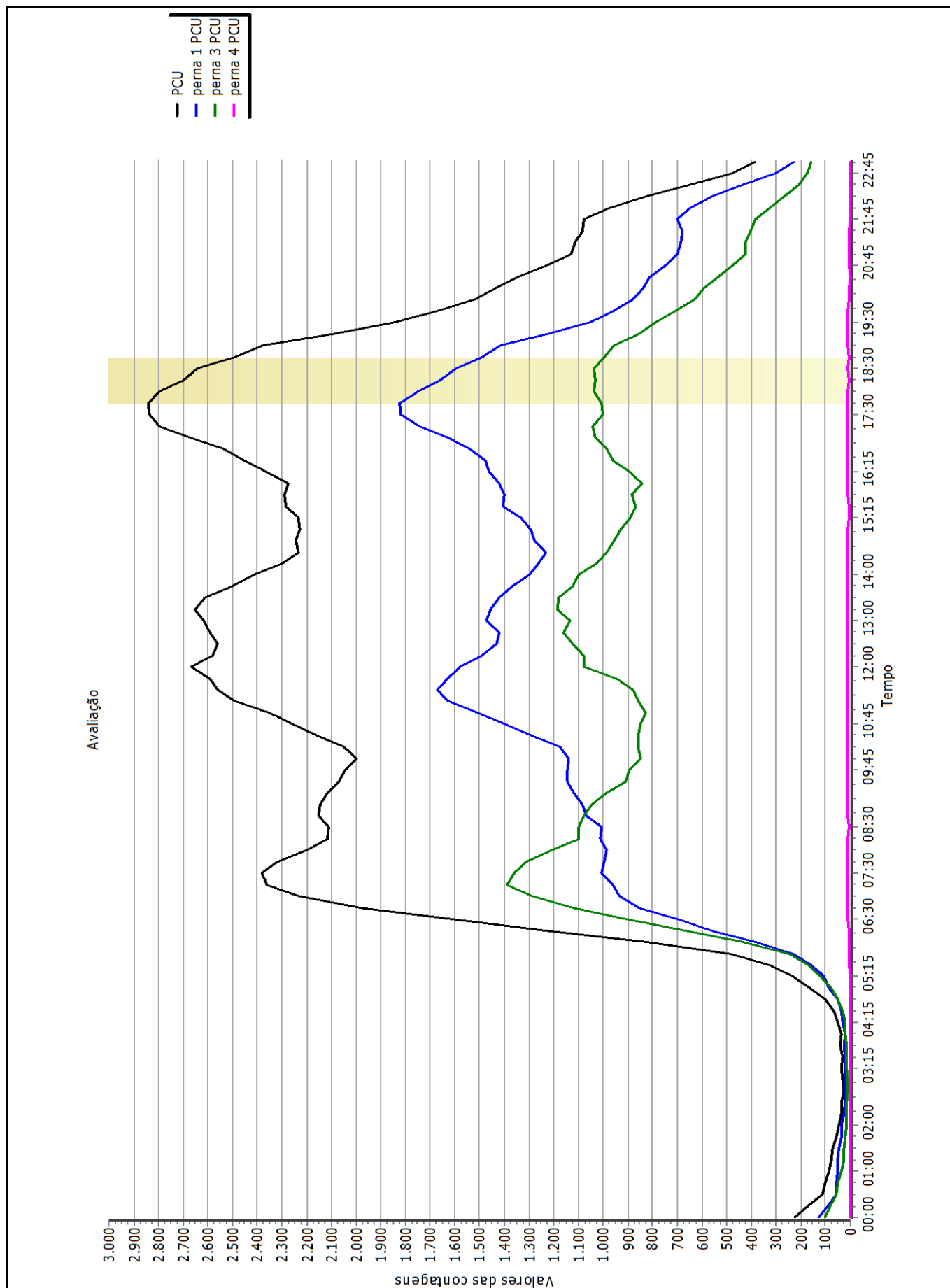


Diagrama de Fluxos

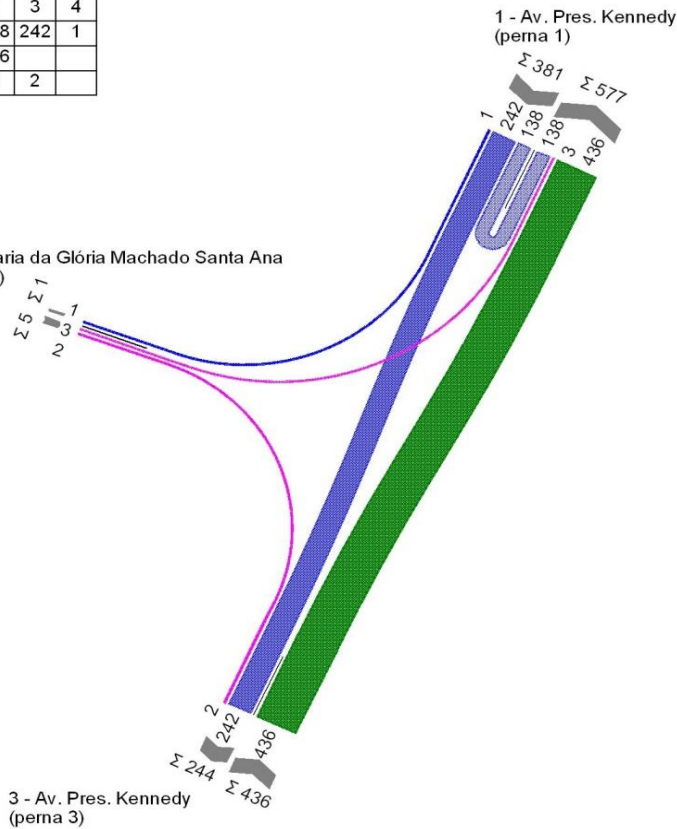
354 - Av. Pres. Kennedy X Av. Alzira Couto

Contagem De 31/10/2018 as 06h00 até 01/11/2018 as 06h00
Valor horário máximo 06:00 - 07:00
On the basis of a time period 31.10.2018 06:00 - 31.10.2018 07:00
822 PCU

De \ Para	1	3	4
1	138	242	1
3	436		
4	3	2	

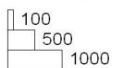


4 - R. Maria da Glória Machado Santa Ana
(perna 4)



Contagem De 31/10/2018 as 06h00 até 01/11/2018 as 06h00
Valor horário máximo 07:00 - 08:00
On the basis of a time period 31.10.2018 07:00 - 31.10.2018 08:00
2233 PCU

De \ Para	1	3	4
1	338	590	8
3	1288		
4	5	4	



4 - R. Maria da Glória Machado Santa Ana
(perna 4)

