

# **RELATÓRIO DE PESQUISAS**

## **CONTAGEM VOLUMÉTRICA CLASSIFICADA EM INTERSEÇÃO COMPLEXA E/OU ROTATÓRIA (16)**

**356 - Av. Costábile Romano(Sentido Oeste) X Rotatória**

**357 - Av. Leão XIII (Sentido Sul) X Rotatória**

**358 - Av. Costábile Romano(Sentido Leste) X Rotatória**

**359 - Av. Leão XIII (Sentido Norte) X Rotatória**

Ref.: RT-4378-01-200-3J21-R07\_A



**Ribeirão Preto - SP**

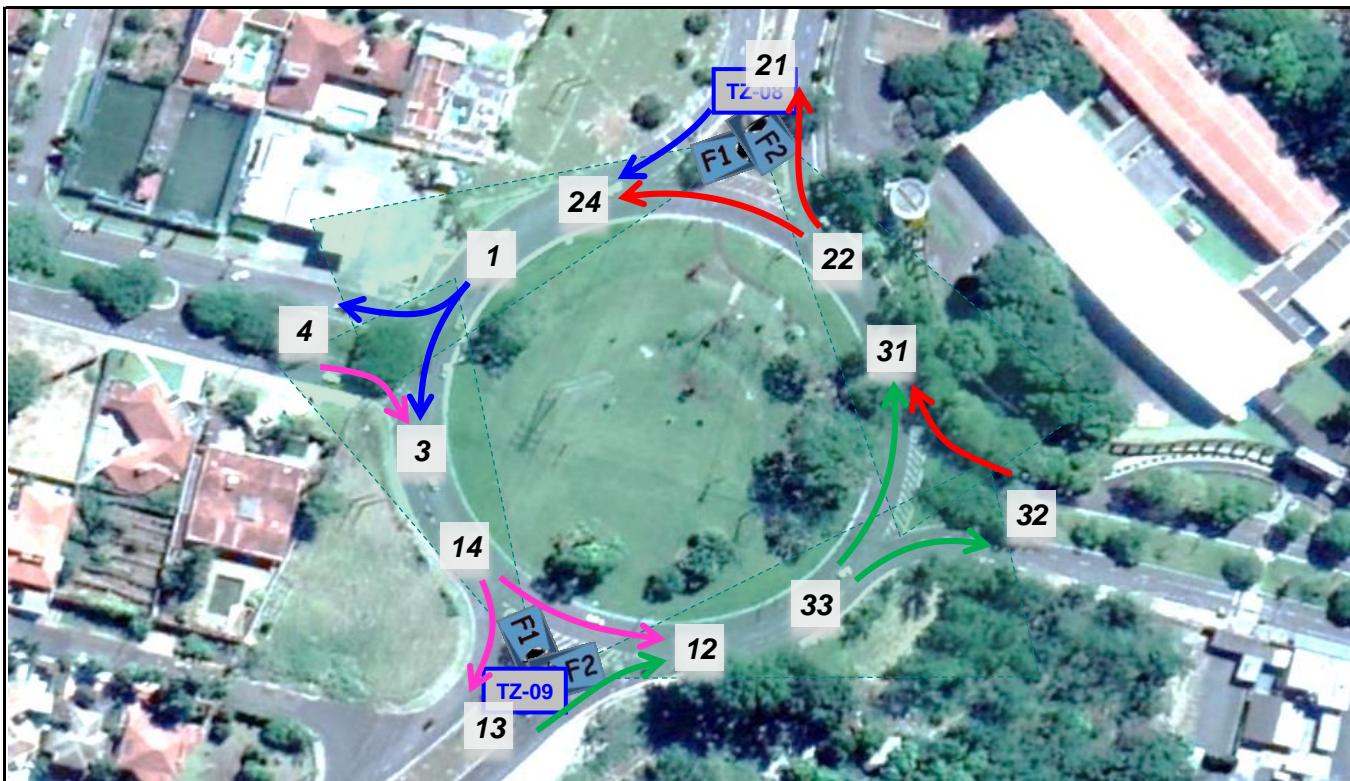
**Janeiro de 2019**

Responsável Técnico:

Fábio de Campos Bittencourt

CREA N°:

ART 28027230181266891

**Croquis****R07 - Praça Assis Chateaubriand****Vídeos**

Vídeos na próxima página.

**Movimentos Contados**

- |         |  |
|---------|--|
| 1 > 3   | Rotatória em frente                        |
| 1 > 4   | Rotatória conv à dir. Av. Costábile Romano |
| 4 > 3   | Av. Costábile conv à dir. Rotatória        |
| 13 > 12 | Av. Leão XIII conv à dir. Rotatória        |
| 14 > 12 | Rotatória em frente                        |
| 14 > 13 | Rotatória conv à dir. Av. Leão XIII        |
| 21 > 24 | Av. Leão XIII conv à dir. Rotatória        |
| 22 > 21 | Rotatória conv à dir. Av. Leão XIII        |
| 22 > 24 | Rotatória em frente                        |
| 32 > 31 | Av. Costábile conv à dir. Rotatória        |
| 33 > 31 | Rotatória em frente                        |
| 33 > 32 | Rotatória conv à dir. Av. Costábile Romano |

**Perfil Horário R07 - Praça Assis Chateaubriand**

**Perfil Horário R07 - Praça Assis Chateaubriand**

perna 1 PCU  
perna 4 PCU



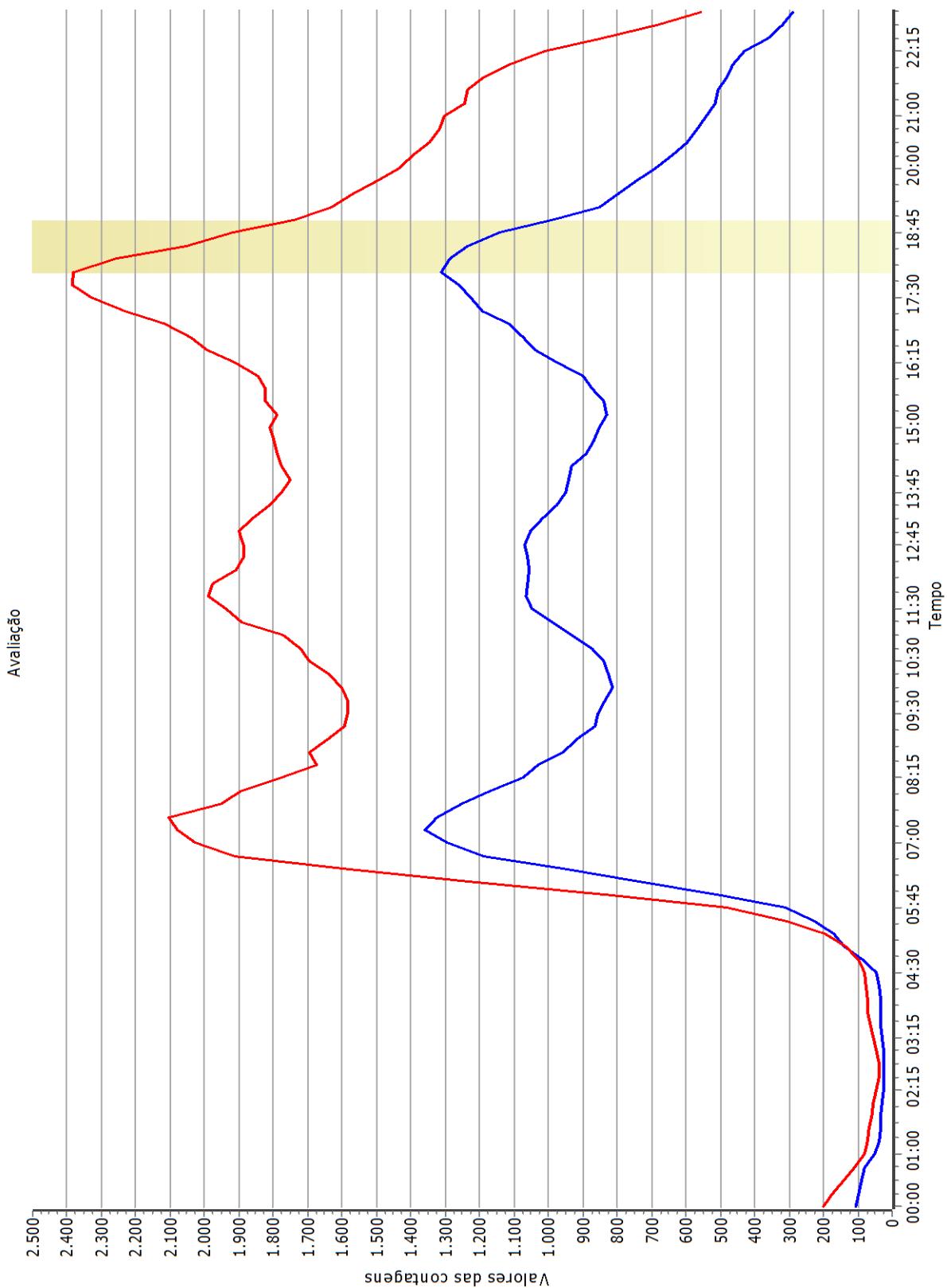
**Perfil Horário R07 - Praça Assis Chateaubriand**

perna 13 PCU  
perna 14 PCU



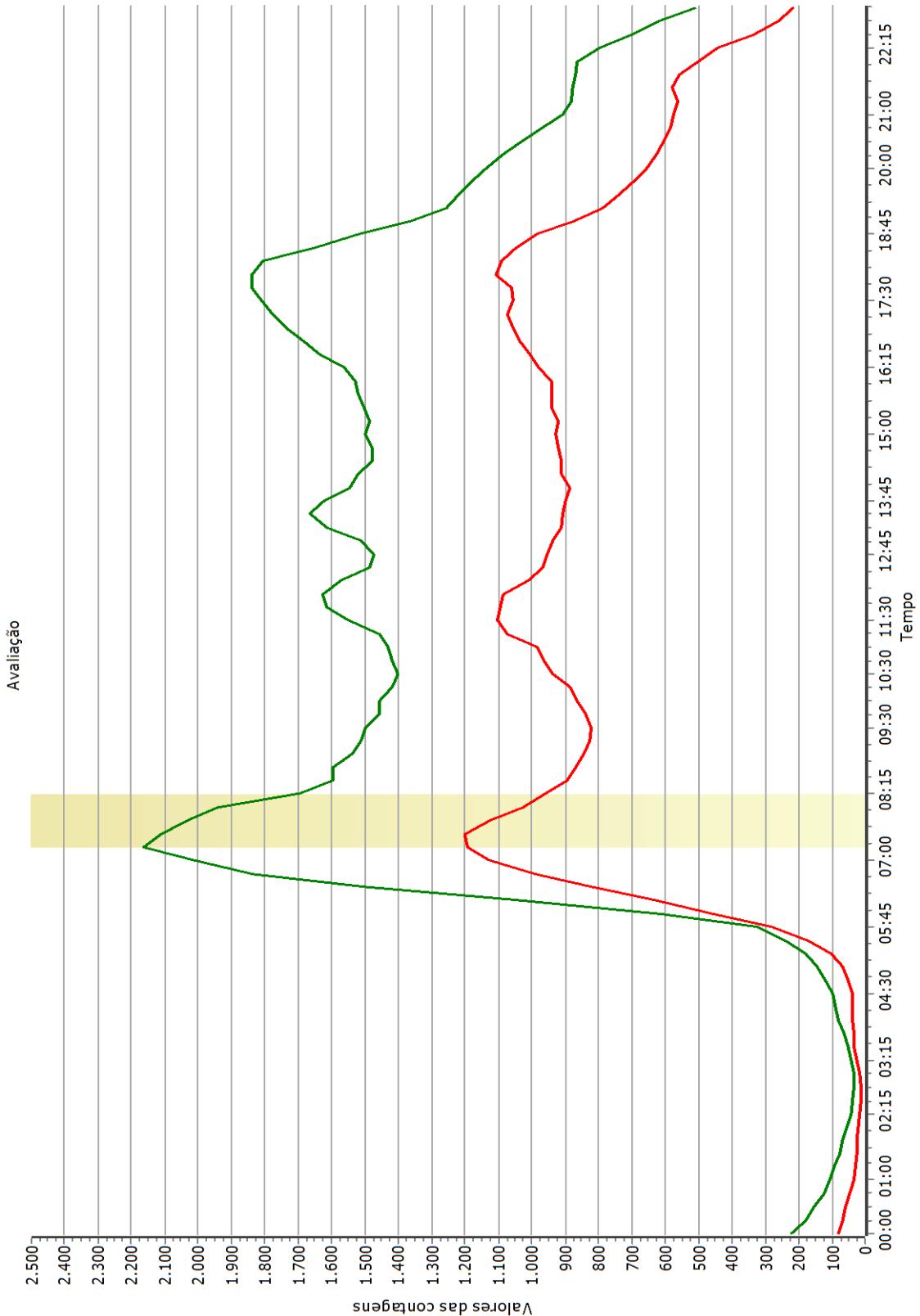
**Perfil Horário R07 - Praça Assis Chateaubriand**

perna 21 PCU  
perna 22 PCU



## Perfil Horário R07 - Praça Assis Chateaubriand

— perna 32 PCU  
— perna 33 PCU

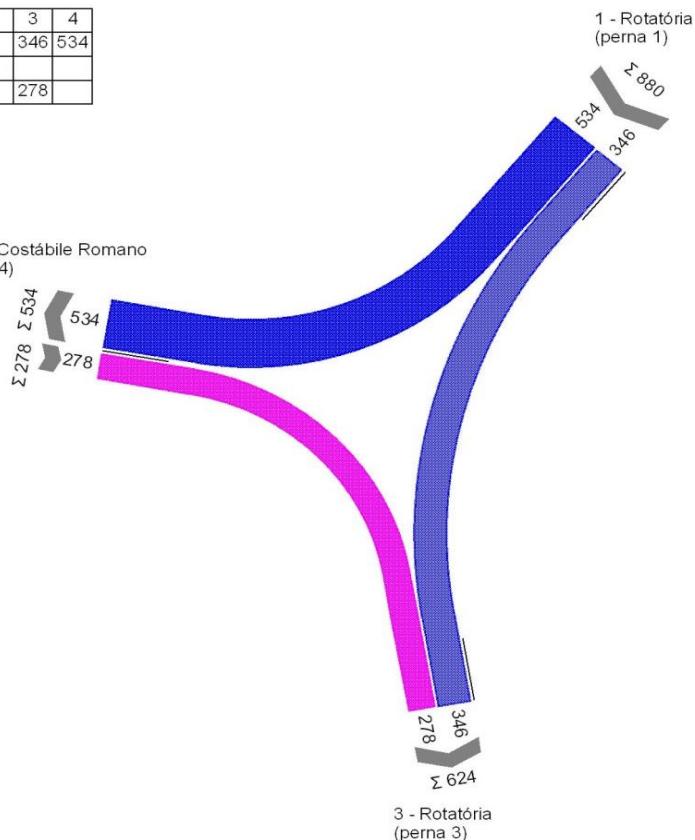


**Diagrama de Fluxos****R07 - Praça Assis Chateaubriand**

Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 06:00 - 07:00  
 On the basis of a time period 29.11.2018 06:00 - 29.11.2018 07:00  
 1158 PCU

De \ Para	1	3	4
1		346	534
3			
4		278	

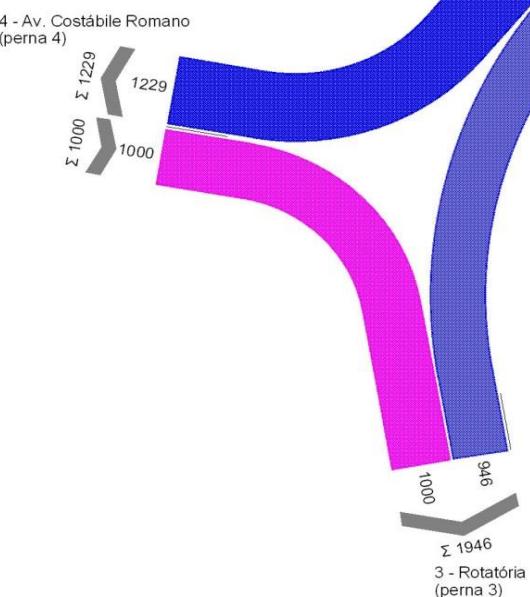
■ 20  
 ■ 100  
 ■ 500



Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 07:00 - 08:00  
 On the basis of a time period 29.11.2018 07:00 - 29.11.2018 08:00  
 3175 PCU

De \ Para	1	3	4
1		946	1229
3			
4		1000	

■ 100  
 ■ 500  
 ■ 1000



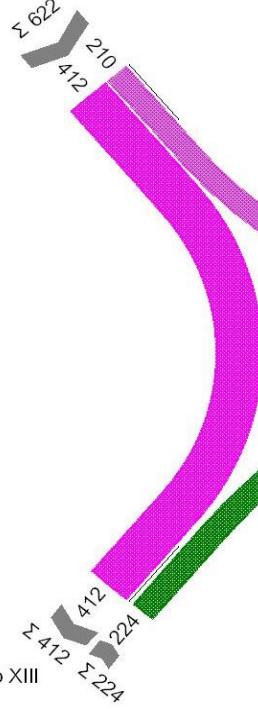
**Diagrama de Fluxos****R07 - Praça Assis Chateaubriand**

Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 06:00 - 07:00  
 On the basis of a time period 29.11.2018 06:00 - 29.11.2018 07:00  
 846 PCU

De \ Para	12	13	14
12			
13	224		
14	210	412	

Legend:  
 █ 20  
 █ 100  
 █ 400

14 - Rotatória  
 (perna 14)



12 - Rotatória  
 (perna 12)

210  
 224

13 - Av. Leão XIII  
 (perna 13)

Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 07:00 - 08:00  
 On the basis of a time period 29.11.2018 07:00 - 29.11.2018 08:00  
 2486 PCU

De \ Para	12	13	14
12			
13	700		
14	460	1326	

Legend:  
 █ 100  
 █ 500  
 █ 1000

14 - Rotatória  
 (perna 14)

1786  
 460  
 1326

13 - Av. Leão XIII  
 (perna 13)

12 - Rotatória  
 (perna 12)

460  
 700

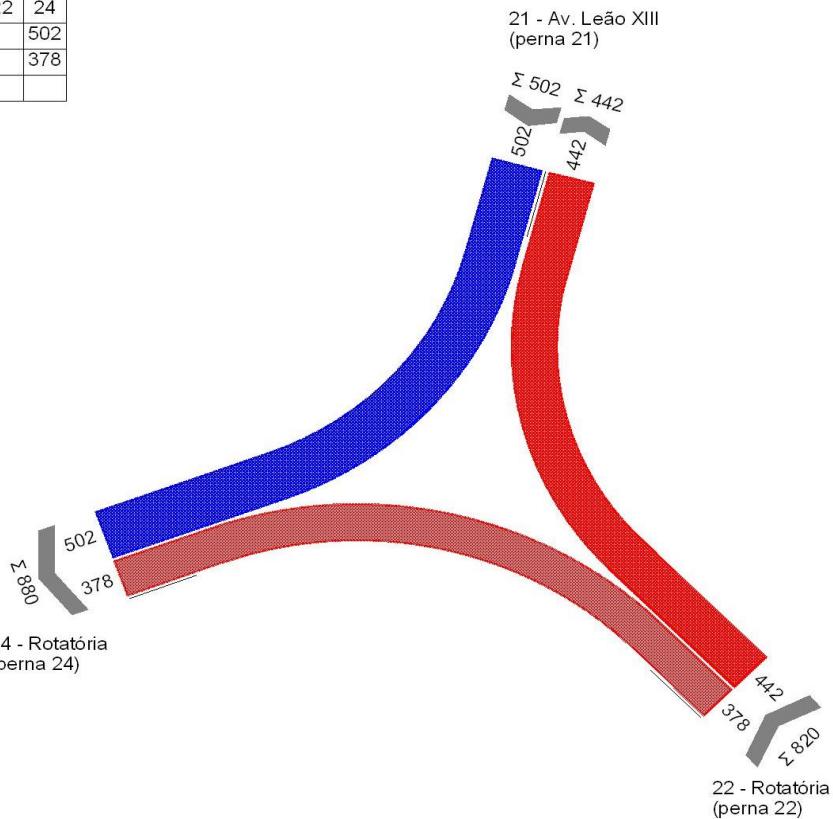
**Diagrama de Fluxos****R07 - Praça Assis Chateaubriand**

Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 06:00 - 07:00

On the basis of a time period 29.11.2018 06:00 - 29.11.2018 07:00  
 1322 PCU

De \ Para	21	22	24
21			502
22	442		378
24			

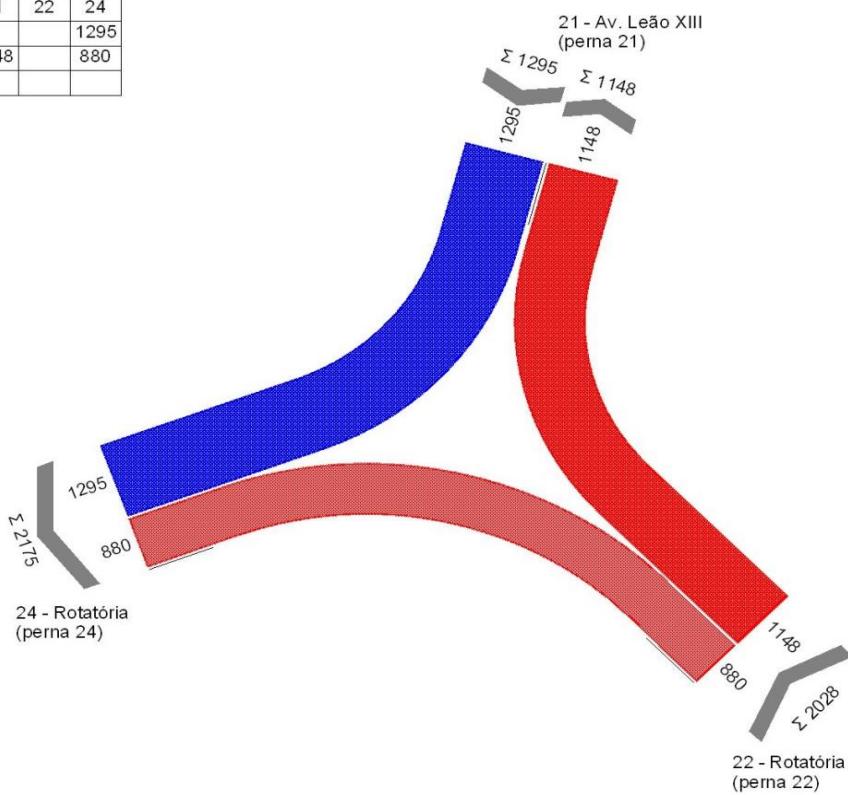
20  
 100  
 500



Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 07:00 - 08:00  
 On the basis of a time period 29.11.2018 07:00 - 29.11.2018 08:00  
 3323 PCU

De \ Para	21	22	24
21			1295
22	1148		880
24			

100  
 500  
 1000



**Diagrama de Fluxos****R07 - Praça Assis Chateaubriand**

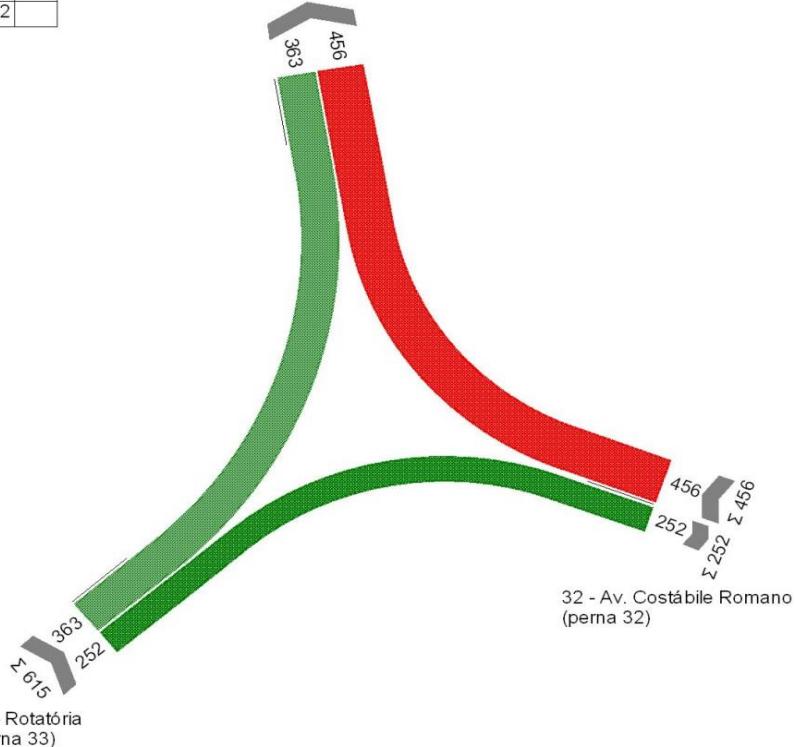
Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 06:00 - 07:00  
 On the basis of a time period 29.11.2018 06:00 - 29.11.2018 07:00  
 1071 PCU

De \ Para	31	32	33
31			
32	456		
33	363	252	

■ 20  
 □ 100  
 ▨ 400

31 - Rotatória  
 (perna 31)

$\Sigma 819$



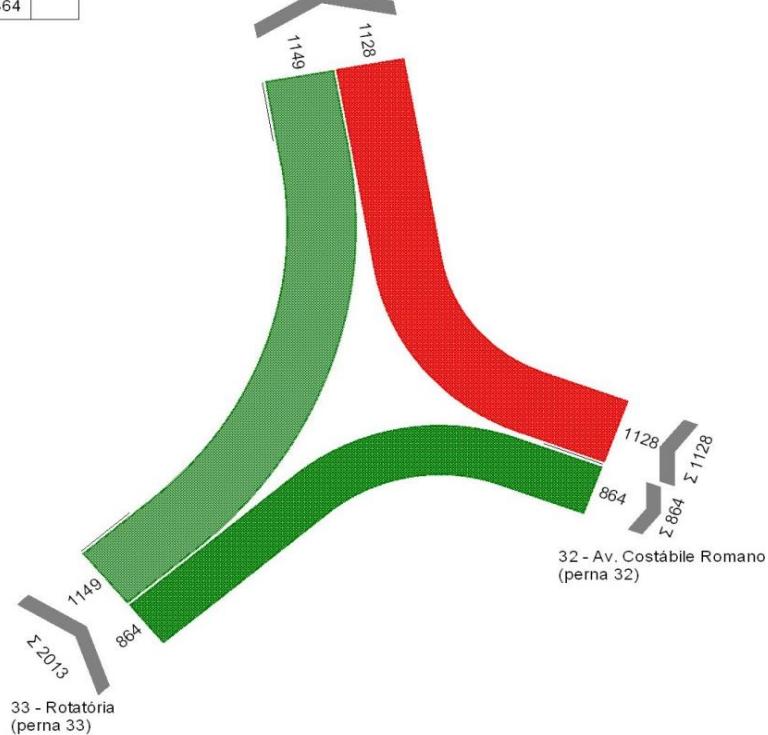
Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 07:00 - 08:00  
 On the basis of a time period 29.11.2018 07:00 - 29.11.2018 08:00  
 3141 PCU

De \ Para	31	32	33
31			
32	1128		
33	1149	864	

■ 100  
 □ 500  
 ▨ 1000

31 - Rotatória  
 (perna 31)

$\Sigma 2277$

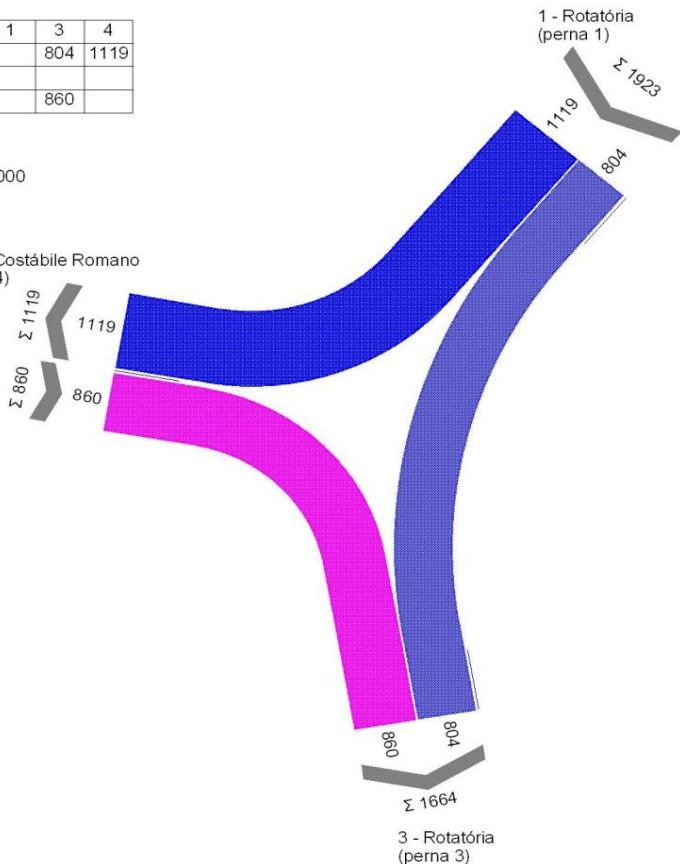


**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 08:00 - 09:00  
 On the basis of a time period 29.11.2018 08:00 - 29.11.2018 09:00  
 2783 PCU

De \ Para	1	3	4
1		804	1119
3			
4		860	

■ 100  
 ■ 500  
 ■ 1000

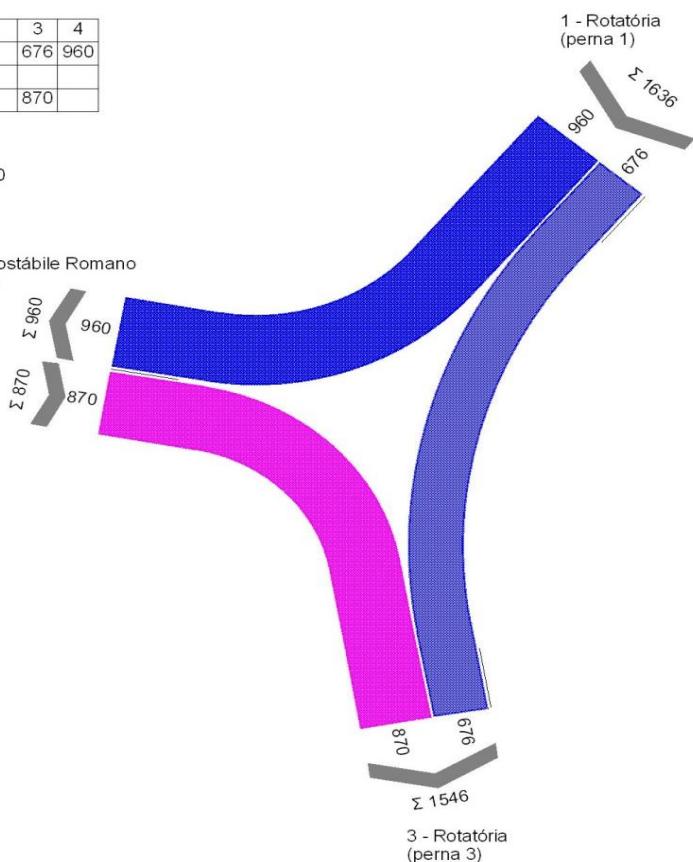


Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 09:00 - 10:00  
 On the basis of a time period 29.11.2018 09:00 - 29.11.2018 10:00  
 2506 PCU

De \ Para	1	3	4
1		676	960
3			
4		870	

■ 20  
 ■ 100  
 ■ 900

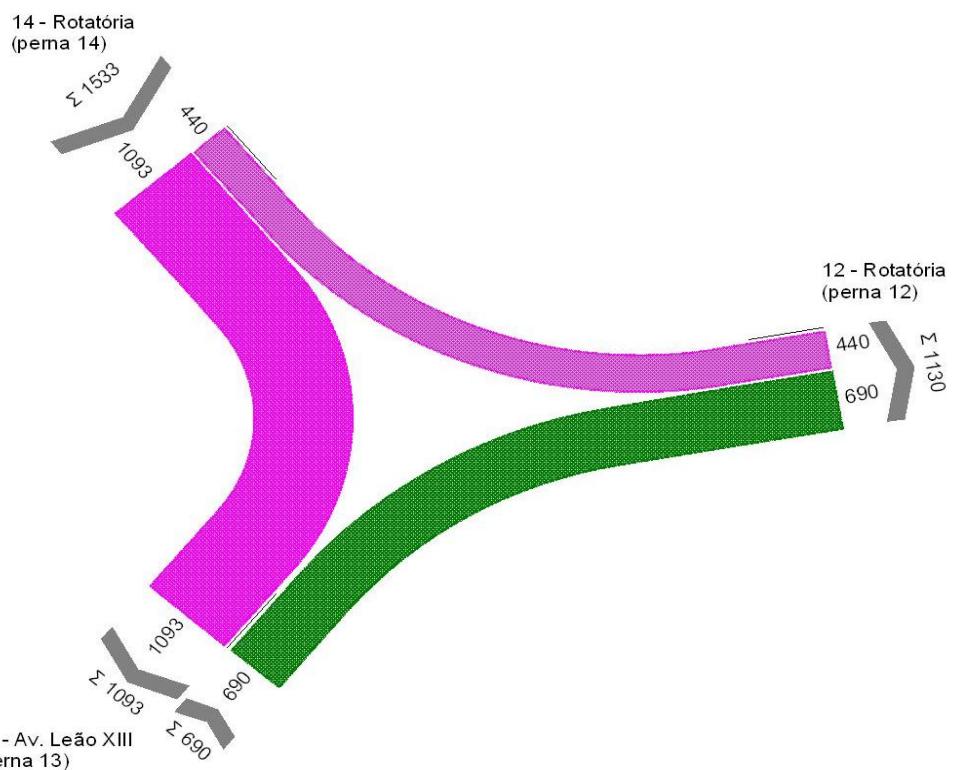
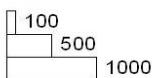
4 - Av. Costáble Romano (perna 4)