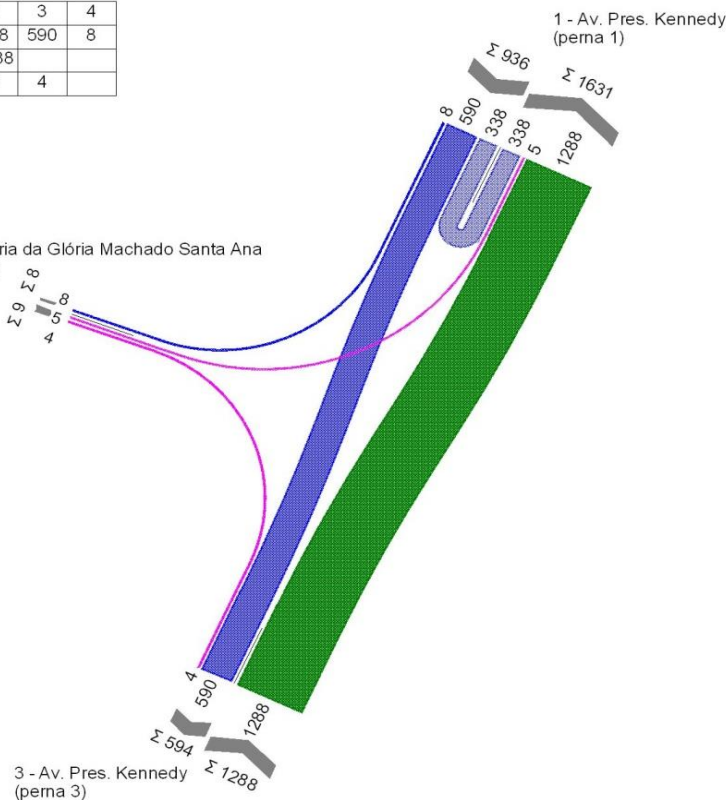


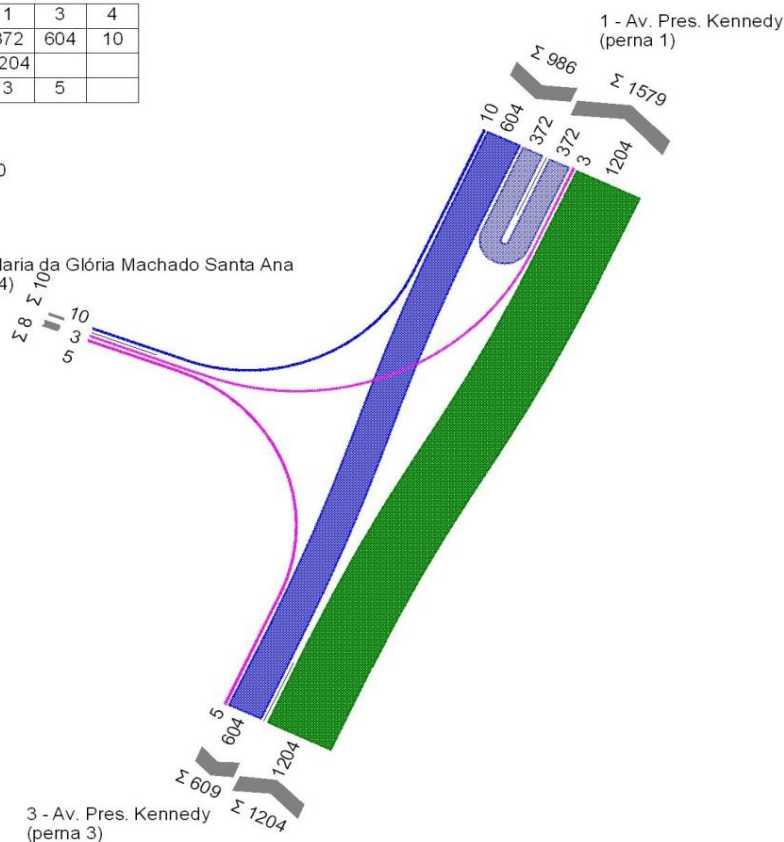
Diagrama de Fluxos 354 - Av. Pres. Kennedy X Av. Alzira Couto

Contagem De 31/10/2018 as 06h00 até 01/11/2018 as 06h00
 Valor horário máximo 08:00 - 09:00
 On the basis of a time period 31.10.2018 08:00 - 31.10.2018 09:00
 2198 PCU

De \ Para	1	3	4
1	372	604	10
3	1204		
4	3	5	

100
 500
 1000

4 - R. Maria da Glória Machado Santa Ana
 (perna 4)



Contagem De 31/10/2018 as 06h00 até 01/11/2018 as 06h00
 Valor horário máximo 09:00 - 10:00
 On the basis of a time period 31.10.2018 09:00 - 31.10.2018 10:00
 2145 PCU

De \ Para	1	3	4
1	494	580	11
3	1048		
4	6	6	

100
 500
 1000

4 - R. Maria da Glória Machado Santa Ana
 (perna 4)

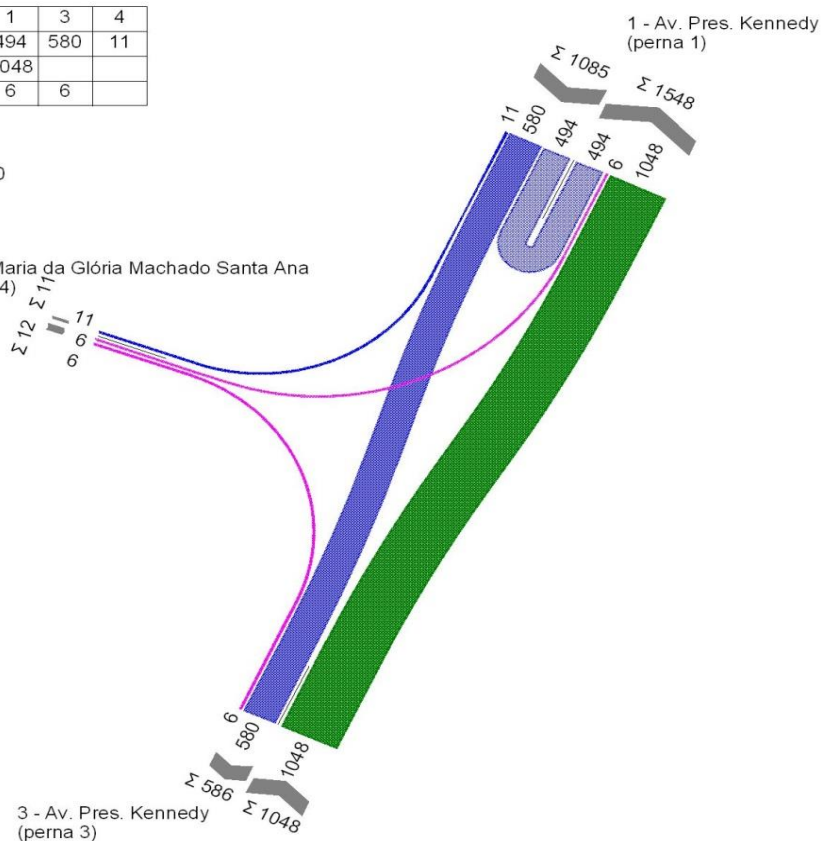


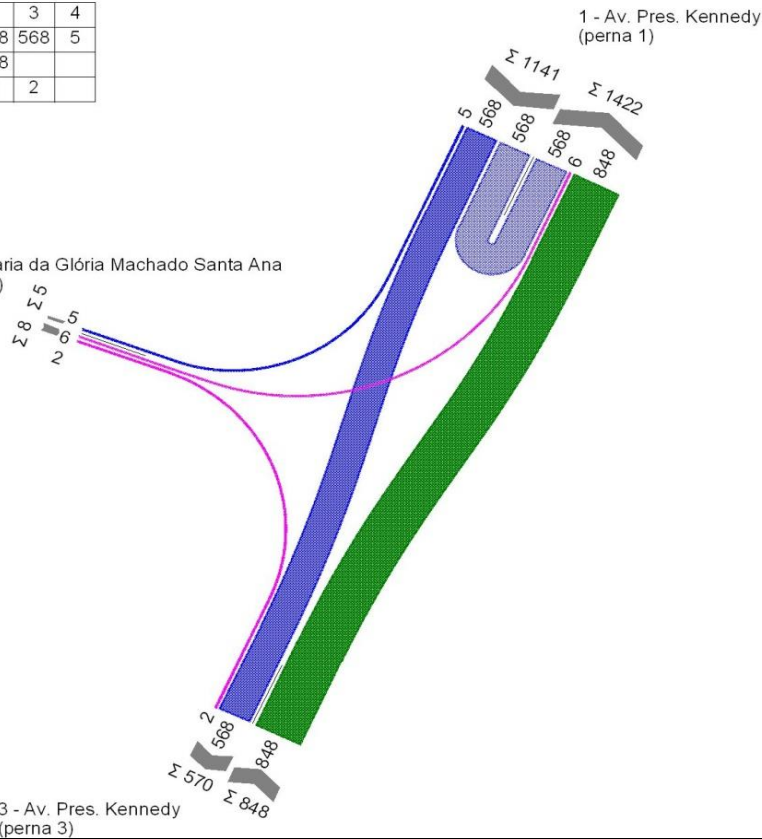
Diagrama de Fluxos 354 - Av. Pres. Kennedy X Av. Alzira Couto

Contagem De 31/10/2018 as 06h00 até 01/11/2018 as 06h00
 Valor horário máximo 10:00 - 11:00
 On the basis of a time period 31.10.2018 10:00 - 31.10.2018 11:00
 1997 PCU

De \ Para	1	3	4
1	568	568	5
3	848		
4	6	2	

20
 100
 800

4 - R. Maria da Glória Machado Santa Ana
 (perna 4)



Contagem De 31/10/2018 as 06h00 até 01/11/2018 as 06h00
 Valor horário máximo 11:00 - 12:00
 On the basis of a time period 31.10.2018 11:00 - 31.10.2018 12:00
 2350 PCU

De \ Para	1	3	4
1	653	843	14
3	828		
4	6	6	

20
 100
 800

4 - R. Maria da Glória Machado Santa Ana
 (perna 4)

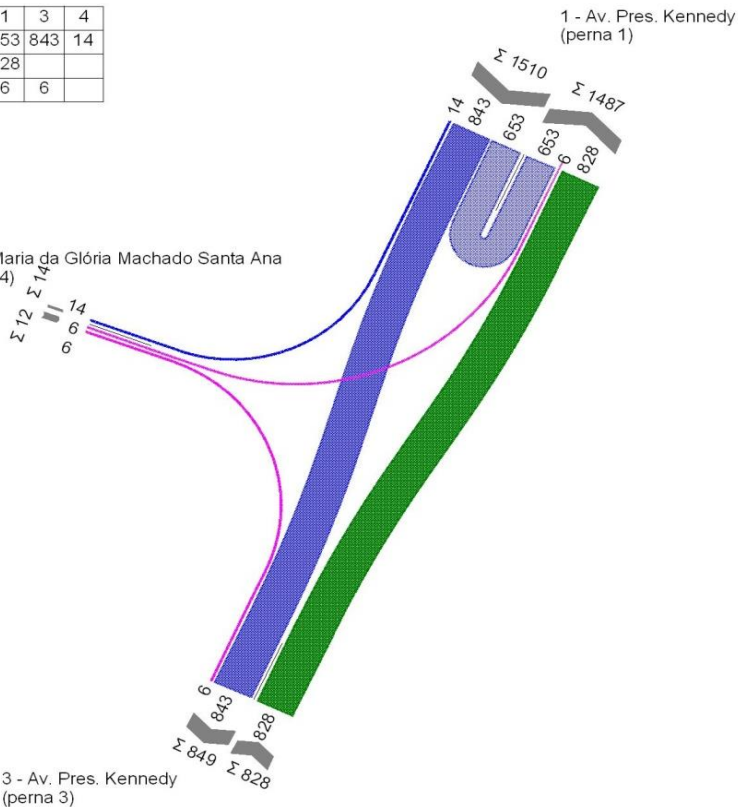
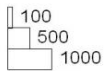


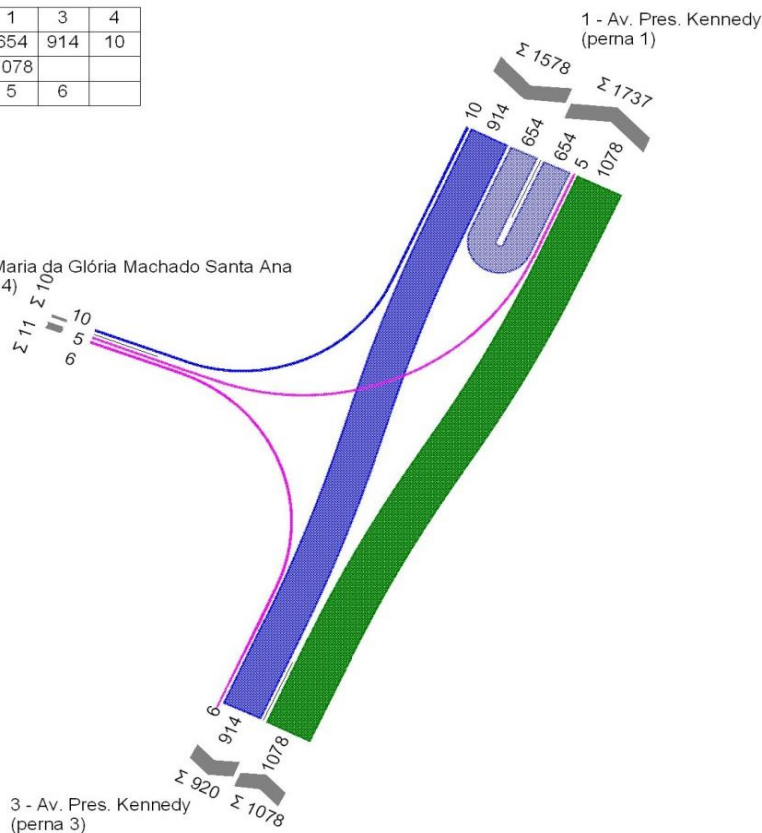
Diagrama de Fluxos 354 - Av. Pres. Kennedy X Av. Alzira Couto

Contagem De 31/10/2018 as 06h00 até 01/11/2018 as 06h00
 Valor horário máximo 12:00 - 13:00
 On the basis of a time period 31.10.2018 12:00 - 31.10.2018 13:00
 2667 PCU

De \ Para	1	3	4
1	654	914	10
3	1078		
4	5	6	

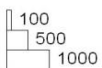


4 - R. Maria da Glória Machado Santa Ana
 (perna 4)



Contagem De 31/10/2018 as 06h00 até 01/11/2018 as 06h00
 Valor horário máximo 13:00 - 14:00
 On the basis of a time period 31.10.2018 13:00 - 31.10.2018 14:00
 2616 PCU

De \ Para	1	3	4
1	706	751	12
3	1137		
4	6	4	



4 - R. Maria da Glória Machado Santa Ana
 (perna 4)

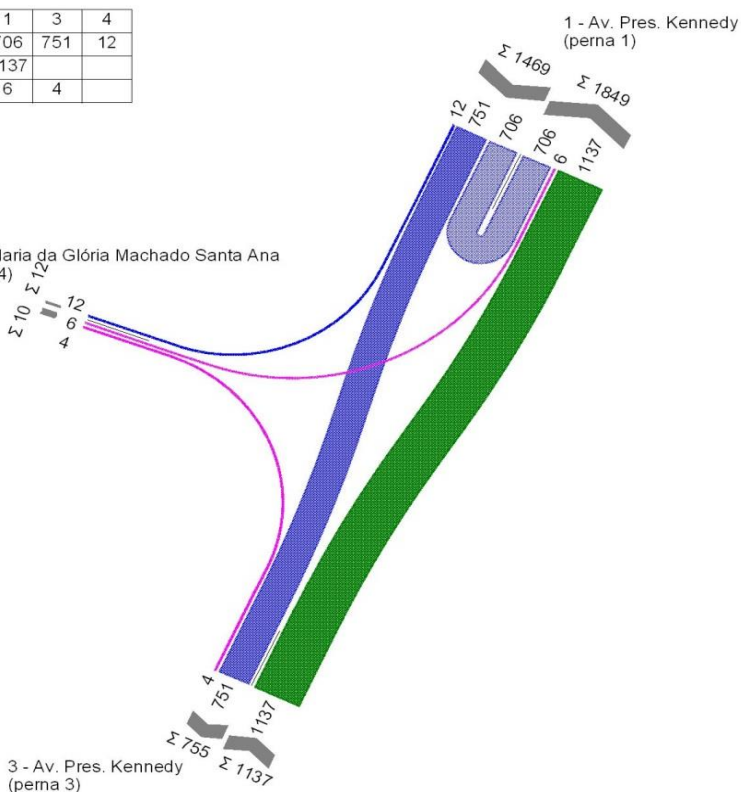


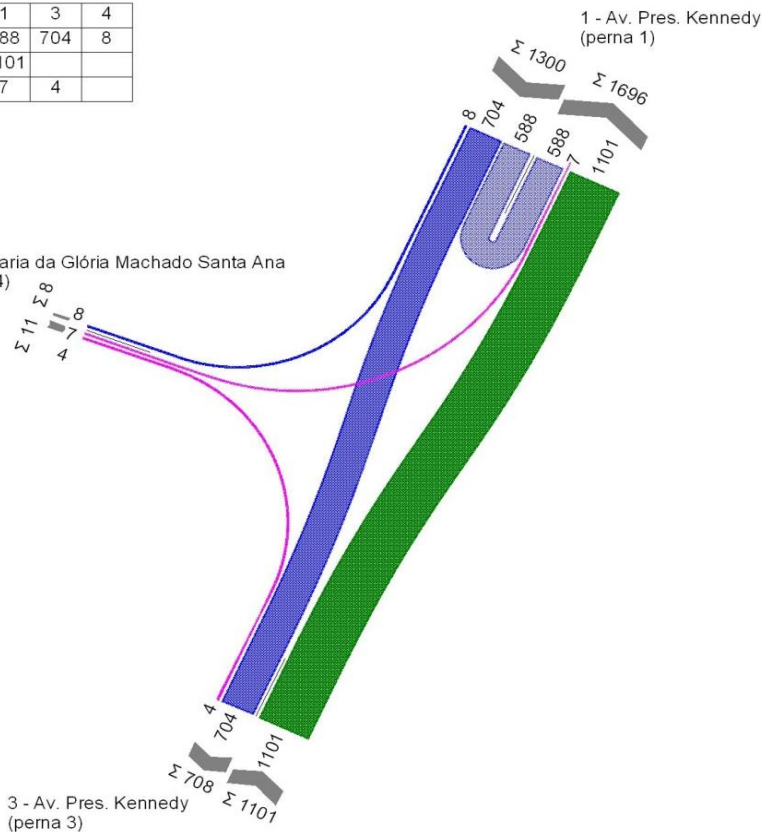
Diagrama de Fluxos 354 - Av. Pres. Kennedy X Av. Alzira Couto

Contagem De 31/10/2018 as 06h00 até 01/11/2018 as 06h00
 Valor horário máximo 14:00 - 15:00
 On the basis of a time period 31.10.2018 14:00 - 31.10.2018 15:00
 2412 PCU

De Para	1	3	4
1	588	704	8
3	1101		
4	7	4	

100
 500
 1000

4 - R. Maria da Glória Machado Santa Ana
 (perna 4)



Contagem De 31/10/2018 as 06h00 até 01/11/2018 as 06h00
 Valor horário máximo 15:00 - 16:00
 On the basis of a time period 31.10.2018 15:00 - 31.10.2018 16:00
 2231 PCU

De Para	1	3	4
1	571	712	10
3	928		
4	4	6	

20
 100
 900

4 - R. Maria da Glória Machado Santa Ana
 (perna 4)