**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

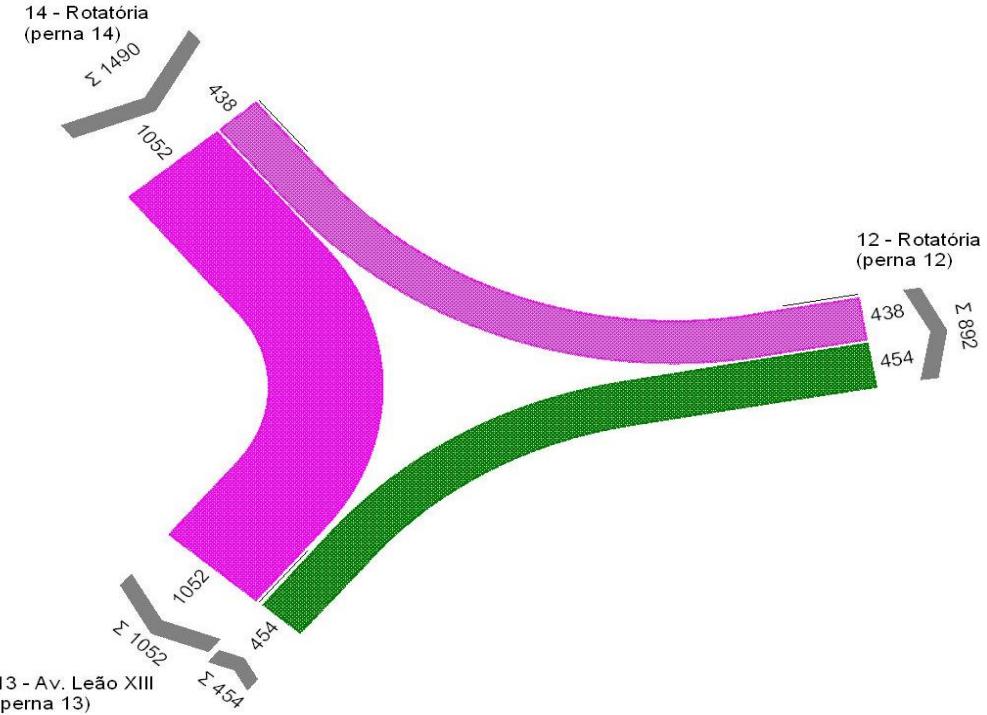
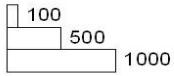
Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 08:00 - 09:00  
 On the basis of a time period 29.11.2018 08:00 - 29.11.2018 09:00  
 2223 PCU

De \ Para	12	13	14
12			
13	690		
14	440	1093	



Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 09:00 - 10:00  
 On the basis of a time period 29.11.2018 09:00 - 29.11.2018 10:00  
 1944 PCU

De \ Para	12	13	14
12			
13	454		
14	438	1052	

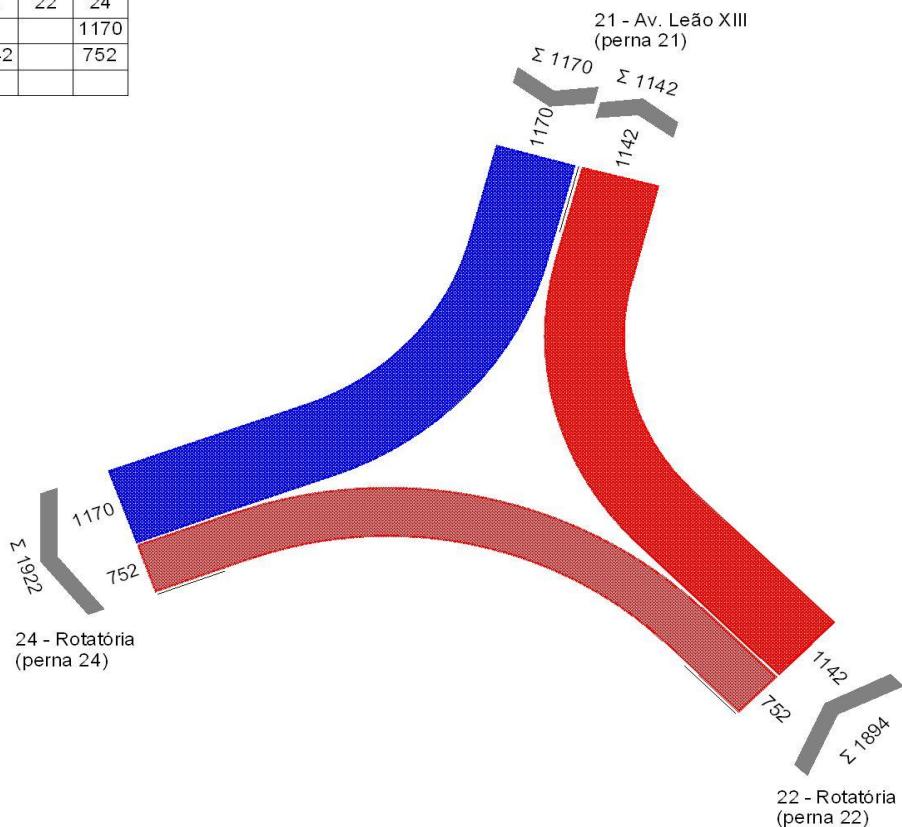


**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 08:00 - 09:00  
 On the basis of a time period 29.11.2018 08:00 - 29.11.2018 09:00  
 3064 PCU

De \ Para	21	22	24
21			1170
22	1142		752
24			

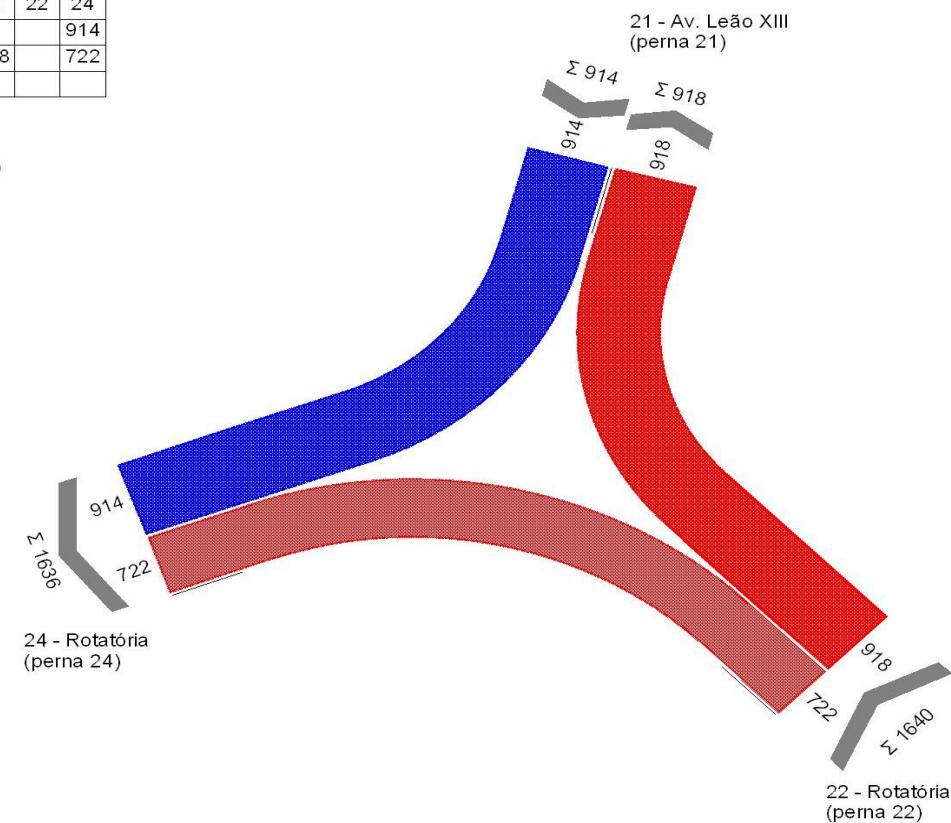
100
500
1000



Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 09:00 - 10:00  
 On the basis of a time period 29.11.2018 09:00 - 29.11.2018 10:00  
 2554 PCU

De \ Para	21	22	24
21			914
22	918		722
24			

20
100
900

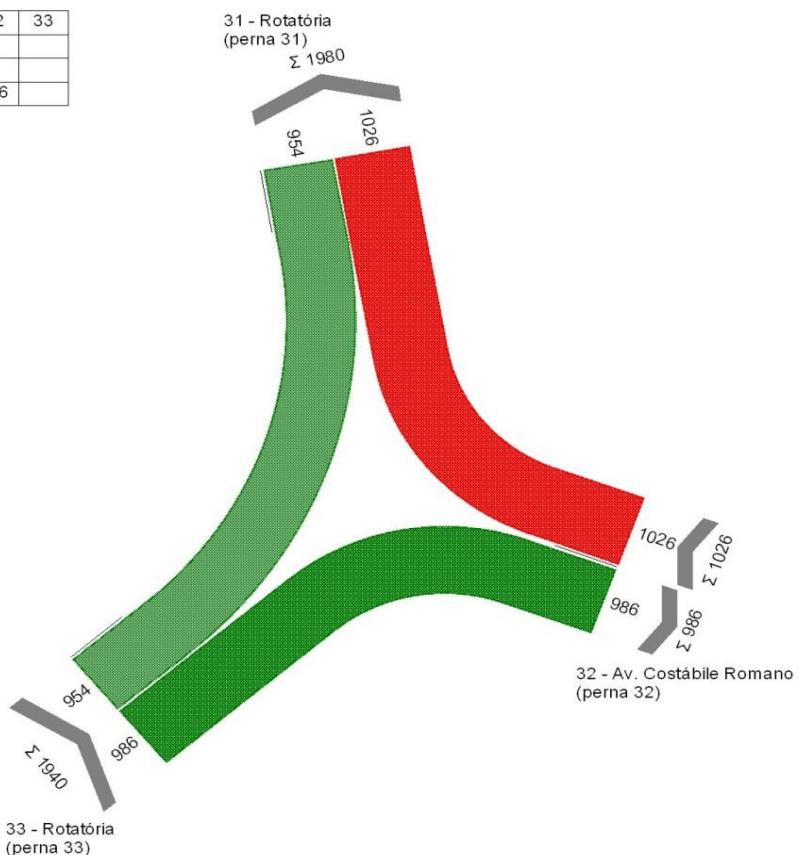


**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 08:00 - 09:00  
 On the basis of a time period 29.11.2018 08:00 - 29.11.2018 09:00  
 2966 PCU

De \ Para	31	32	33
31			
32	1026		
33	954	986	

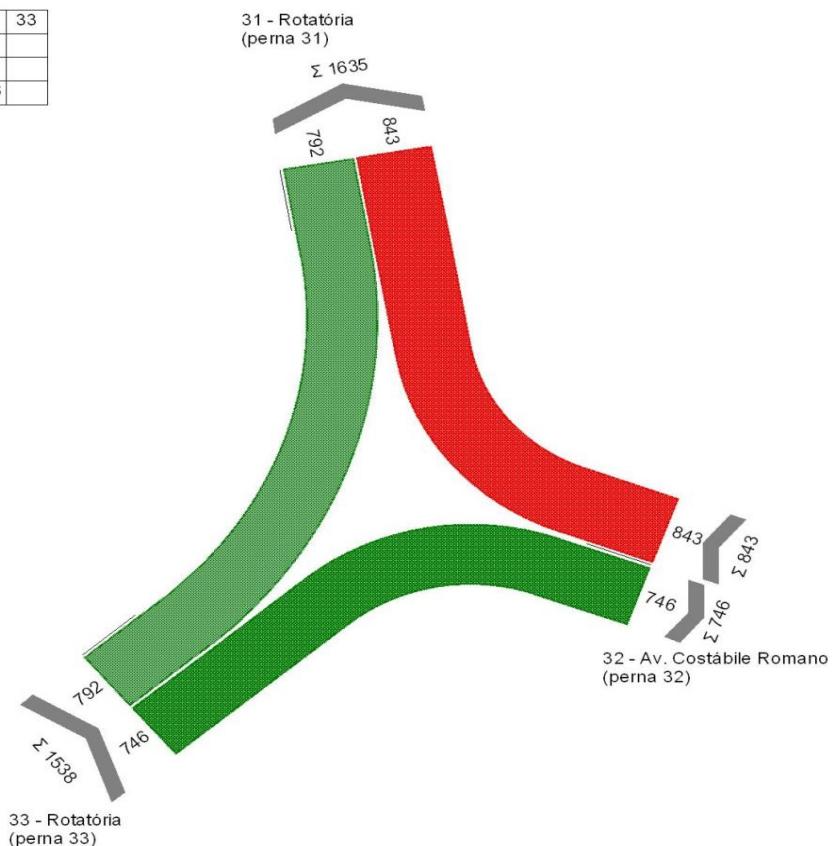
■ 100  
 ■ 500  
 ■ 1000



Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 09:00 - 10:00  
 On the basis of a time period 29.11.2018 09:00 - 29.11.2018 10:00  
 2381 PCU

De \ Para	31	32	33
31			
32	843		
33	792	746	

■ 20  
 ■ 100  
 ■ 800

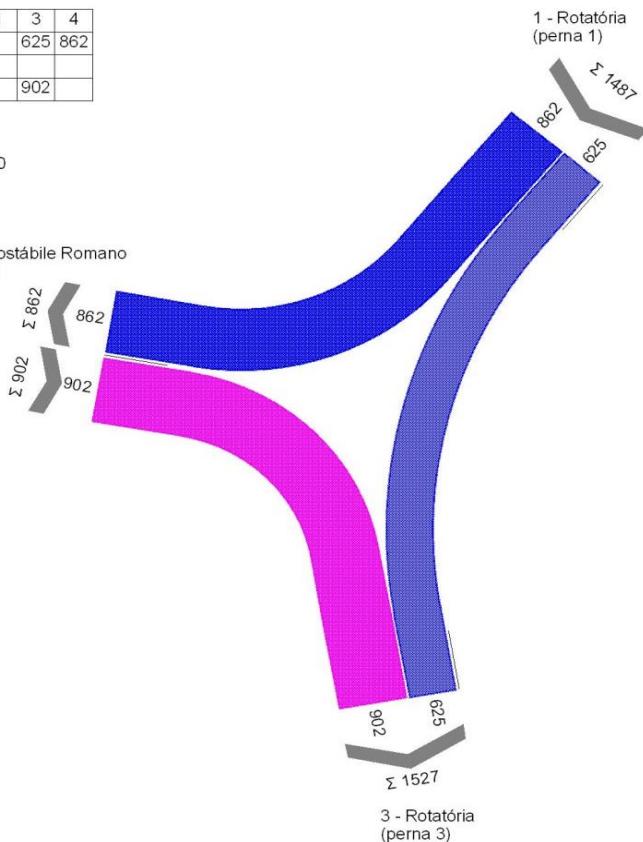


**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 10:00 - 11:00  
 On the basis of a time period 29.11.2018 10:00 - 29.11.2018 11:00  
 2389 PCU

De \ Para	1	3	4
1		625	862
3			
4		902	

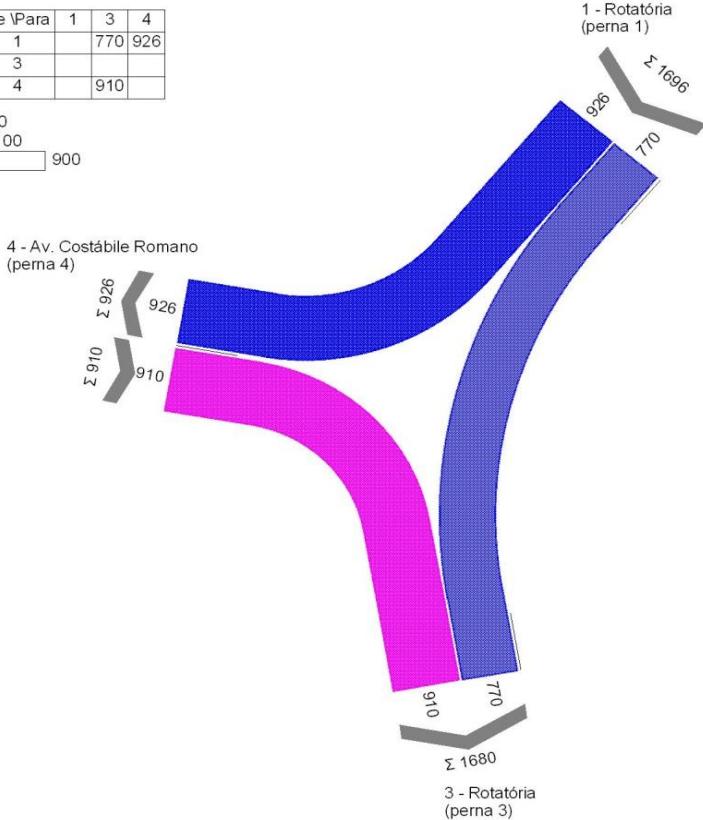
20  
 100  
 900



Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 11:00 - 12:00  
 On the basis of a time period 29.11.2018 11:00 - 29.11.2018 12:00  
 2606 PCU