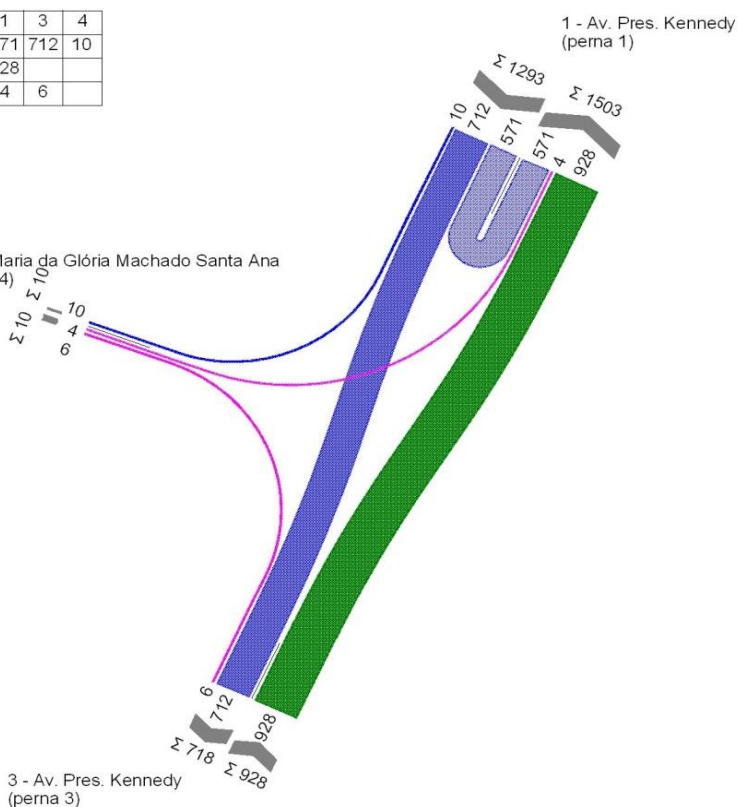


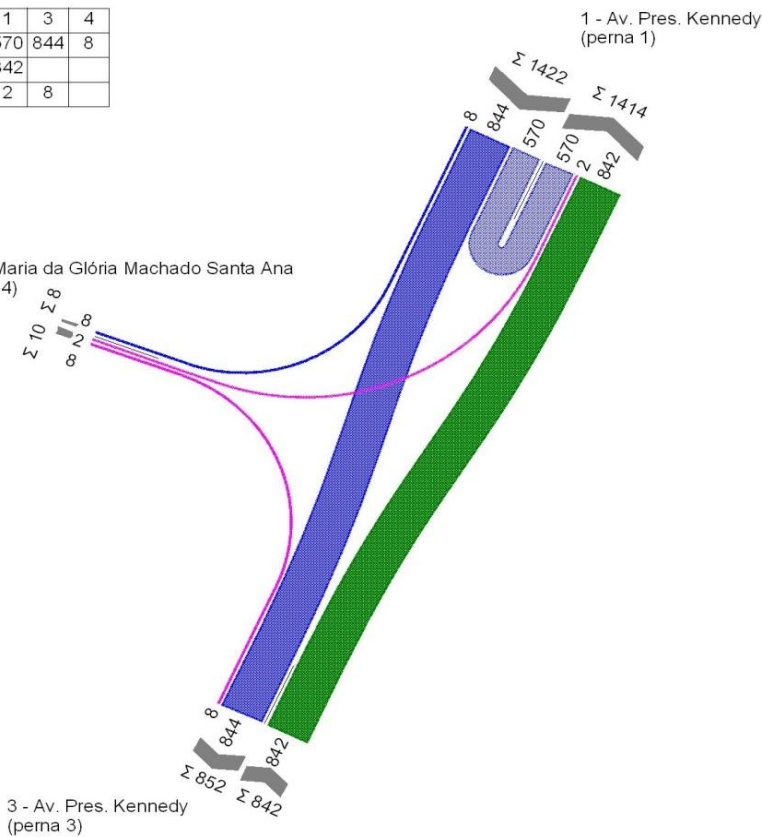
Diagrama de Fluxos 354 - Av. Pres. Kennedy X Av. Alzira Couto

Contagem De 31/10/2018 as 06h00 até 01/11/2018 as 06h00
 Valor horário máximo 16:00 - 17:00
 On the basis of a time period 31.10.2018 16:00 - 31.10.2018 17:00
 2274 PCU

De \ Para	1	3	4
1	570	844	8
3	842		
4	2	8	

20
 100
 800

4 - R. Maria da Glória Machado Santa Ana
 (perna 4)



Contagem De 31/10/2018 as 06h00 até 01/11/2018 as 06h00
 Valor horário máximo 17:00 - 18:00
 On the basis of a time period 31.10.2018 17:00 - 31.10.2018 18:00
 2672 PCU

De \ Para	1	3	4
1	594	1028	10
3	1030		
4	4	6	

100
 500
 1000

4 - R. Maria da Glória Machado Santa Ana
 (perna 4)

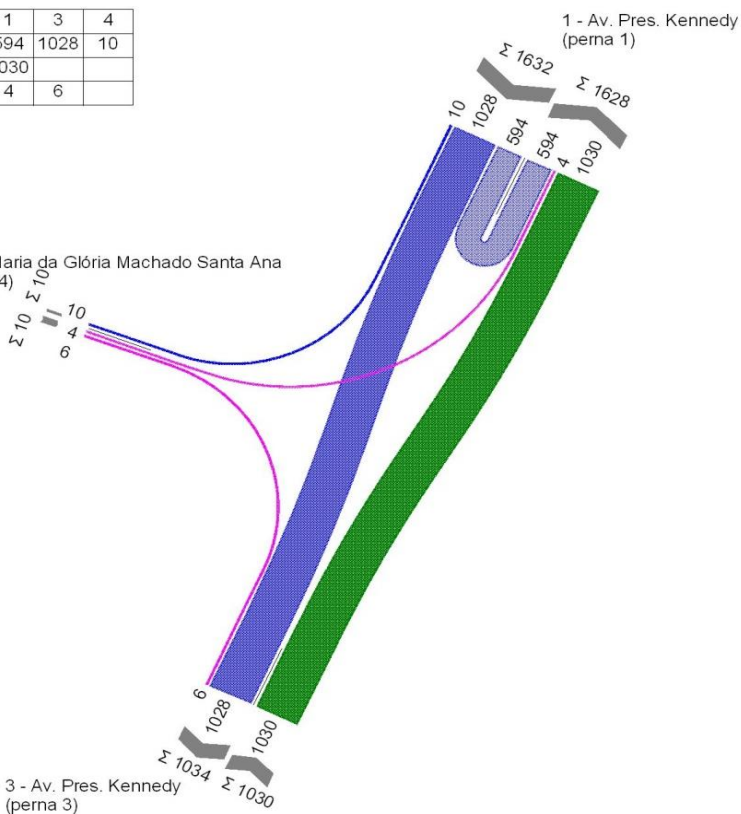


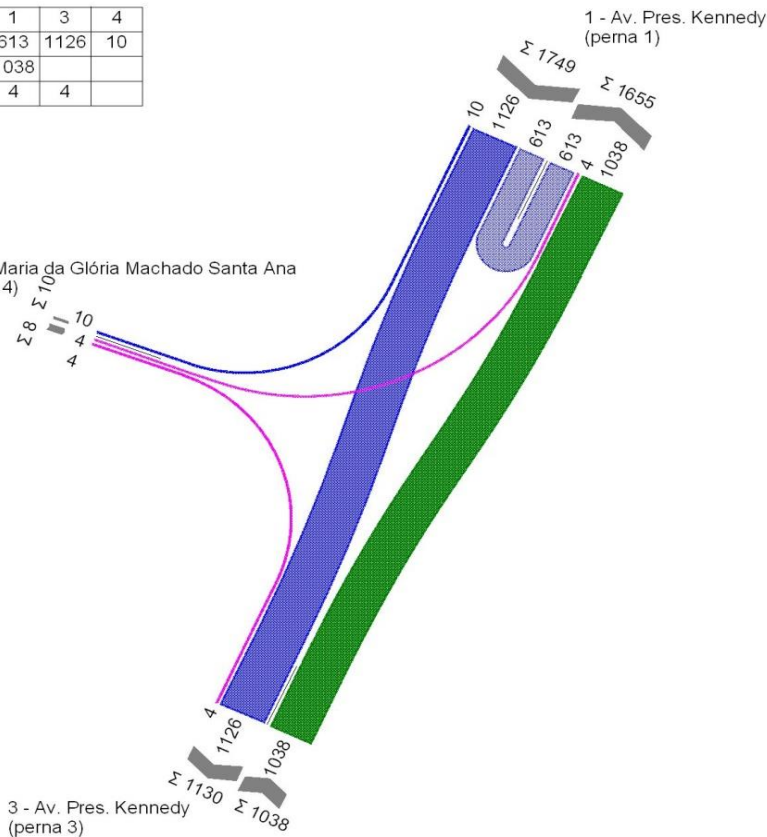
Diagrama de Fluxos 354 - Av. Pres. Kennedy X Av. Alzira Couto

Contagem De 31/10/2018 as 06h00 até 01/11/2018 as 06h00
 Valor horário máximo 18:00 - 19:00
 On the basis of a time period 31.10.2018 18:00 - 31.10.2018 19:00
 2795 PCU

De \ Para	1	3	4
1	613	1126	10
3	1038		
4	4	4	

100
 500
 1000

4 - R. Maria da Glória Machado Santa Ana
 (perna 4)



Contagem De 31/10/2018 as 06h00 até 01/11/2018 as 06h00
 Valor horário máximo 19:00 - 20:00
 On the basis of a time period 31.10.2018 19:00 - 31.10.2018 20:00
 2377 PCU

De \ Para	1	3	4
1	585	818	11
3	956		
4	4	3	

20
 100
 900

4 - R. Maria da Glória Machado Santa Ana
 (perna 4)

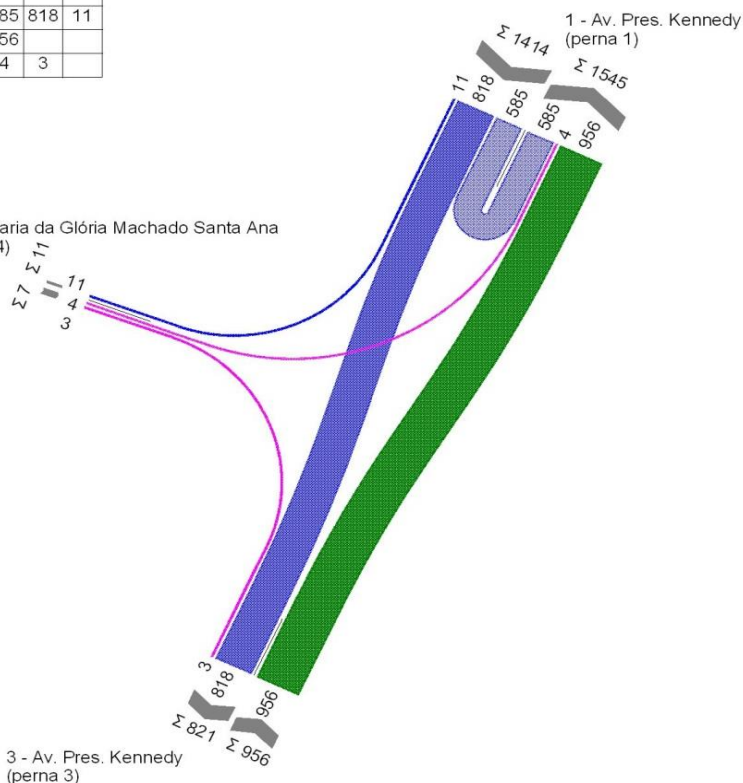


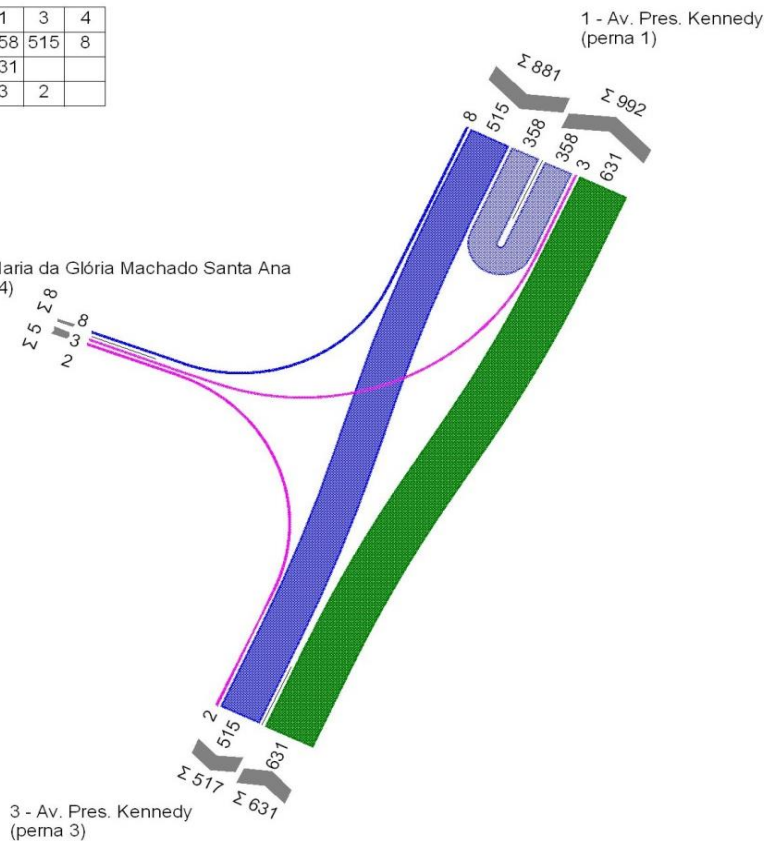
Diagrama de Fluxos 354 - Av. Pres. Kennedy X Av. Alzira Couto

Contagem De 31/10/2018 as 06h00 até 01/11/2018 as 06h00
 Valor horário máximo 20:00 - 21:00
 On the basis of a time period 31.10.2018 20:00 - 31.10.2018 21:00
 1517 PCU

De \ Para	1	3	4
1	358	515	8
3	631		
4	3	2	

20
 100
 600

4 - R. Maria da Glória Machado Santa Ana
 (perna 4)



Contagem De 31/10/2018 as 06h00 até 01/11/2018 as 06h00
 Valor horário máximo 21:00 - 22:00
 On the basis of a time period 31.10.2018 21:00 - 31.10.2018 22:00
 1129 PCU

De \ Para	1	3	4
1	270	428	2
3	426		
4	1	2	

20
 100
 400

4 - R. Maria da Glória Machado Santa Ana
 (perna 4)

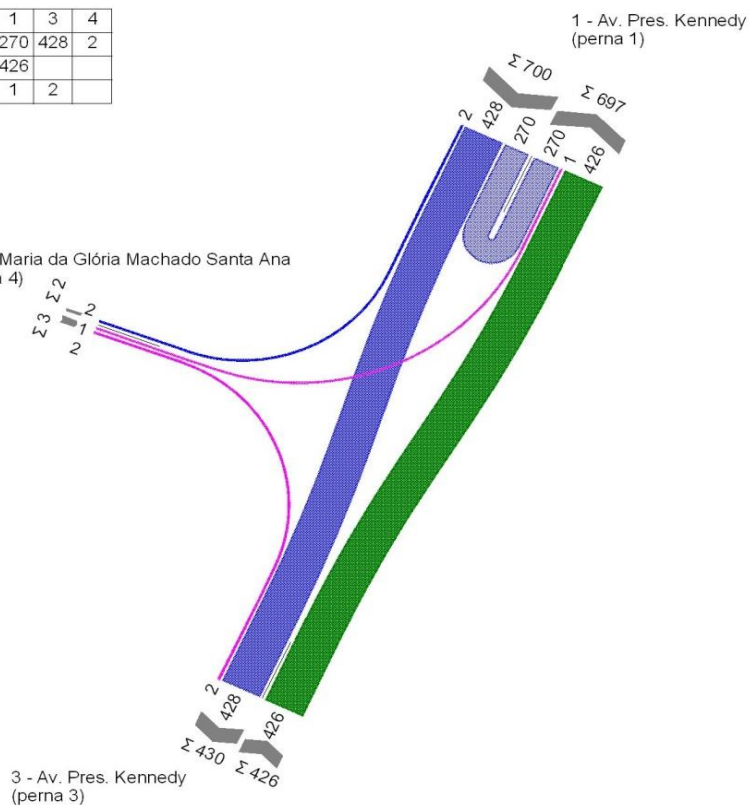


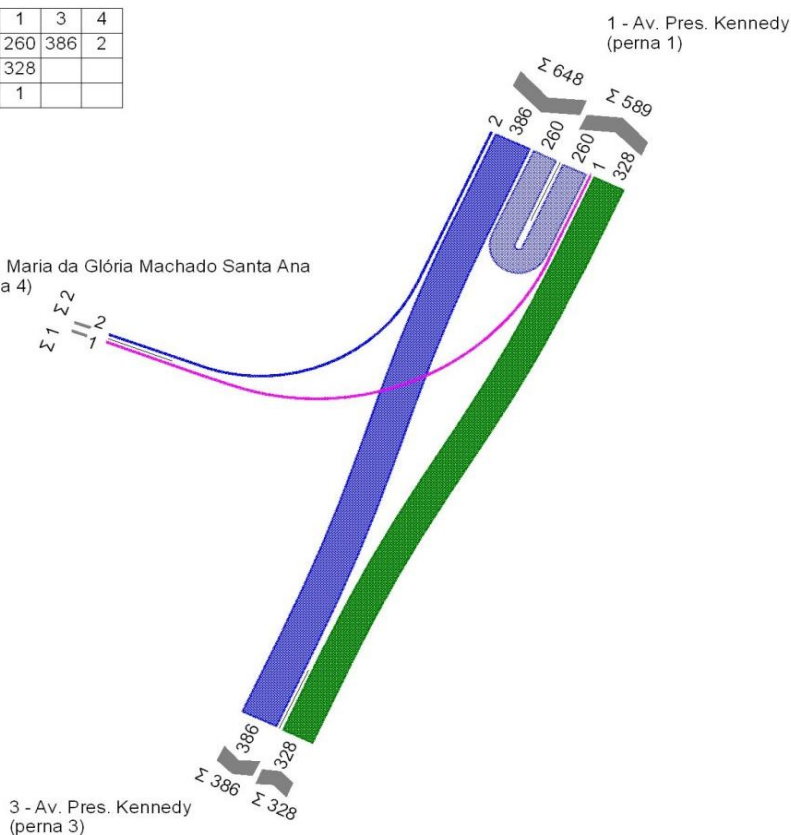
Diagrama de Fluxos 354 - Av. Pres. Kennedy X Av. Alzira Couto