De \ Para	1	3	4
1	770	926	
3			
4	910		

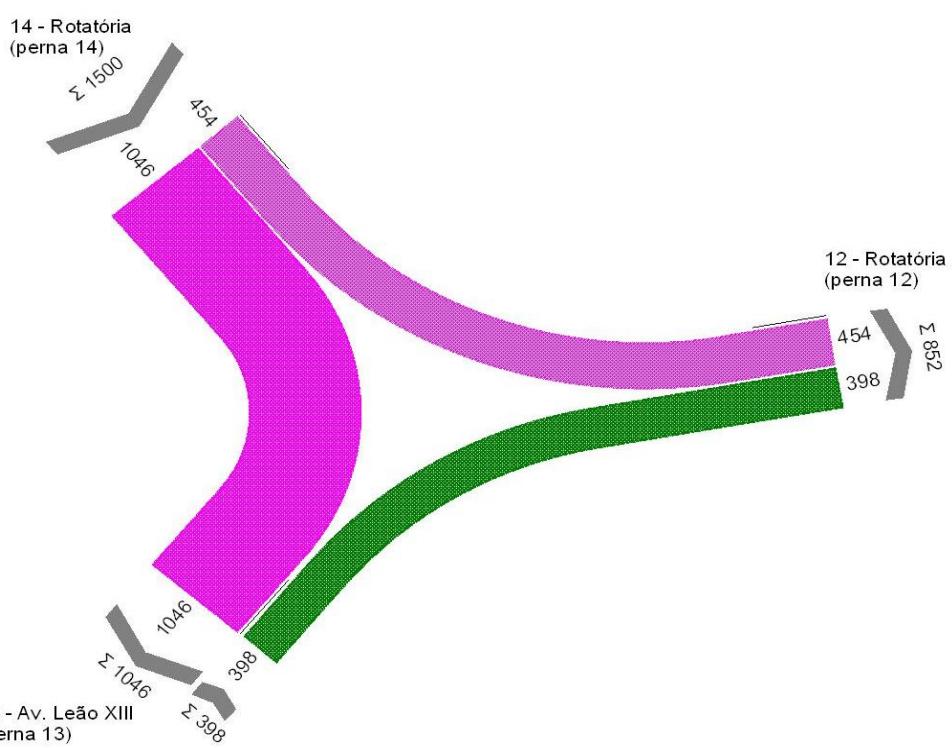
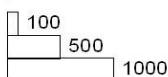
20  
 100  
 900



**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

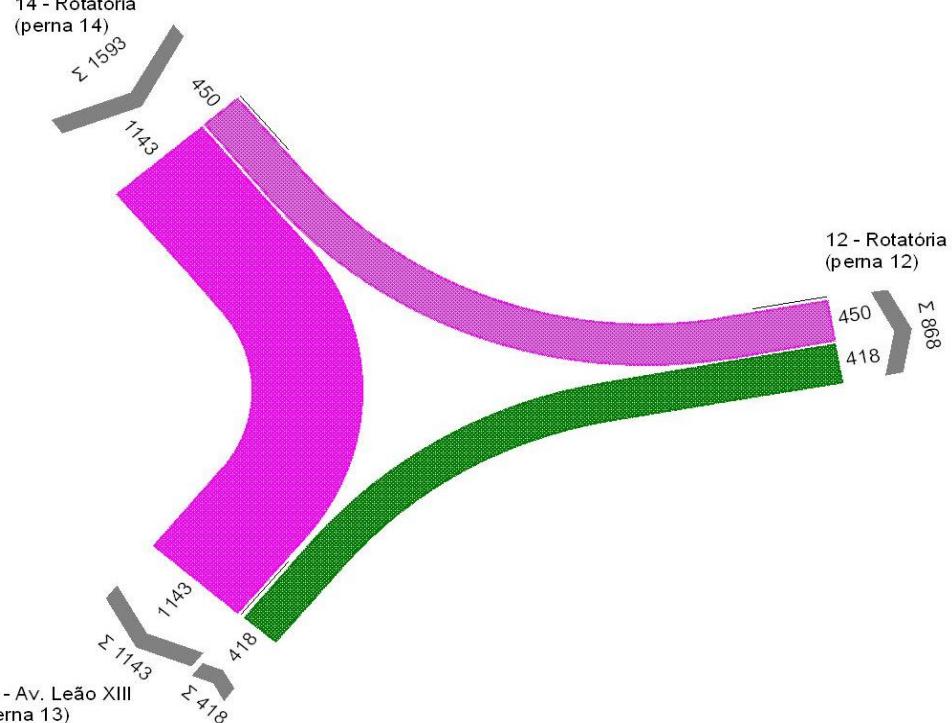
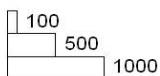
Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 10:00 - 11:00  
 On the basis of a time period 29.11.2018 10:00 - 29.11.2018 11:00  
 1898 PCU

De \ Para	12	13	14
12			
13	398		
14	454	1046	



Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 11:00 - 12:00  
 On the basis of a time period 29.11.2018 11:00 - 29.11.2018 12:00  
 2011 PCU

De \ Para	12	13	14
12			
13	418		
14	450	1143	



**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00

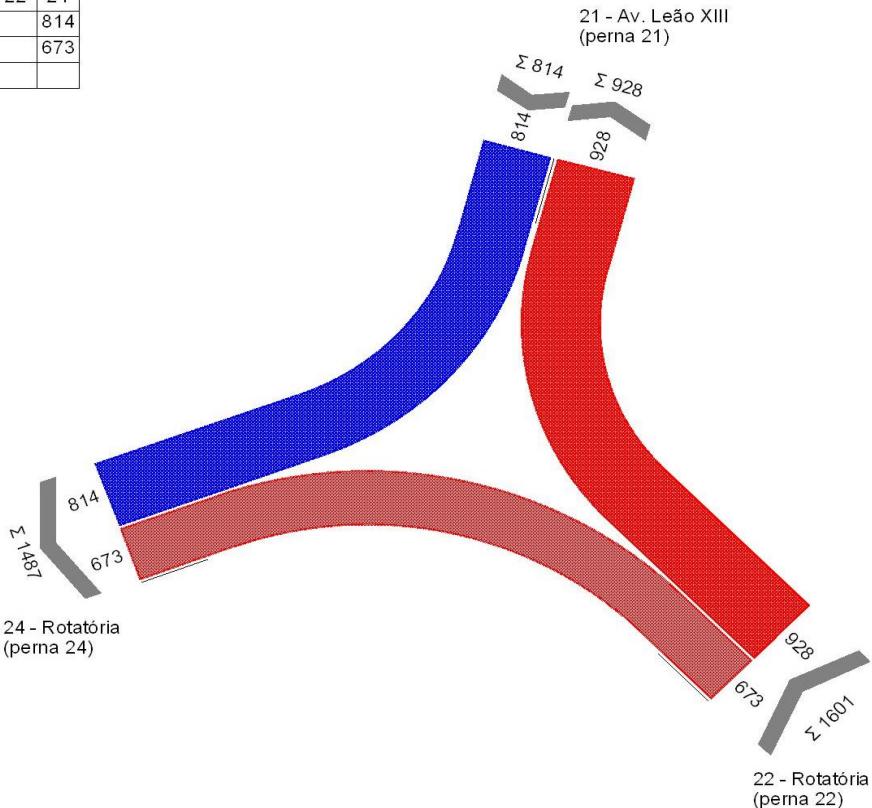
Valor horário máximo 10:00 - 11:00

On the basis of a time period 29.11.2018 10:00 - 29.11.2018 11:00

2415 PCU

De \ Para	21	22	24
21			814
22	928		673
24			

20  
100  
900



Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00

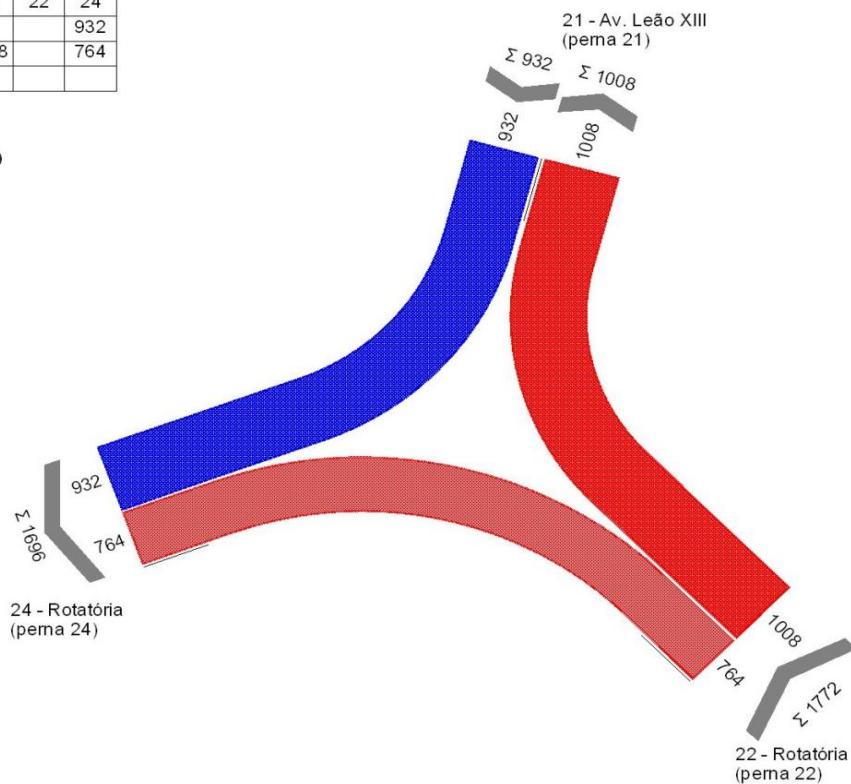
Valor horário máximo 11:00 - 12:00

On the basis of a time period 29.11.2018 11:00 - 29.11.2018 12:00

2704 PCU

De \ Para	21	22	24
21			932
22	1008		764
24			

100  
500  
1000

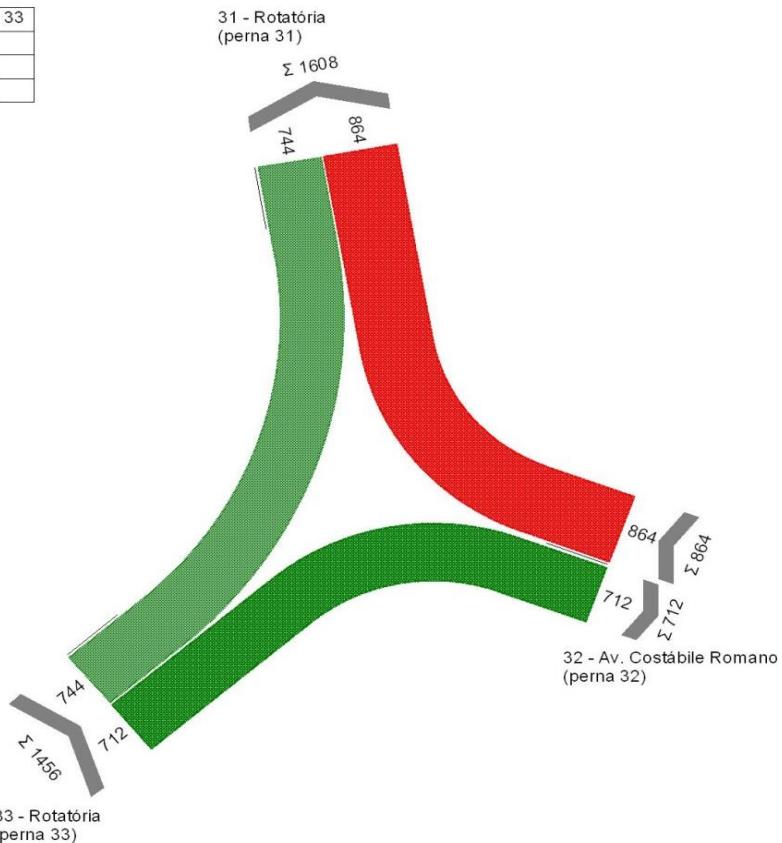


**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 10:00 - 11:00  
 On the basis of a time period 29.11.2018 10:00 - 29.11.2018 11:00  
 2320 PCU

De \ Para	31	32	33
31			
32	864		
33	744	712	

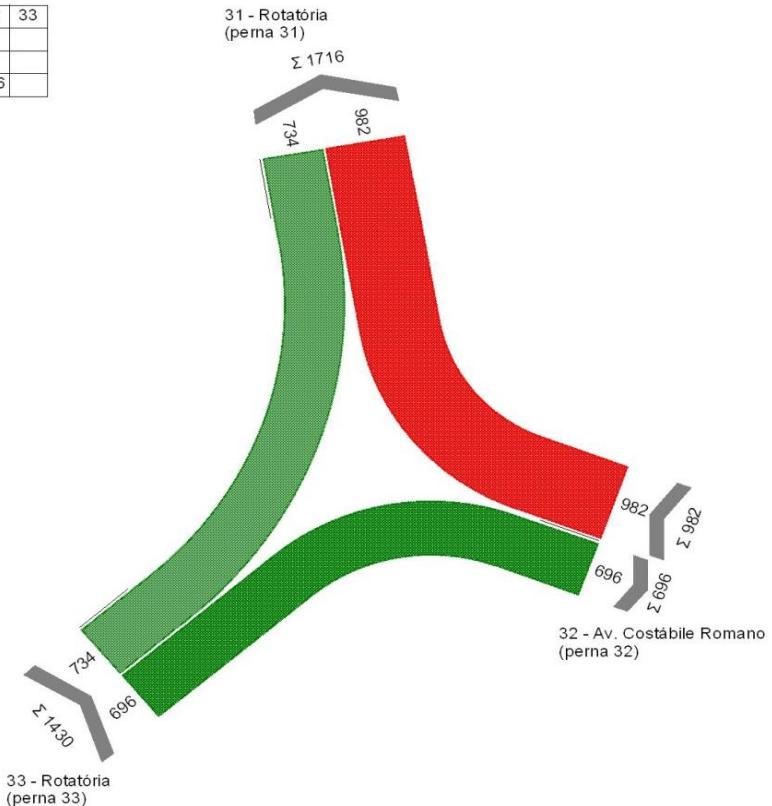
20  
 100  
 800



Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 11:00 - 12:00  
 On the basis of a time period 29.11.2018 11:00 - 29.11.2018 12:00  
 2412 PCU

De \ Para	31	32	33
31			
32	982		
33	734	696	

20  
 100  
 900



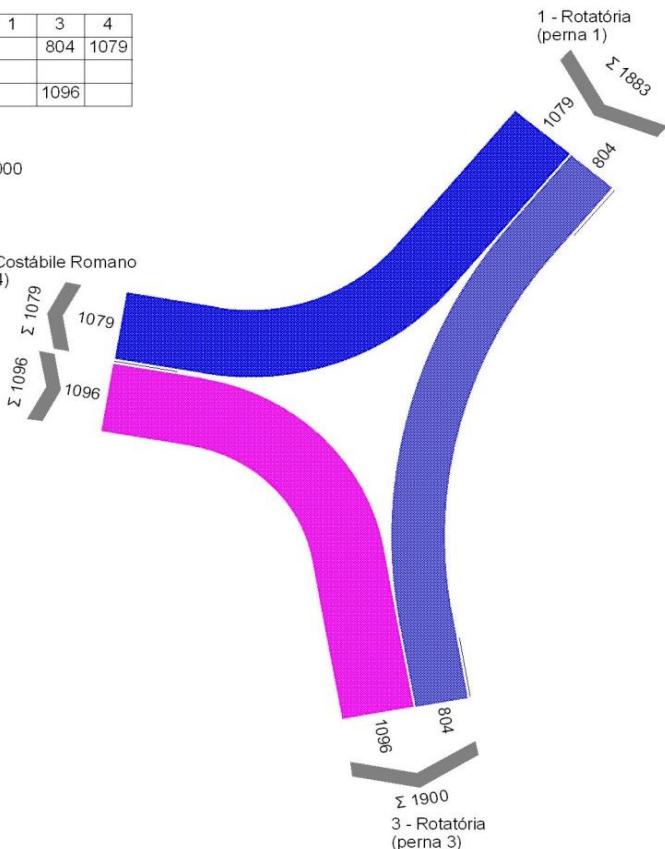
**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 12:00 - 13:00  
 On the basis of a time period 29.11.2018 12:00 - 29.11.2018 13:00  
 2979 PCU