Contagem De 31/10/2018 as 06h00 até 01/11/2018 as 06h00
 Valor horário máximo 22:00 - 23:00
 On the basis of a time period 31.10.2018 22:00 - 31.10.2018 23:00
 977 PCU

De \ Para	1	3	4
1	260	386	2
3	328		
4	1		

20
 100
 300

4 - R. Maria da Glória Machado Santa Ana
 (perna 4)

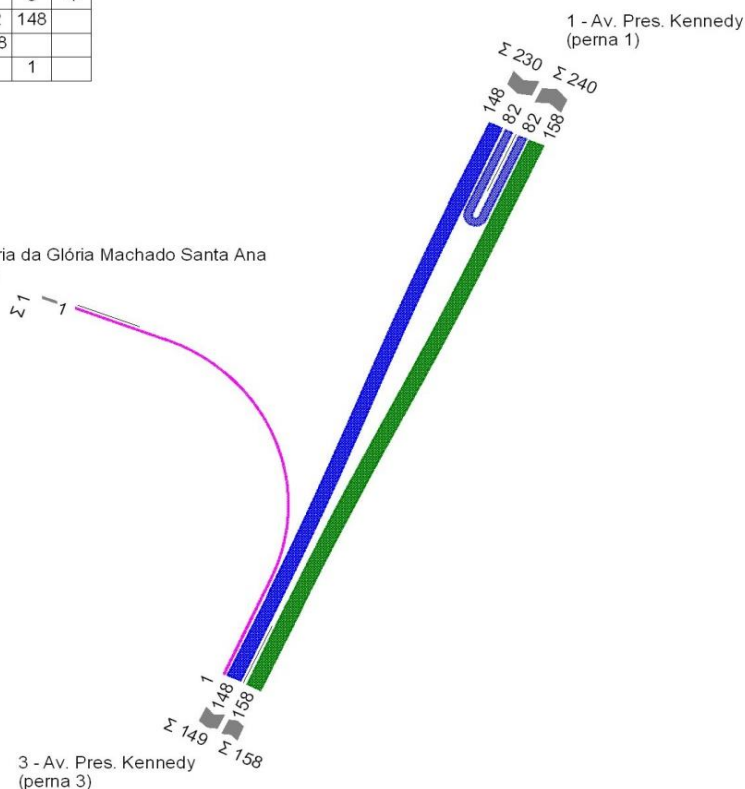


Contagem De 31/10/2018 as 06h00 até 01/11/2018 as 06h00
 Valor horário máximo 23:00 - 00:00
 On the basis of a time period 31.10.2018 23:00 - 01.11.2018 00:00
 389 PCU

De \ Para	1	3	4
1	82	148	
3	158		
4		1	

10
 50
 100

4 - R. Maria da Glória Machado Santa Ana
 (perna 4)



PCU

354 - Av. Pres. Kennedy X Av. Alzira Couto

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 > 1 Av. Pres. Kennedy Retorno



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	33	14	0	3	0	46	50
1:00	2:00	16	4	0	0	0	18	20
2:00	3:00	6	2	1	0	0	10	9
3:00	4:00	5	3	0	0	0	7	8
4:00	5:00	6	3	0	0	0	8	9
5:00	6:00	20	13	0	2	0	31	35
6:00	7:00	102	41	0	8	0	139	151
7:00	8:00	283	64	1	10	0	338	358
8:00	9:00	304	75	4	10	0	372	393
9:00	10:00	432	82	3	7	0	495	524
10:00	11:00	491	75	10	7	0	568	583
11:00	12:00	566	98	8	9	0	653	681

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	576	96	5	9	0	655	686
13:00	14:00	612	133	4	9	0	707	758
14:00	15:00	511	106	3	8	0	588	628
15:00	16:00	502	86	4	8	0	571	600
16:00	17:00	491	82	7	10	0	570	590
17:00	18:00	523	98	4	6	0	594	631
18:00	19:00	512	148	2	11	0	613	673
19:00	20:00	519	92	0	10	0	585	621
20:00	21:00	323	51	0	5	0	359	379
21:00	22:00	241	36	1	4	0	270	282
22:00	23:00	199	59	0	16	0	261	274
23:00	0:00	62	17	0	6	0	83	85

Movimento Contado

1 > 1

Av. Pres. Kennedy Retorno

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	15	8	0	3	0	25	46	26	12:00	12:15	163	28	2	2	0	186	655	195
0:15	0:30	9	3	0	0	0	11		12	12:15	12:30	151	18	0	1	0	162		170
0:30	0:45	1	2	0	0	0	2		3	12:30	12:45	128	20	1	3	0	147		152
0:45	1:00	8	1	0	0	0	9		9	12:45	13:00	134	30	2	3	0	160		169
1:00	1:15	4	1	0	0	0	5	18	5	13:00	13:15	161	34	0	4	0	186	707	199
1:15	1:30	3	1	0	0	0	4		4	13:15	13:30	148	35	1	0	0	168		184
1:30	1:45	5	1	0	0	0	6		6	13:30	13:45	152	32	0	2	0	172		186
1:45	2:00	4	1	0	0	0	5		5	13:45	14:00	151	32	3	3	0	181		189
2:00	2:15	3	0	0	0	0	3	10	3	14:00	14:15	128	25	0	1	0	143	588	154
2:15	2:30	0	1	0	0	0	1		1	14:15	14:30	136	29	1	3	0	159		169
2:30	2:45	2	1	1	0	0	5		4	14:30	14:45	128	26	0	1	0	143		155
2:45	3:00	1	0	0	0	0	1		1	14:45	15:00	119	26	2	3	0	143		150
3:00	3:15	1	0	0	0	0	1	7	1	15:00	15:15	111	25	1	1	0	128	571	138
3:15	3:30	1	2	0	0	0	2		3	15:15	15:30	125	21	1	3	0	144		150
3:30	3:45	0	0	0	0	0	0		0	15:30	15:45	145	16	0	3	0	159		164
3:45	4:00	3	1	0	0	0	4		4	15:45	16:00	121	24	2	1	0	140		148
4:00	4:15	1	0	0	0	0	1	8	1	16:00	16:15	121	23	1	3	0	141	570	148
4:15	4:30	1	0	0	0	0	1		1	16:15	16:30	128	22	2	1	0	146		153
4:30	4:45	2	2	0	0	0	3		4	16:30	16:45	127	19	1	3	0	145		150
4:45	5:00	2	1	0	0	0	3		3	16:45	17:00	115	18	3	3	0	138		139
5:00	5:15	1	2	0	0	0	2	31	3	17:00	17:15	111	25	2	1	0	131	594	139
5:15	5:30	3	2	0	0	0	4		5	17:15	17:30	142	11	0	2	0	152		155
5:30	5:45	6	4	0	0	0	8		10	17:30	17:45	143	28	1	2	0	164		174
5:45	6:00	10	5	0	2	0	17		17	17:45	18:00	127	34	1	1	0	149		163
6:00	6:15	9	5	0	1	0	14	139	15	18:00	18:15	139	57	1	4	0	178	613	201
6:15	6:30	22	11	0	3	0	34		36	18:15	18:30	118	43	1	3	0	148		165
6:30	6:45	26	8	0	3	0	36		37	18:30	18:45	143	28	0	2	0	161		173
6:45	7:00	45	17	0	1	0	56		63	18:45	19:00	112	20	0	2	0	126		134
7:00	7:15	70	13	0	4	0	85	338	87	19:00	19:15	136	29	0	3	0	157	585	168
7:15	7:30	59	11	0	1	0	67		71	19:15	19:30	150	16	0	4	0	166		170
7:30	7:45	75	13	1	2	0	88		91	19:30	19:45	132	24	0	3	0	150		159
7:45	8:00	79	27	0	3	0	99		109	19:45	20:00	101	23	0	0	0	113		124
8:00	8:15	69	11	1	4	0	85	372	85	20:00	20:15	80	12	0	3	0	92	359	95
8:15	8:30	77	18	1	2	0	93		98	20:15	20:30	87	15	0	0	0	95		102
8:30	8:45	69	22	1	2	0	87		94	20:30	20:45	77	15	0	2	0	89		94
8:45	9:00	89	24	1	2	0	108		116	20:45	21:00	79	9	0	0	0	84		88
9:00	9:15	88	19	1	2	0	104	495	110	21:00	21:15	74	6	0	2	0	81	270	82
9:15	9:30	95	18	0	0	0	104		113	21:15	21:30	51	11	1	0	0	59		63
9:30	9:45	119	26	0	4	0	140		149	21:30	21:45	52	9	0	2	0	61		63
9:45	10:00	130	19	2	1	0	147		152	21:45	22:00	64	10	0	0	0	69		74
10:00	10:15	149	24	1	2	0	168	568	176	22:00	22:15	54	18	0	2	0	67	261	74
10:15	10:30	111	22	3	1	0	132		137	22:15	22:30	56	18	0	0	0	65		74
10:30	10:45	122	16	2	2	0	139		142	22:30	22:45	51	17	0	10	0	80		78
10:45	11:00	109	13	4	2	0	130		128	22:45	23:00	38	6	0	4	0	49		48
11:00	11:15	128	20	0	0	0	138	653	148	23:00	23:15	24	9	0	4	0	37	83	37
11:15	11:30	146	31	5	3	0	180		185	23:15	23:30	18	3	0	0	0	20		21
11:30	11:45	147	18	0	2	0	160		167	23:30	23:45	9	4	0	2	0	15		15
11:45	12:00	145	29	3	4	0	175		181	23:45	0:00	11	1	0	0	0	12		12

Movimento Contado

1 > 3 Av. Pres. Kennedy em frente



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	77	9	0	0	0	82	86
1:00	2:00	28	6	0	0	0	31	34
2:00	3:00	24	2	0	0	0	25	26
3:00	4:00	12	1	0	0	0	13	13
4:00	5:00	10	1	0	0	0	11	11
5:00	6:00	36	22	3	0	0	55	61
6:00	7:00	202	55	2	4	0	243	263
7:00	8:00	482	155	9	4	0	590	650
8:00	9:00	487	131	20	1	0	605	639
9:00	10:00	464	103	26	0	0	581	593
10:00	11:00	492	87	13	0	0	568	592
11:00	12:00	747	99	17	2	0	843	865

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	816	109	14	4	0	914	943
13:00	14:00	649	104	20	0	0	751	773
14:00	15:00	609	110	16	0	0	704	735
15:00	16:00	617	106	17	0	0	713	740
16:00	17:00	752	105	15	1	0	844	873
17:00	18:00	941	125	9	1	0	1028	1076
18:00	19:00	1033	163	4	1	0	1127	1201
19:00	20:00	763	97	0	3	0	818	863
20:00	21:00	488	54	0	0	0	515	542
21:00	22:00	406	39	0	1	0	428	446
22:00	23:00	354	32	1	7	0	387	394
23:00	0:00	133	18	1	2	0	149	154

Movimento Contado

1 > 3

Av. Pres. Kennedy 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	20	4	0	0	0	22	82	24	12:00	12:15	230	24	5	1	0	257	914	260
0:15	0:30	35	4	0	0	0	37		39	12:15	12:30	234	25	4	2	0	261		265
0:30	0:45	12	1	0	0	0	13		13	12:30	12:45	204	30	2	1	0	226		237
0:45	1:00	10	0	0	0	0	10		10	12:45	13:00	148	30	3	0	0	171		181
1:00	1:15	5	3	0	0	0	7	31	8	13:00	13:15	152	22	1	0	0	166	751	175
1:15	1:30	8	0	0	0	0	8		8	13:15	13:30	166	26	7	0	0	197		199
1:30	1:45	8	2	0	0	0	9		10	13:30	13:45	163	20	6	0	0	188		189
1:45	2:00	7	1	0	0	0	8		8	13:45	14:00	168	36	6	0	0	201		210
2:00	2:15	9	1	0	0	0	10	25	10	14:00	14:15	180	27	3	0	0	201	704	210
2:15	2:30	5	1	0	0	0	6		6	14:15	14:30	147	34	3	0	0	172		184
2:30	2:45	2	0	0	0	0	2		2	14:30	14:45	138	20	6	0	0	163		164
2:45	3:00	8	0	0	0	0	8		8	14:45	15:00	144	29	4	0	0	169		177
3:00	3:15	0	0	0	0	0	0	13	0	15:00	15:15	148	32	6	0	0	179	713	186
3:15	3:30	3	1	0	0	0	4		4	15:15	15:30	134	13	6	0	0	156		153
3:30	3:45	3	0	0	0	0	3		3	15:30	15:45	166	32	5	0	0	195		203
3:45	4:00	6	0	0	0	0	6		6	15:45	16:00	169	29	0	0	0	184		198
4:00	4:15	3	1	0	0	0	4	11	4	16:00	16:15	180	34	5	0	0	210	844	219
4:15	4:30	1	0	0	0	0	1		1	16:15	16:30	202	28	5	0	0	229		235
4:30	4:45	4	0	0	0	0	4		4	16:30	16:45	177	21	4	0	0	198		202
4:45	5:00	2	0	0	0	0	2		2	16:45	17:00	193	22	1	1	0	209		217
5:00	5:15	8	1	2	0	0	14	55	11	17:00	17:15	234	32	3	1	0	260	1028	270
5:15	5:30	2	4	0	0	0	4		6	17:15	17:30	214	24	3	0	0	234		241
5:30	5:45	12	4	1	0	0	17		17	17:30	17:45	233	28	1	0	0	250		262
5:45	6:00	14	13	0	0	0	21		27	17:45	18:00	260	41	2	0	0	286		303
6:00	6:15	21	8	0	0	0	25	243	29	18:00	18:15	293	60	1	0	0	326	1127	354
6:15	6:30	20	5	0	0	0	23		25	18:15	18:30	290	35	2	0	0	313		327
6:30	6:45	47	20	2	1	0	64		70	18:30	18:45	233	38	0	0	0	252		271
6:45	7:00	114	22	0	3	0	131		139	18:45	19:00	217	30	1	1	0	237		249
7:00	7:15	104	26	2	3	0	128	590	135	19:00	19:15	242	25	0	1	0	257	818	268
7:15	7:30	112	25	2	1	0	132		140	19:15	19:30	207	33	0	2	0	228		242
7:30	7:45	144	37	0	0	0	163		181	19:30	19:45	154	19	0	0	0	164		173
7:45	8:00	122	67	5	0	0	168		194	19:45	20:00	160	20	0	0	0	170		180
8:00	8:15	127	35	2	0	0	150	605	164	20:00	20:15	135	15	0	0	0	143	515	150
8:15	8:30	126	32	3	1	0	152		162	20:15	20:30	110	17	0	0	0	119		127
8:30	8:45	113	37	9	0	0	154		159	20:30	20:45	127	11	0	0	0	133		138
8:45	9:00	121	27	6	0	0	150		154	20:45	21:00	116	11	0	0	0	122		127
9:00	9:15	126	25	6	0	0	154	581	157	21:00	21:15	109	9	0	0	0	114	428	118
9:15	9:30	101	27	9	0	0	137		137	21:15	21:30	119	12	0	1	0	127		132
9:30	9:45	136	23	5	0	0	160		164	21:30	21:45	94	8	0	0	0	98		102
9:45	10:00	101	28	6	0	0	130		135	21:45	22:00	84	10	0	0	0	89		94
10:00	10:15	107	16	4	0	0	125	568	127	22:00	22:15	108	8	0	0	0	112	387	116
10:15	10:30	120	27	2	0	0	139		149	22:15	22:30	111	8	0	0	0	115		119
10:30	10:45	136	27	4	0	0	160		167	22:30	22:45	84	5	1	5	0	99		95
10:45	11:00	129	17	3	0	0	145		149	22:45	23:00	51	11	0	2	0	61		64
11:00	11:15	166	18	5	0	0	188	843	189	23:00	23:15	49	6	0	1	0	54	149	56
11:15	11:30	176	27	4	1	0	202		208	23:15	23:30	38	4	1	0	0	43		43
11:30	11:45	220	25	6	0	0	248		251	23:30	23:45	21	5	0	0	0	24		26
11:45	12:00	185	29	2	1	0	207		217	23:45	0:00	25	3	0	1	0	29		29

Movimento Contado

1 > 4

Av. Pres. Kennedy conv à dir. R. Maria da Glória Machado Santa Ana



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	0	0	0	0	0	0	0
2:00	3:00	0	0	0	0	0	0	0
3:00	4:00	0	0	0	0	0	0	0
4:00	5:00	0	0	0	0	0	0	0
5:00	6:00	0	0	0	0	0	0	0
6:00	7:00	1	0	0	0	0	1	1
7:00	8:00	7	1	0	0	0	8	8
8:00	9:00	9	2	0	0	0	10	11
9:00	10:00	8	1	1	0	0	11	10
10:00	11:00	4	2	0	0	0	5	6
11:00	12:00	11	1	1	0	0	14	13