De \ Para	1	3	4
1		804	1079
3			
4		1096	

■ 100  
 ■ 500  
 ■ 1000

4 - Av. Costáble Romano  
 (perna 4)

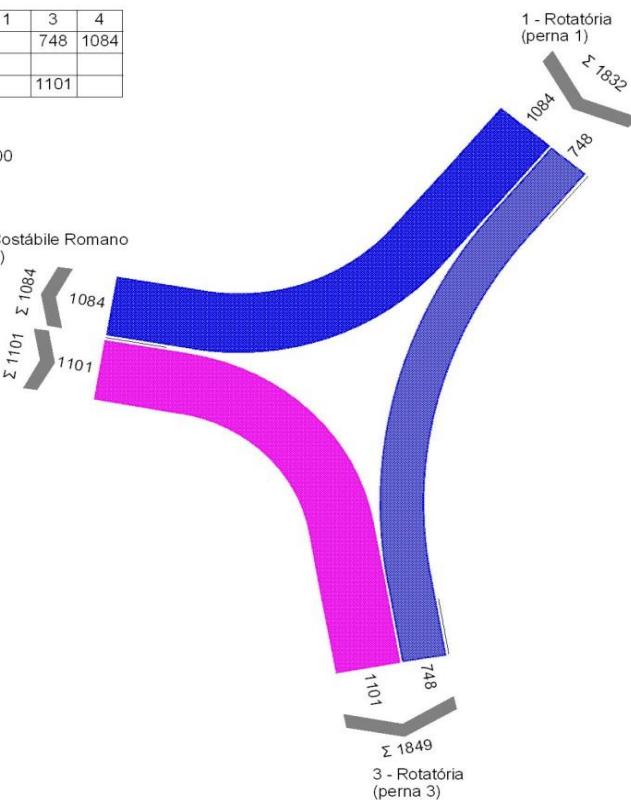


Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 13:00 - 14:00  
 On the basis of a time period 29.11.2018 13:00 - 29.11.2018 14:00  
 2933 PCU

De \ Para	1	3	4
1		748	1084
3			
4		1101	

■ 100  
 ■ 500  
 ■ 1000

4 - Av. Costáble Romano  
 (perna 4)

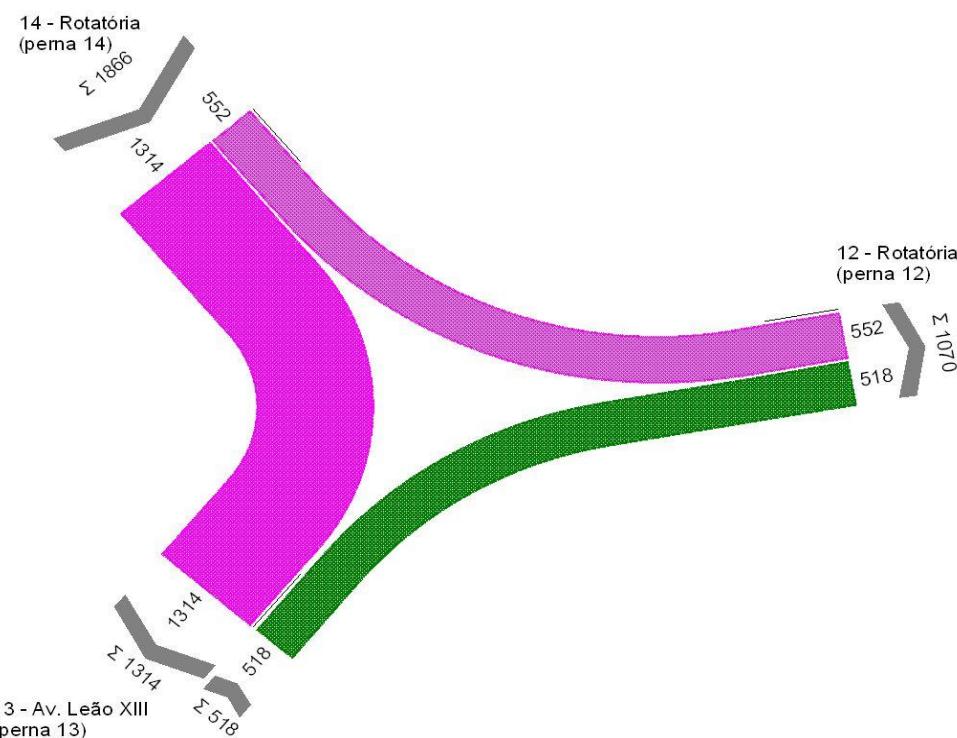


**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 12:00 - 13:00  
 On the basis of a time period 29.11.2018 12:00 - 29.11.2018 13:00  
 2384 PCU

De \ Para	12	13	14
12			
13	518		
14	552	1314	

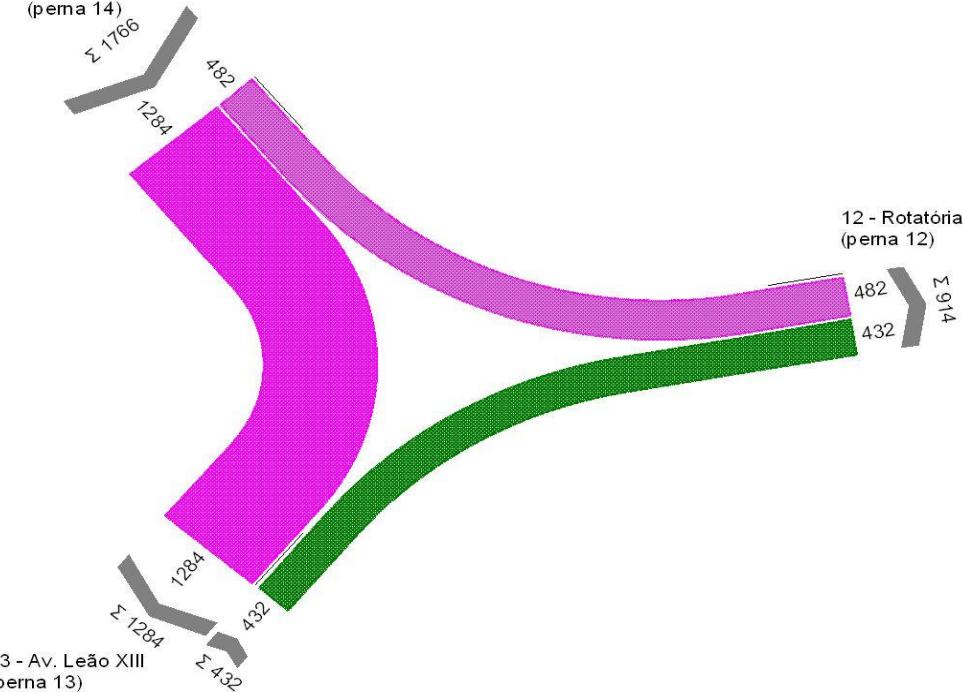
■ 100  
 ■ 500  
 ■ 1000



Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 13:00 - 14:00  
 On the basis of a time period 29.11.2018 13:00 - 29.11.2018 14:00  
 2198 PCU

De \ Para	12	13	14
12			
13	432		
14	482	1284	

■ 100  
 ■ 500  
 ■ 1000



**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

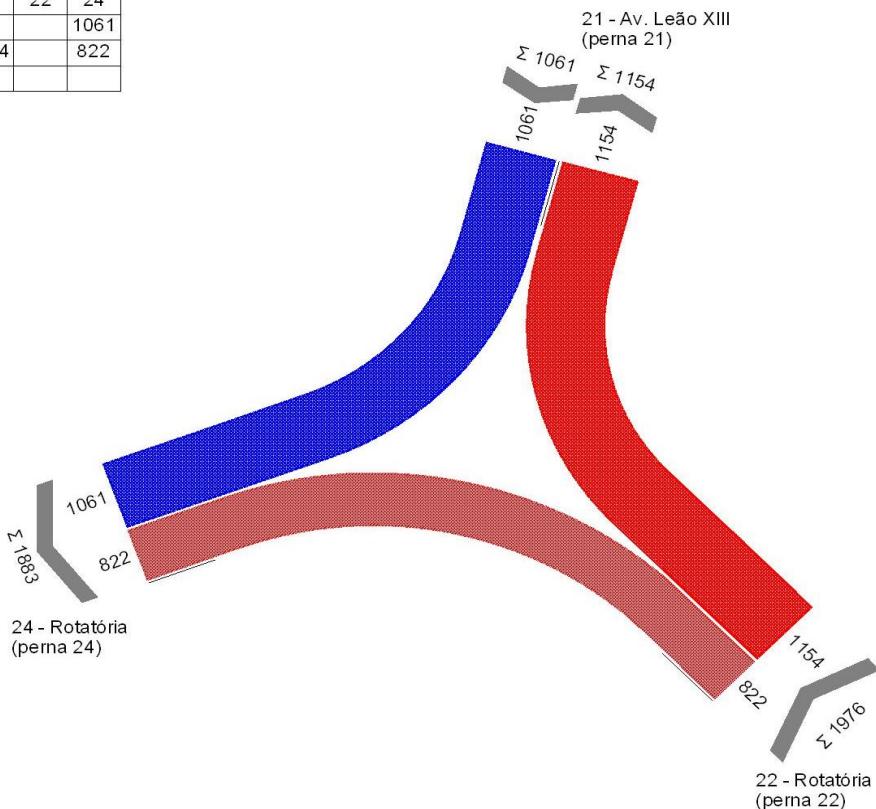
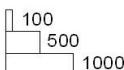
Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00

Valor horário máximo 12:00 - 13:00

On the basis of a time period 29.11.2018 12:00 - 29.11.2018 13:00

3037 PCU

De \ Para	21	22	24
21			1061
22	1154		822
24			



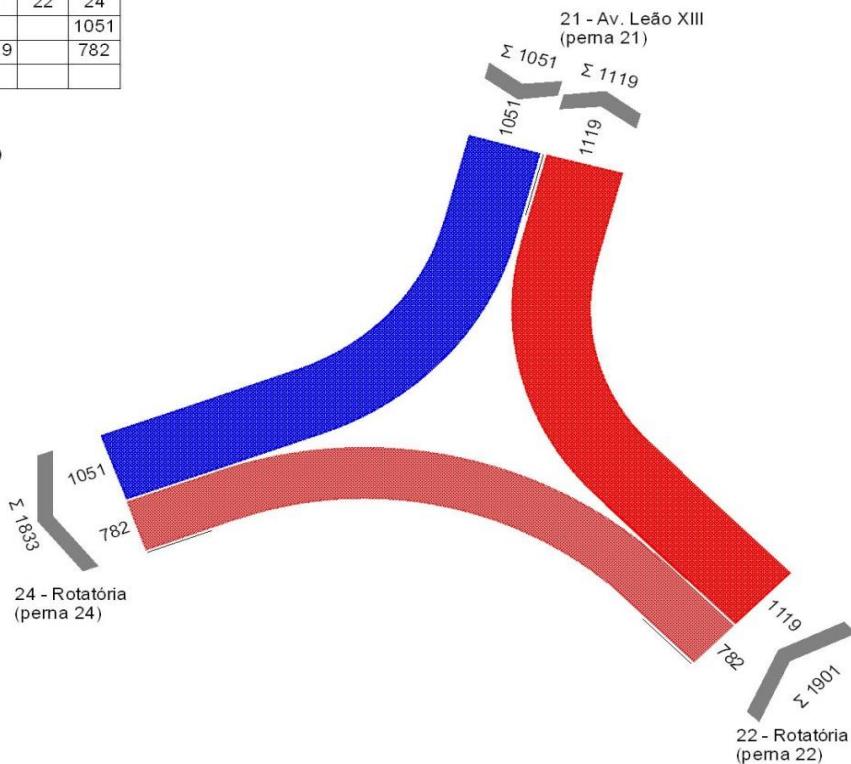
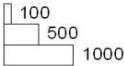
Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00

Valor horário máximo 13:00 - 14:00

On the basis of a time period 29.11.2018 13:00 - 29.11.2018 14:00

2952 PCU

De \ Para	21	22	24
21			1051
22	1119		782
24			

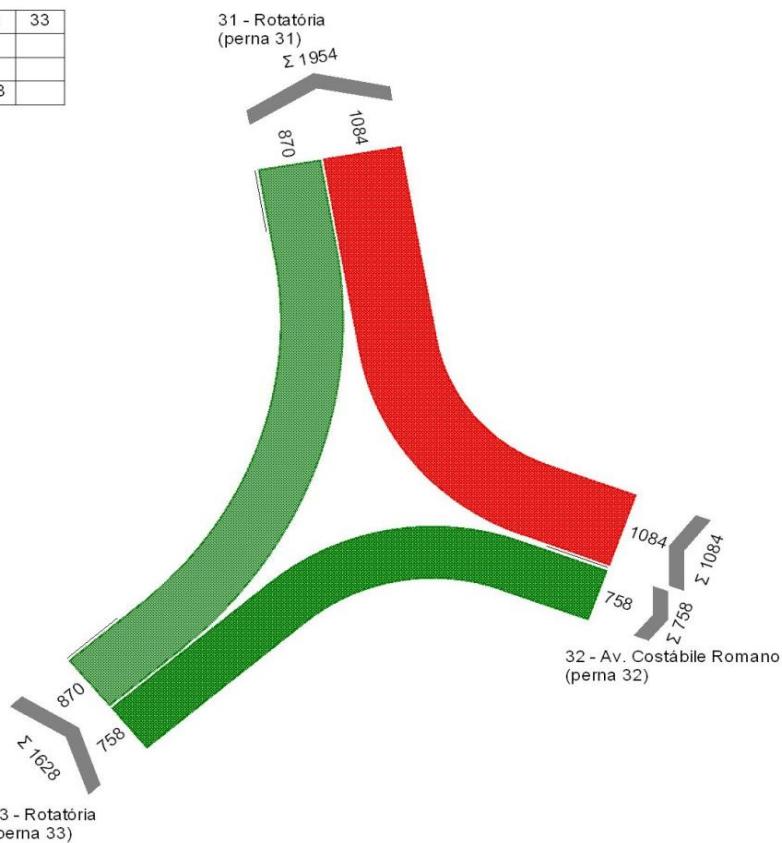


**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 12:00 - 13:00  
 On the basis of a time period 29.11.2018 12:00 - 29.11.2018 13:00  
 2712 PCU

De \ Para	31	32	33
31			
32	1084		
33	870	758	

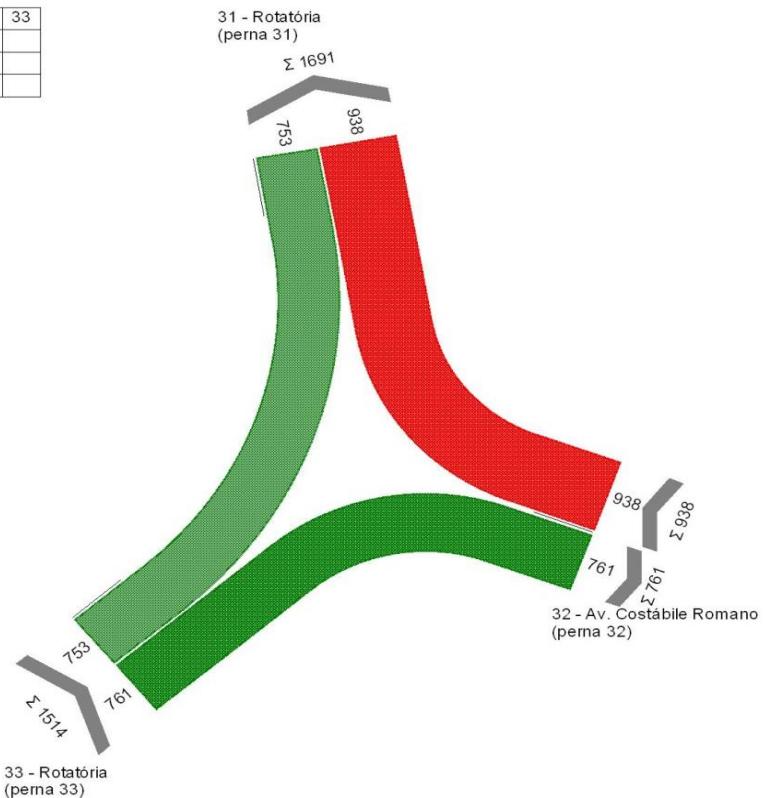
■ 100  
 ■ 500  
 ■ 1000



Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 13:00 - 14:00  
 On the basis of a time period 29.11.2018 13:00 - 29.11.2018 14:00  
 2452 PCU