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

Movimento Contado

1 > 4

Av. Pres. Kennedy conv à dir. R. Maria da Glória Machado Santa Ana

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

Movimento Contado

3 > 1 Av. Pres. Kennedy em frente



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	91	17	0	0	0	100	108
1:00	2:00	35	3	0	0	0	37	38
2:00	3:00	12	4	0	0	0	14	16
3:00	4:00	11	0	0	0	0	11	11
4:00	5:00	15	1	1	0	0	18	17
5:00	6:00	56	19	1	5	0	78	81
6:00	7:00	373	78	3	8	0	436	462
7:00	8:00	1171	176	9	3	0	1288	1359
8:00	9:00	1093	136	17	0	0	1204	1246
9:00	10:00	914	128	28	0	0	1048	1070
10:00	11:00	719	118	27	1	0	848	865
11:00	12:00	701	143	20	3	0	829	867

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	935	176	19	4	0	1079	1134
13:00	14:00	1023	154	14	1	0	1137	1192
14:00	15:00	978	137	21	1	0	1101	1137
15:00	16:00	804	144	20	1	0	928	969
16:00	17:00	739	132	13	2	0	842	886
17:00	18:00	898	160	19	2	0	1030	1079
18:00	19:00	909	195	8	6	0	1039	1118
19:00	20:00	906	81	2	2	0	956	991
20:00	21:00	586	80	2	0	0	631	668
21:00	22:00	396	61	0	0	0	427	457
22:00	23:00	283	79	0	3	0	329	365
23:00	0:00	139	23	0	4	0	159	166

Movimento Contado

3 > 1

Av. Pres. Kennedy 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	28	3	0	0	0	30	100	31	12:00	12:15	208	50	9	0	0	256	1079	267
0:15	0:30	28	9	0	0	0	33		37	12:15	12:30	190	38	5	1	0	224		234
0:30	0:45	15	3	0	0	0	17		18	12:30	12:45	257	38	1	2	0	283		298
0:45	1:00	20	2	0	0	0	21		22	12:45	13:00	280	50	4	1	0	317		335
1:00	1:15	13	0	0	0	0	13	37	13	13:00	13:15	231	33	4	0	0	258	1137	268
1:15	1:30	5	0	0	0	0	5		5	13:15	13:30	238	28	5	0	0	265		271
1:30	1:45	10	0	0	0	0	10		10	13:30	13:45	285	48	4	1	0	321		338
1:45	2:00	7	3	0	0	0	9		10	13:45	14:00	269	45	1	0	0	294		315
2:00	2:15	3	1	0	0	0	4	14	4	14:00	14:15	278	36	5	0	0	309	1101	319
2:15	2:30	3	1	0	0	0	4		4	14:15	14:30	234	40	1	1	0	259		276
2:30	2:45	4	0	0	0	0	4		4	14:30	14:45	223	34	9	0	0	263		266
2:45	3:00	2	2	0	0	0	3		4	14:45	15:00	243	27	6	0	0	272		276
3:00	3:15	3	0	0	0	0	3	11	3	15:00	15:15	213	39	0	1	0	235	928	253
3:15	3:30	3	0	0	0	0	3		3	15:15	15:30	194	26	5	0	0	220		225
3:30	3:45	1	0	0	0	0	1		1	15:30	15:45	179	44	11	0	0	229		234
3:45	4:00	4	0	0	0	0	4		4	15:45	16:00	218	35	4	0	0	246		257
4:00	4:15	6	0	0	0	0	6	18	6	16:00	16:15	171	34	3	1	0	198	842	209
4:15	4:30	2	0	0	0	0	2		2	16:15	16:30	172	39	3	0	0	199		214
4:30	4:45	4	0	0	0	0	4		4	16:30	16:45	211	37	5	0	0	242		253
4:45	5:00	3	1	1	0	0	6		5	16:45	17:00	185	22	2	1	0	203		210
5:00	5:15	5	2	0	1	0	8	78	8	17:00	17:15	208	44	8	0	0	250	1030	260
5:15	5:30	11	2	0	1	0	14		14	17:15	17:30	237	37	5	0	0	268		279
5:30	5:45	15	5	0	3	0	24		23	17:30	17:45	232	41	5	1	0	267		279
5:45	6:00	25	10	1	0	0	33		36	17:45	18:00	221	38	1	1	0	245		261
6:00	6:15	45	12	1	0	0	54	436	58	18:00	18:15	219	72	3	0	0	263	1039	294
6:15	6:30	52	10	1	0	0	60		63	18:15	18:30	198	55	1	1	0	230		255
6:30	6:45	81	16	1	3	0	98		101	18:30	18:45	243	37	3	1	0	271		284
6:45	7:00	195	40	0	5	0	225		240	18:45	19:00	249	31	1	4	0	275		285
7:00	7:15	248	37	3	2	0	278	1288	290	19:00	19:15	241	19	0	2	0	255	956	262
7:15	7:30	286	30	3	0	0	309		319	19:15	19:30	228	22	0	0	0	239		250
7:30	7:45	284	45	0	1	0	309		330	19:30	19:45	219	18	0	0	0	228		237
7:45	8:00	353	64	3	0	0	393		420	19:45	20:00	218	22	2	0	0	234		242
8:00	8:15	346	46	5	0	0	382	1204	397	20:00	20:15	146	16	2	0	0	159	631	164
8:15	8:30	249	39	4	0	0	279		292	20:15	20:30	151	26	0	0	0	164		177
8:30	8:45	245	20	3	0	0	263		268	20:30	20:45	145	16	0	0	0	153		161
8:45	9:00	253	31	5	0	0	281		289	20:45	21:00	144	22	0	0	0	155		166
9:00	9:15	241	30	8	0	0	276	1048	279	21:00	21:15	110	19	0	0	0	120	427	129
9:15	9:30	243	31	8	0	0	279		282	21:15	21:30	103	12	0	0	0	109		115
9:30	9:45	209	30	7	0	0	242		246	21:30	21:45	87	13	0	0	0	94		100
9:45	10:00	221	37	5	0	0	252		263	21:45	22:00	96	17	0	0	0	105		113
10:00	10:15	188	26	5	0	0	214	848	219	22:00	22:15	99	33	0	1	0	118	329	133
10:15	10:30	173	26	7	0	0	204		206	22:15	22:30	73	22	0	1	0	86		96
10:30	10:45	190	35	6	1	0	225		232	22:30	22:45	66	10	0	1	0	73		77
10:45	11:00	168	31	9	0	0	206		208	22:45	23:00	45	14	0	0	0	52		59
11:00	11:15	191	27	9	0	0	227	829	227	23:00	23:15	47	11	0	0	0	53	159	58
11:15	11:30	177	24	5	1	0	204		207	23:15	23:30	30	5	0	1	0	35		36
11:30	11:45	175	47	4	2	0	213		228	23:30	23:45	29	2	0	2	0	34		33
11:45	12:00	158	45	2	0	0	186		205	23:45	0:00	33	5	0	1	0	38		39

Movimento Contado

4 > 1

R. Maria da Glória Machado Santa Ana conv à esq. Av. Pres. Kennedy



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	0	0	0	0	0	0	0
2:00	3:00	0	0	0	0	0	0	0
3:00	4:00	0	0	0	0	0	0	0
4:00	5:00	0	0	0	0	0	0	0
5:00	6:00	0	0	0	0	0	0	0
6:00	7:00	3	0	0	0	0	3	3
7:00	8:00	5	0	0	0	0	5	5
8:00	9:00	3	0	0	0	0	3	3
9:00	10:00	6	0	0	0	0	6	6
10:00	11:00	6	0	0	0	0	6	6
11:00	12:00	6	0	0	0	0	6	6

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

Movimento Contado

4 > 1

R. Maria da Glória Machado Santa Ana conv à esq. Av. Pres. Kennedy

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

Movimento Contado

4 > 3

R. Maria da Glória Machado Santa Ana conv à dir. Av. Pres. Kennedy



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	0	0	0	0	0	0	0
2:00	3:00	0	0	0	0	0	0	0
3:00	4:00	0	0	0	0	0	0	0
4:00	5:00	0	0	0	0	0	0	0
5:00	6:00	1	0	0	0	0	1	1
6:00	7:00	2	0	0	0	0	2	2
7:00	8:00	4	1	0	0	0	5	5
8:00	9:00	4	2	0	0	0	5	6
9:00	10:00	4	0	1	0	0	7	5
10:00	11:00	2	1	0	0	0	3	3
11:00	12:00	5	3	0	0	0	7	8

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

Movimento Contado

4 > 3

R. Maria da Glória Machado Santa Ana conv à dir. Av. Pres. Kennedy

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