De \ Para	31	32	33
31			
32	938		
33	753	761	

■ 20  
 ■ 100  
 ■ 900

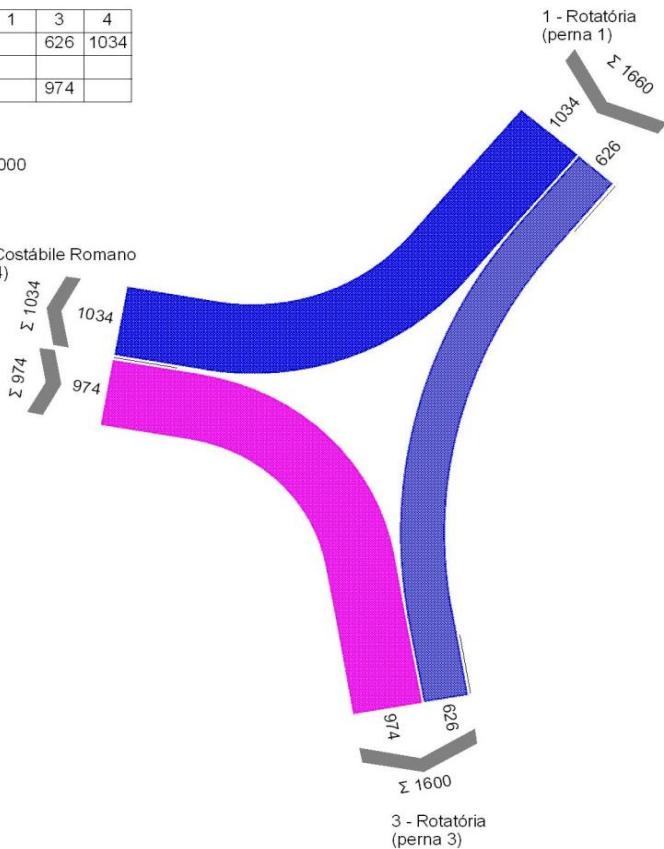


**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 14:00 - 15:00  
 On the basis of a time period 29.11.2018 14:00 - 29.11.2018 15:00  
 2634 PCU

De \ Para	1	3	4
1		626	1034
3			
4		974	

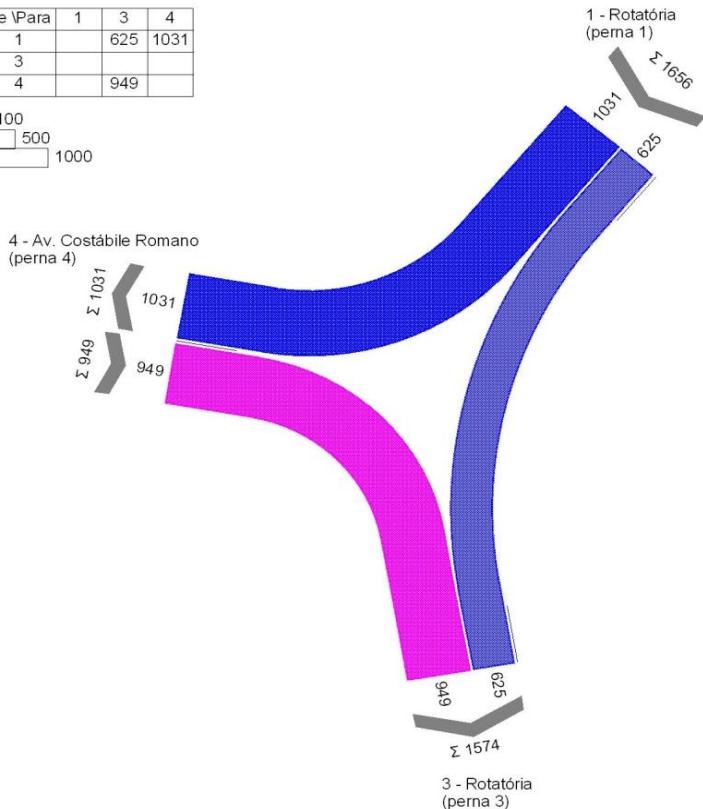
■ 100  
 ■ 500  
 ■ 1000



Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 15:00 - 16:00  
 On the basis of a time period 29.11.2018 15:00 - 29.11.2018 16:00  
 2605 PCU

De \ Para	1	3	4
1		625	1031
3			
4		949	

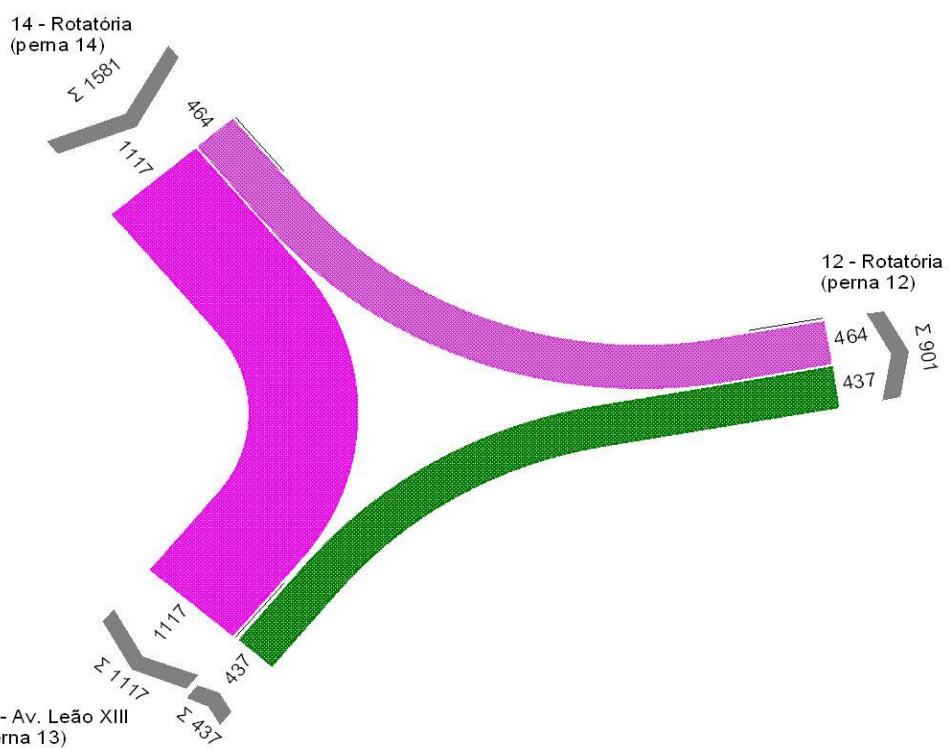
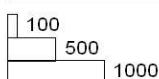
■ 100  
 ■ 500  
 ■ 1000



**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

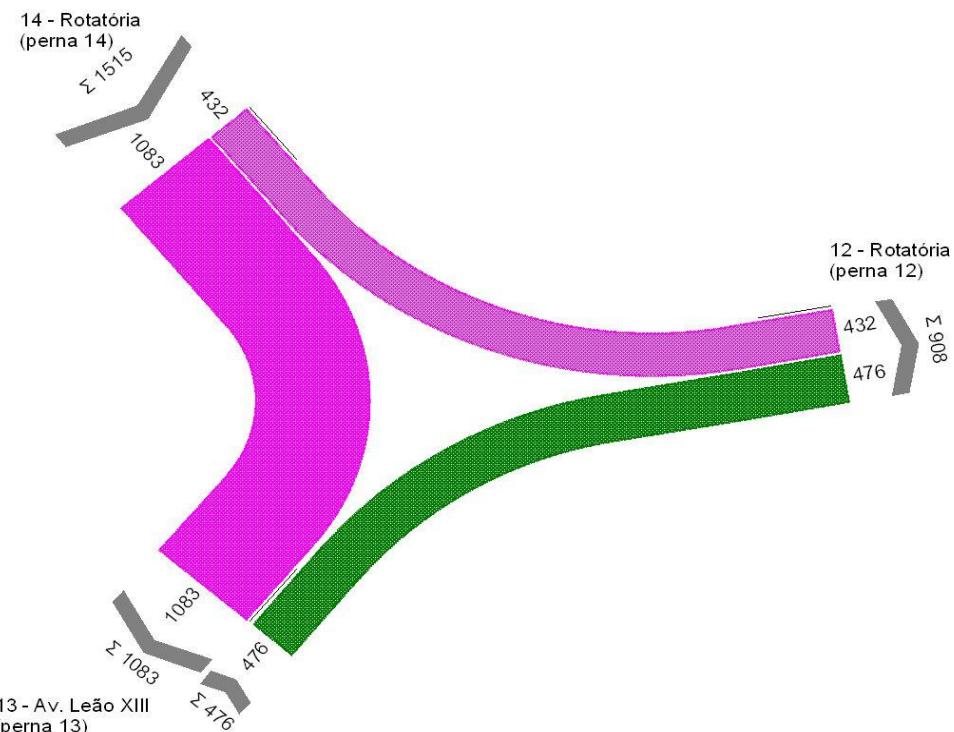
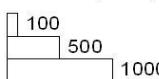
Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 14:00 - 15:00  
 On the basis of a time period 29.11.2018 14:00 - 29.11.2018 15:00  
 2018 PCU

De \ Para	12	13	14
12			
13	437		
14	464	1117	



Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 15:00 - 16:00  
 On the basis of a time period 29.11.2018 15:00 - 29.11.2018 16:00  
 1991 PCU

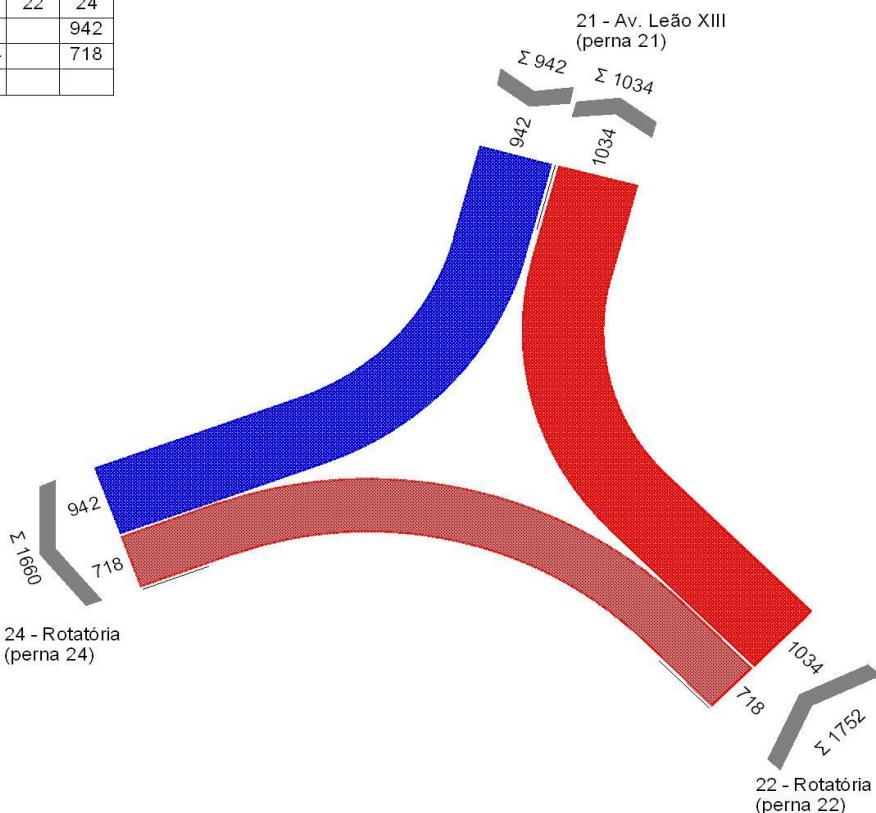
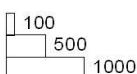
De \ Para	12	13	14
12			
13	476		
14	432	1083	



**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

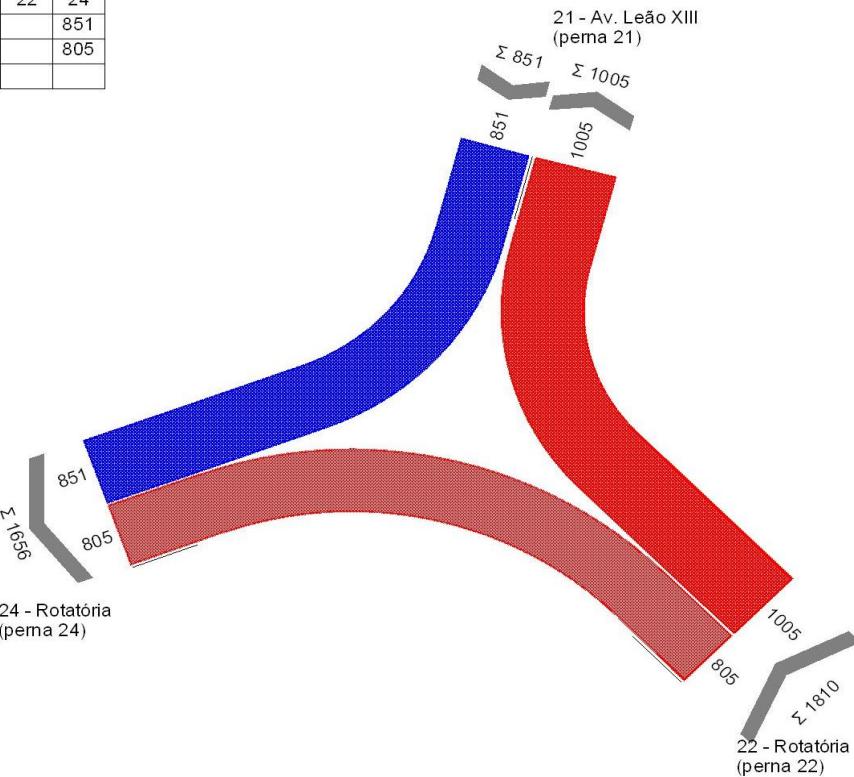
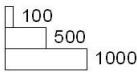
Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 14:00 - 15:00  
 On the basis of a time period 29.11.2018 14:00 - 29.11.2018 15:00  
 2694 PCU

De \ Para	21	22	24
21			942
22	1034		718
24			



Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 15:00 - 16:00  
 On the basis of a time period 29.11.2018 15:00 - 29.11.2018 16:00  
 2661 PCU

De \ Para	21	22	24
21			851
22	1005		805
24			



**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 14:00 - 15:00  
 On the basis of a time period 29.11.2018 14:00 - 29.11.2018 15:00  
 2432 PCU

De \ Para	31	32	33
31			
32	884		
33	848	700	

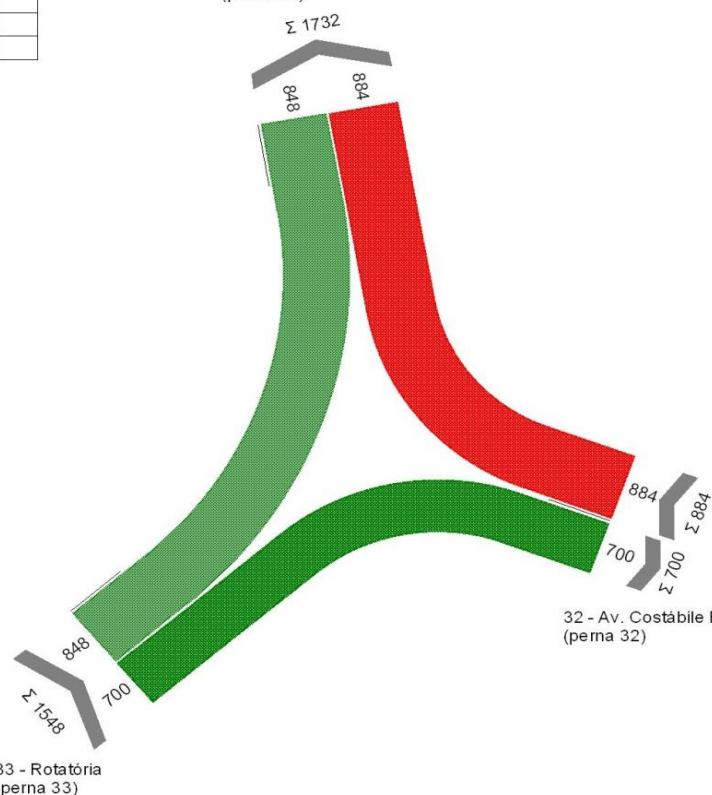
20  
 100  
 800

31 - Rotatória  
 (perna 31)

$\Sigma 1732$

848

884



32 - Av. Costabile Romano  
 (perna 32)

884  
 700  
 $\Sigma 884$

700

33 - Rotatória  
 (perna 33)

Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 15:00 - 16:00  
 On the basis of a time period 29.11.2018 15:00 - 29.11.2018 16:00  
 2431 PCU

De \ Para	31	32	33
31			
32	929		
33	786	716	

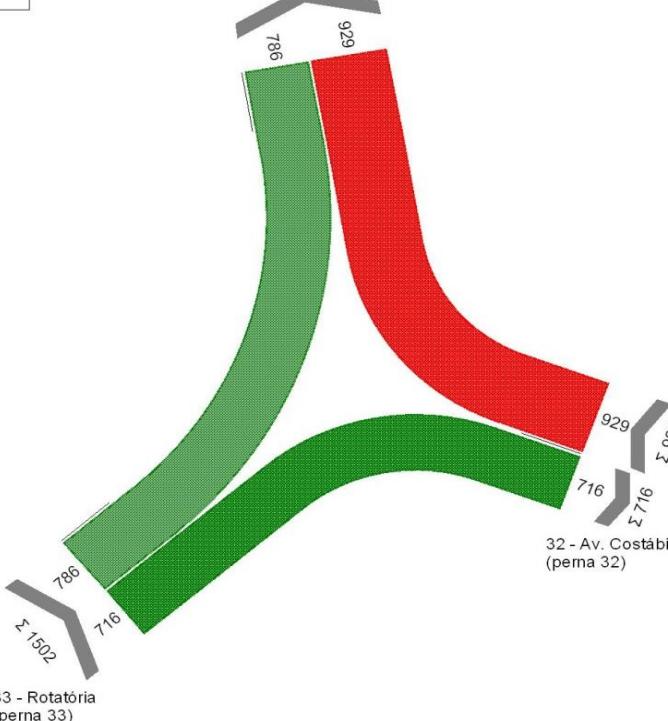
20  
 100  
 900

31 - Rotatória  
 (perna 31)

$\Sigma 1715$

786

929



32 - Av. Costabile Romano  
 (perna 32)

929  
 716  
 $\Sigma 929$

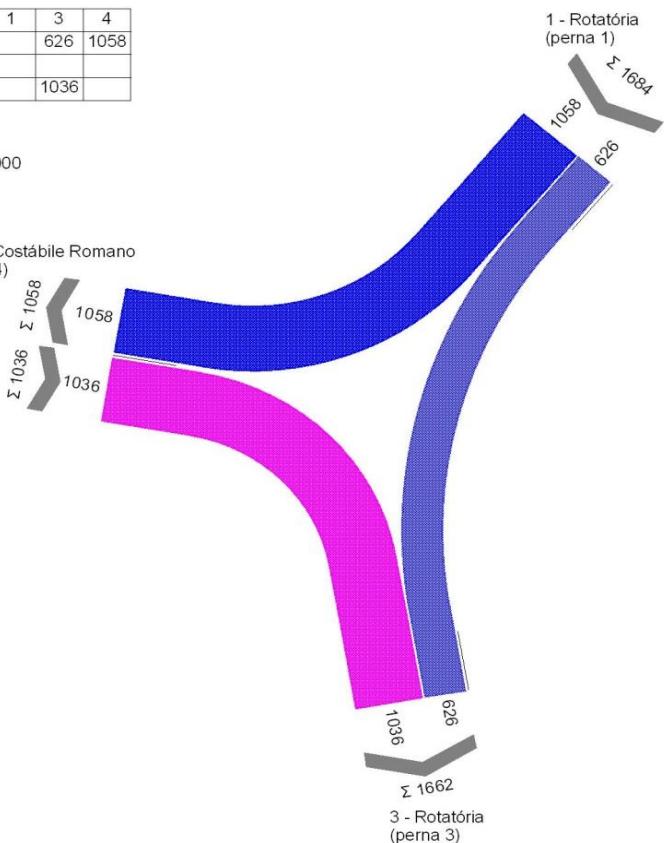
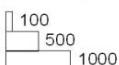
716

33 - Rotatória  
 (perna 33)

**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

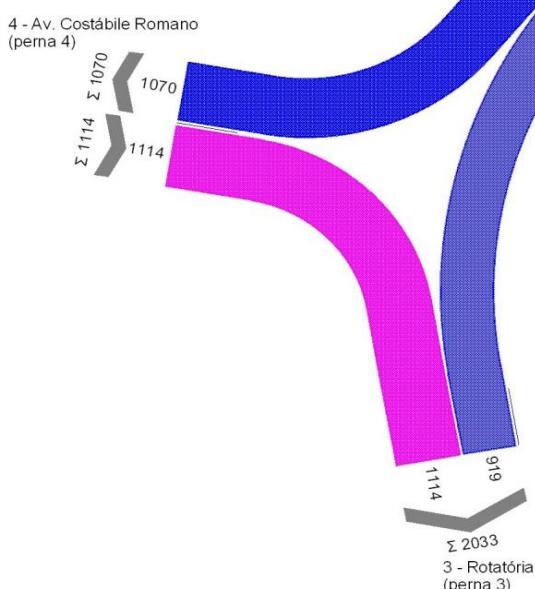
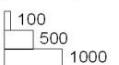
Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 16:00 - 17:00  
 On the basis of a time period 29.11.2018 16:00 - 29.11.2018 17:00  
 2720 PCU

De \ Para	1	3	4
1		626	1058
3			
4		1036	



Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 17:00 - 18:00  
 On the basis of a time period 29.11.2018 17:00 - 29.11.2018 18:00  
 3103 PCU

De \ Para	1	3	4
1		919	1070
3			
4		1114	

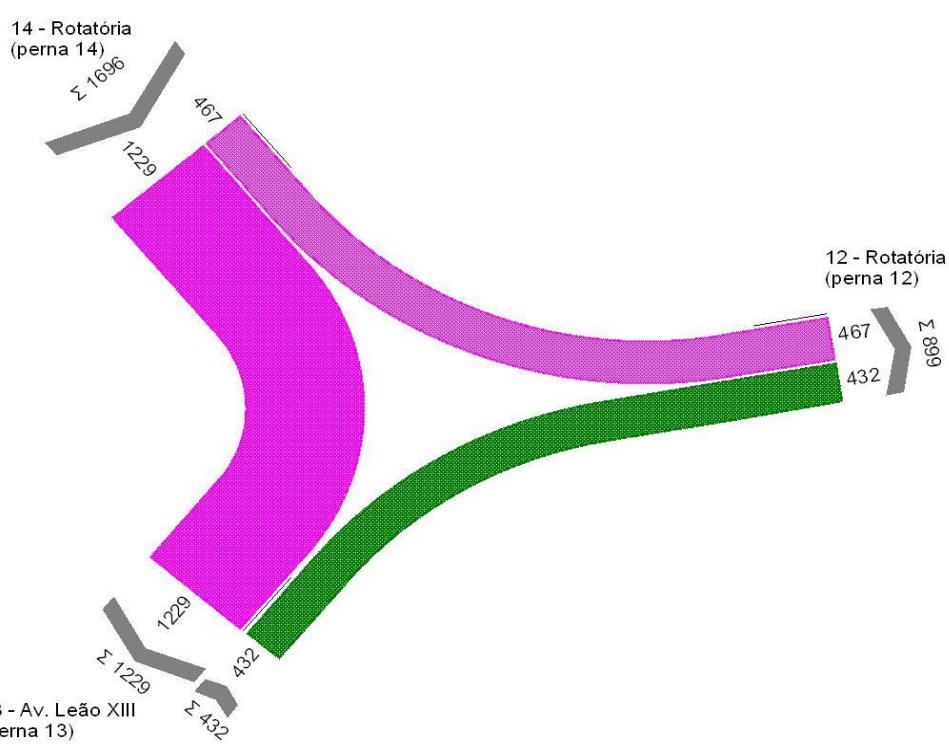


**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 16:00 - 17:00  
 On the basis of a time period 29.11.2018 16:00 - 29.11.2018 17:00  
 2128 PCU

De \ Para	12	13	14
12			
13	432		
14	467	1229	

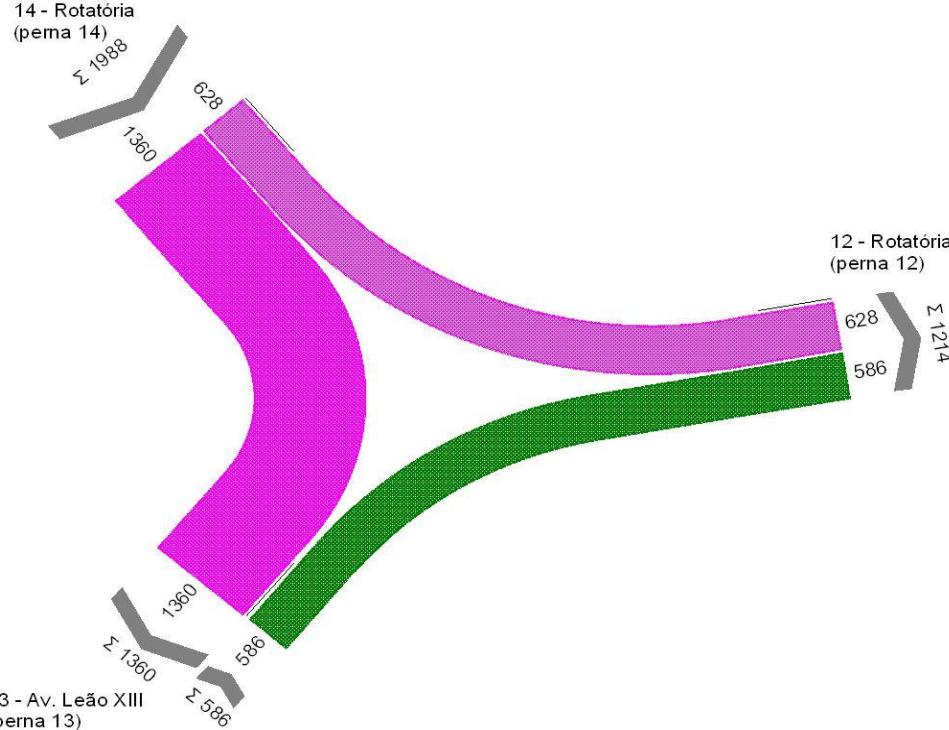
■ 100  
 ■ 500  
 ■ 1000



Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 17:00 - 18:00  
 On the basis of a time period 29.11.2018 17:00 - 29.11.2018 18:00  
 2574 PCU

De \ Para	12	13	14
12			
13	586		
14	628	1360	

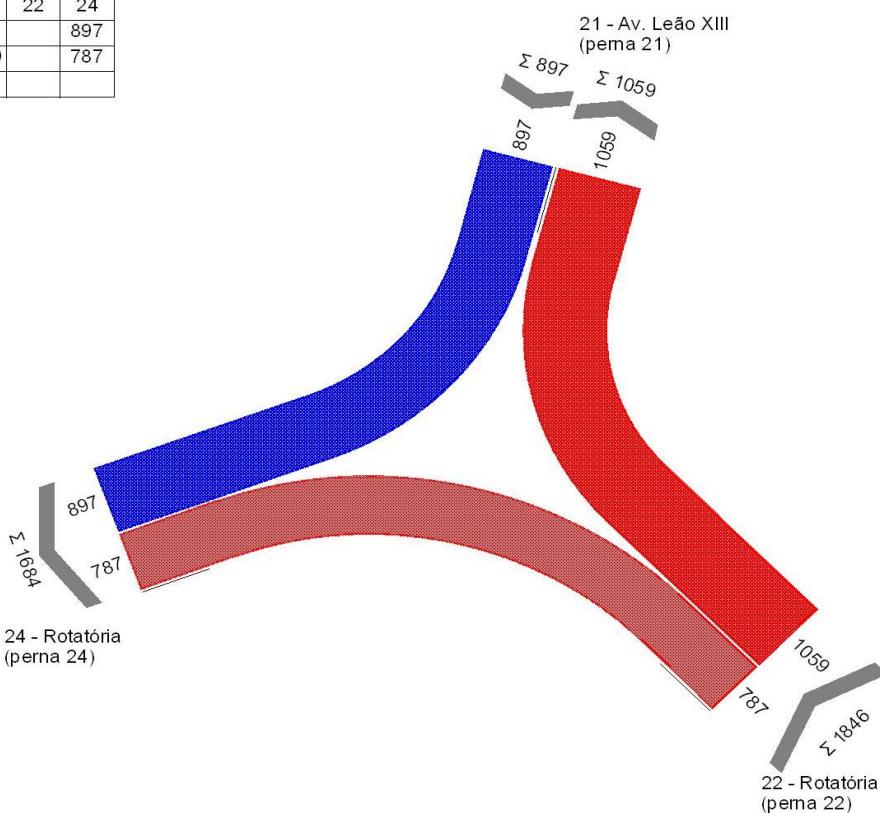
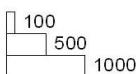
■ 100  
 ■ 500  
 ■ 1000



**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

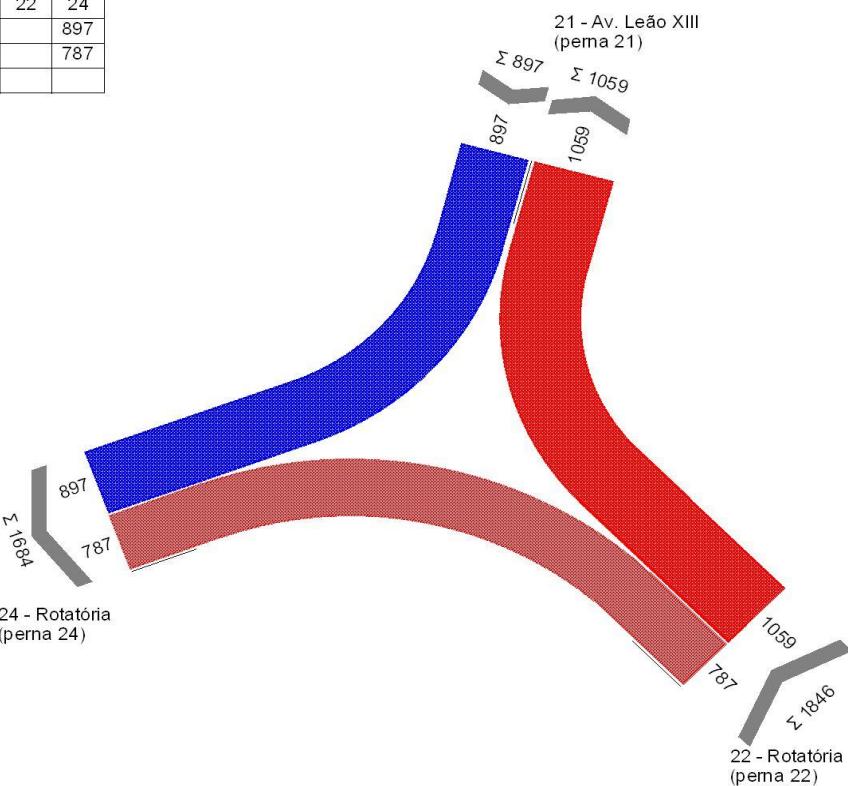
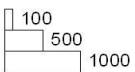
Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 16:00 - 17:00  
 On the basis of a time period 29.11.2018 16:00 - 29.11.2018 17:00  
 2743 PCU

De \ Para	21	22	24
21			897
22	1059		787
24			



Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 16:00 - 17:00  
 On the basis of a time period 29.11.2018 16:00 - 29.11.2018 17:00  
 2743 PCU

De \ Para	21	22	24
21			897
22	1059		787
24			



**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

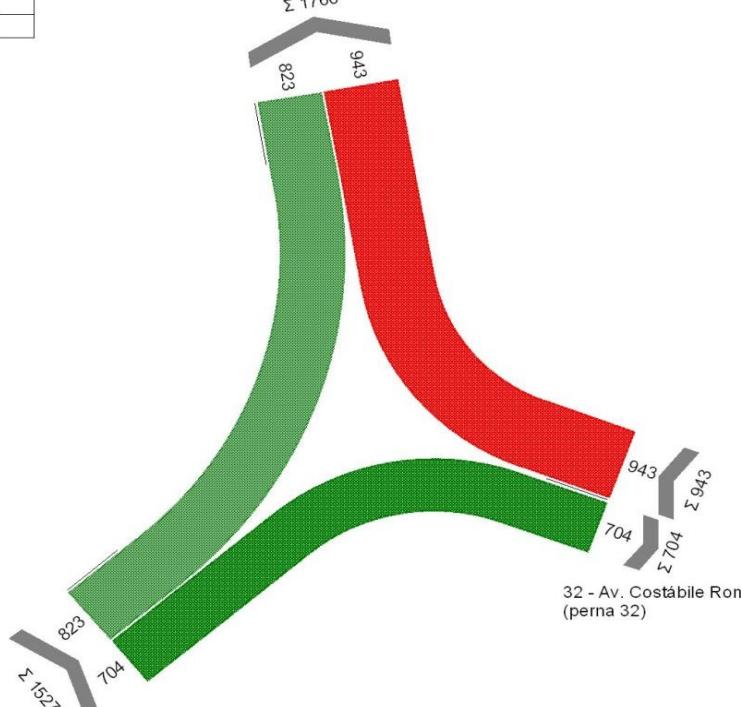
Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 16:00 - 17:00  
 On the basis of a time period 29.11.2018 16:00 - 29.11.2018 17:00  
 2470 PCU

De \ Para	31	32	33
31			
32	943		
33	823	704	

20  
 100  
 900

31 - Rotatória  
 (perna 31)

$\Sigma 1766$



32 - Av. Costáble Romano  
 (perna 32)

943

704

Σ 1527

33 - Rotatória  
 (perna 33)

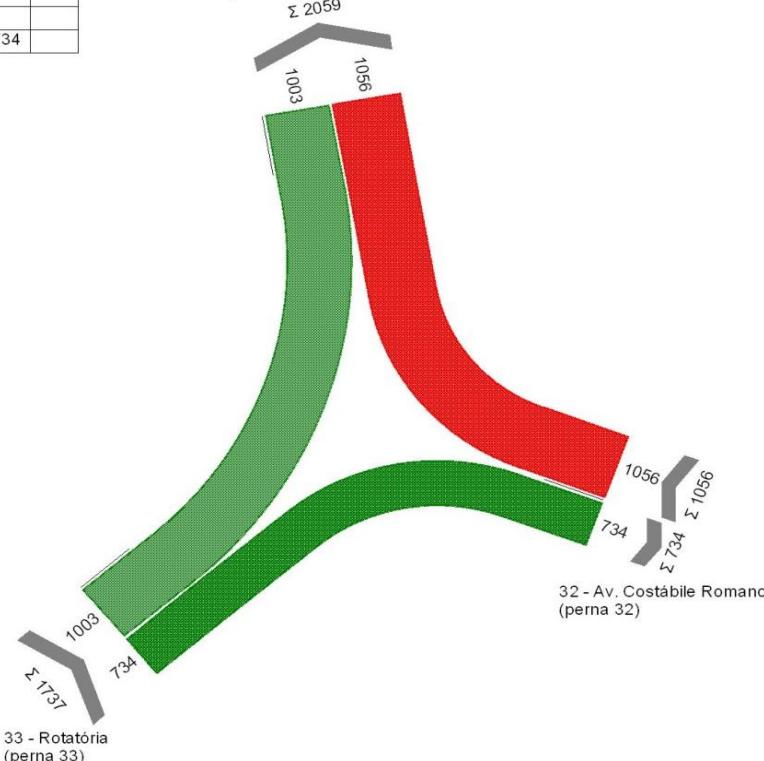
Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 17:00 - 18:00  
 On the basis of a time period 29.11.2018 17:00 - 29.11.2018 18:00  
 2793 PCU

De \ Para	31	32	33
31			
32	1056		
33	1003	734	

100  
 500  
 1000

31 - Rotatória  
 (perna 31)

$\Sigma 2059$



32 - Av. Costáble Romano  
 (perna 32)

1056

734

Σ 11731

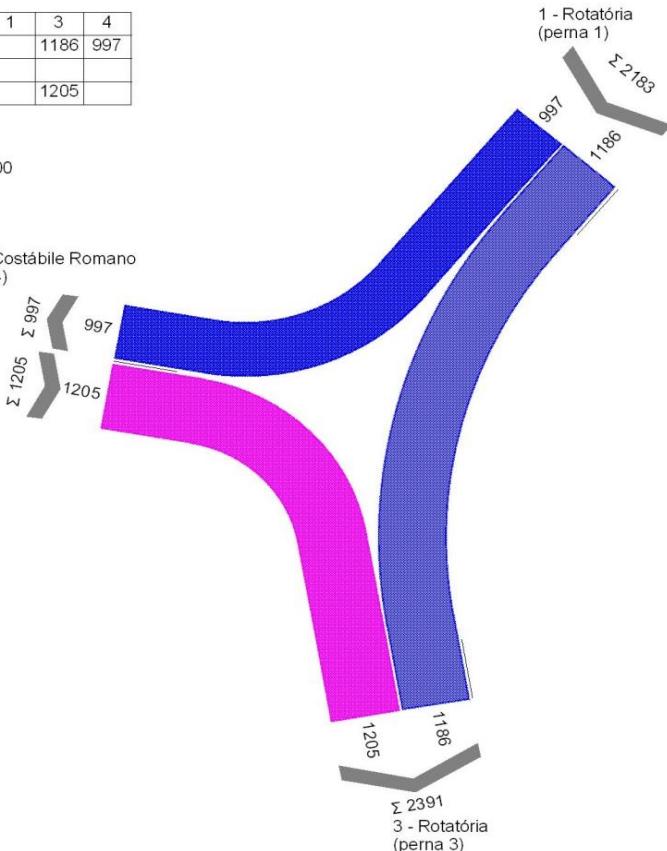
33 - Rotatória  
 (perna 33)

**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 18:00 - 19:00  
 On the basis of a time period 29.11.2018 18:00 - 29.11.2018 19:00  
 3388 PCU

De \ Para	1	3	4
1		1186	997
3			
4	1205		

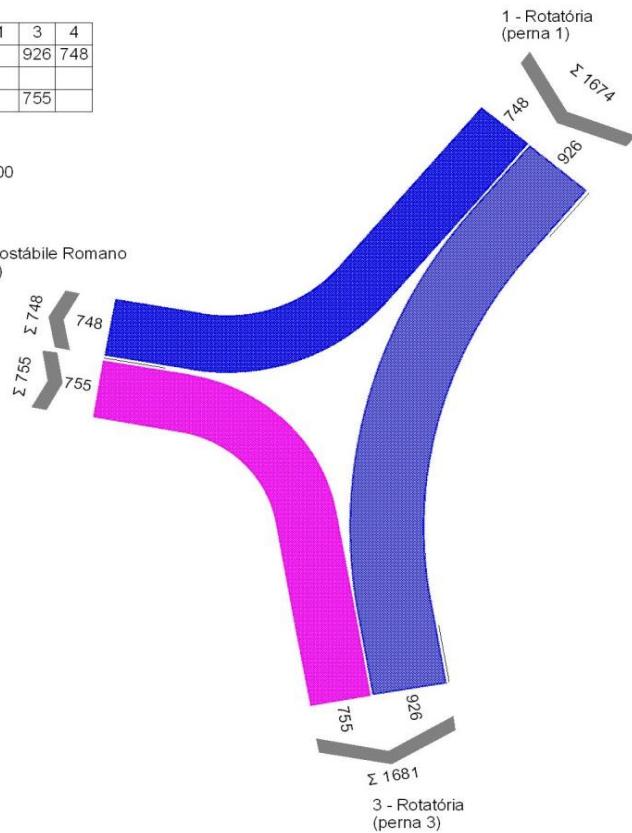
■ 100  
 ■ 500  
 ■ 1000



Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 19:00 - 20:00  
 On the basis of a time period 29.11.2018 19:00 - 29.11.2018 20:00  
 2429 PCU

De \ Para	1	3	4
1		926	748
3			
4	755		

■ 20  
 ■ 100  
 ■ 900

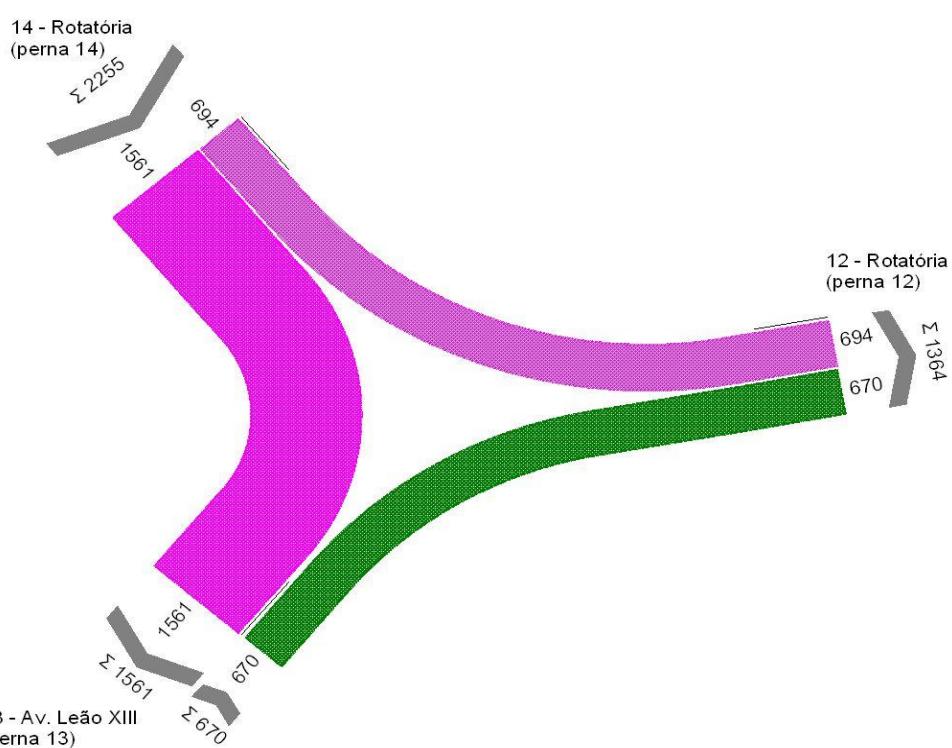


**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 18:00 - 19:00  
 On the basis of a time period 29.11.2018 18:00 - 29.11.2018 19:00  
 2925 PCU

De \ Para	12	13	14
12			
13	670		
14	694	1561	

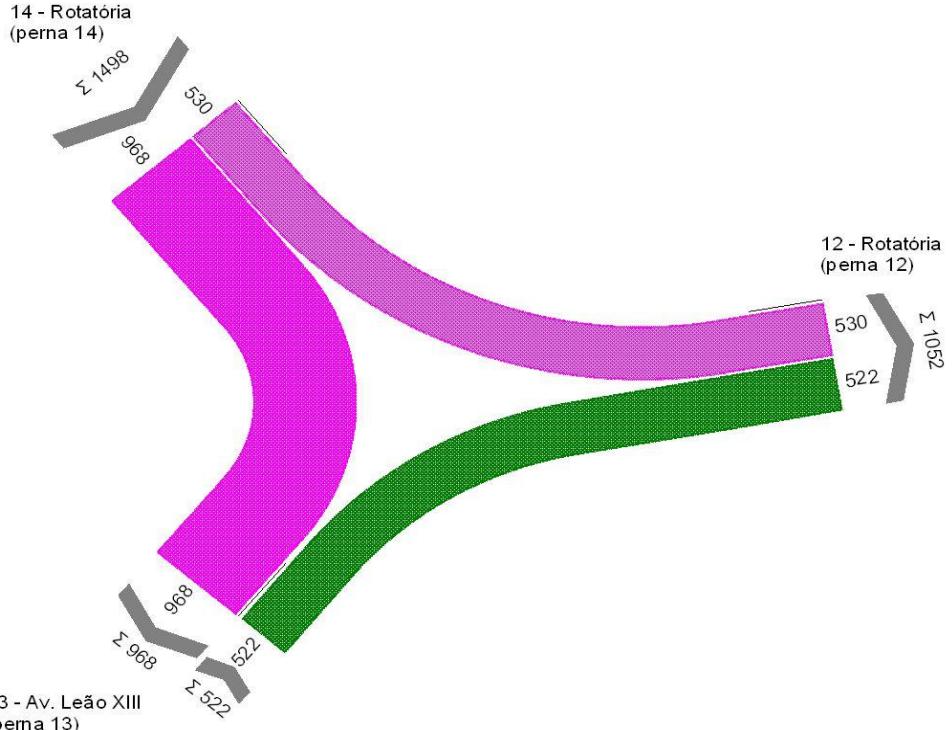
■ 100  
 ■ 500  
 ■ 1000



Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 19:00 - 20:00  
 On the basis of a time period 29.11.2018 19:00 - 29.11.2018 20:00  
 2020 PCU

De \ Para	12	13	14
12			
13	522		
14	530	968	

■ 20  
 ■ 100  
 ■ 900



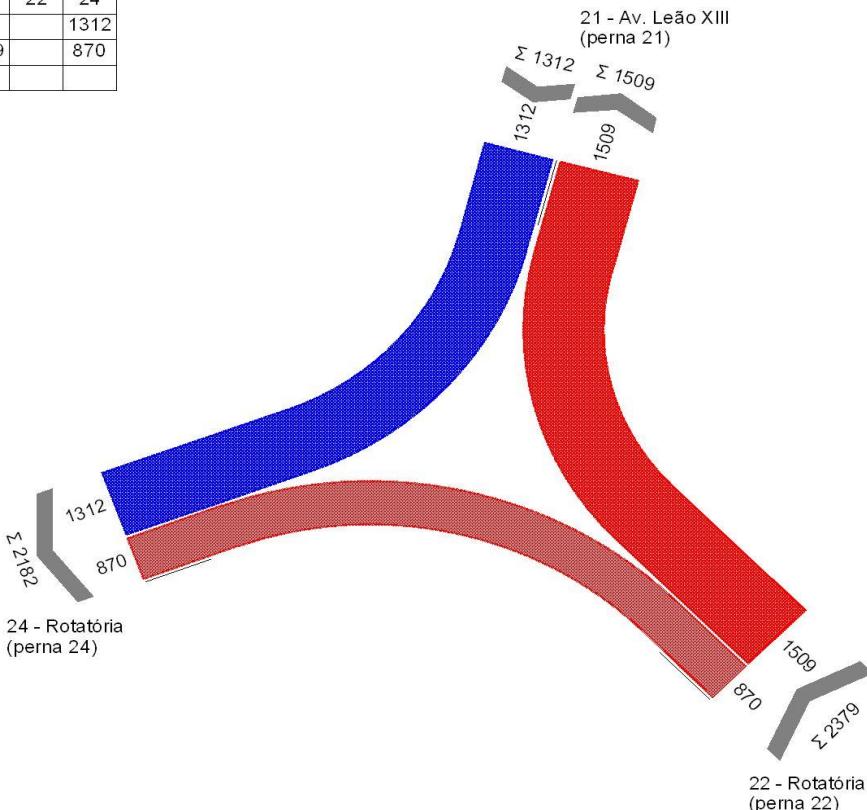
**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 18:00 - 19:00

On the basis of a time period 29.11.2018 18:00 - 29.11.2018 19:00  
 3691 PCU

De \ Para	21	22	24
21			1312
22	1509		870
24			

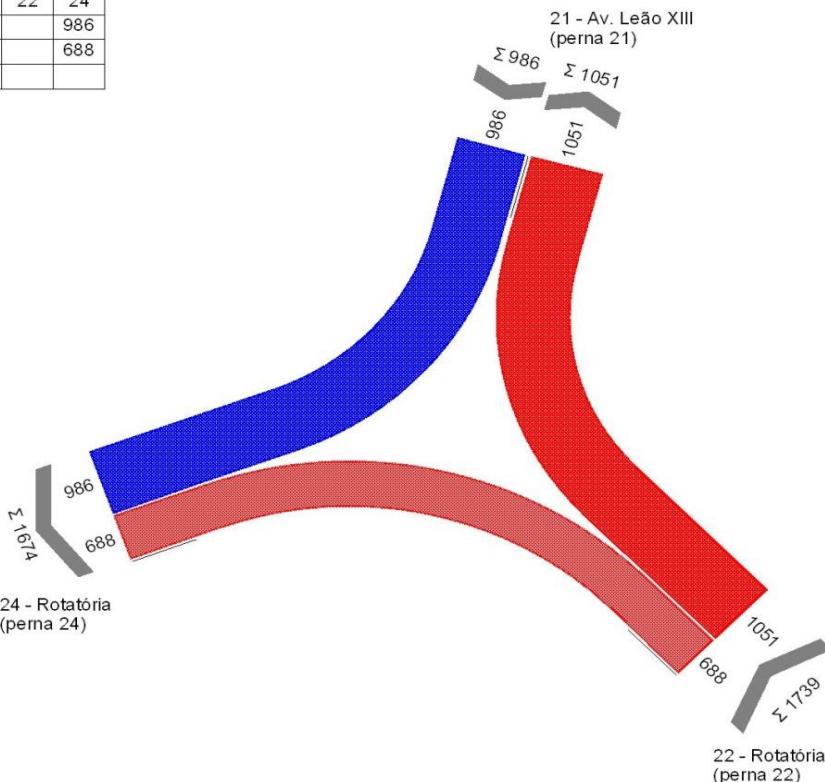
100  
 500  
 1000



Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 19:00 - 20:00  
 On the basis of a time period 29.11.2018 19:00 - 29.11.2018 20:00  
 2725 PCU

De \ Para	21	22	24
21			986
22	1051		688
24			

100  
 500  
 1000

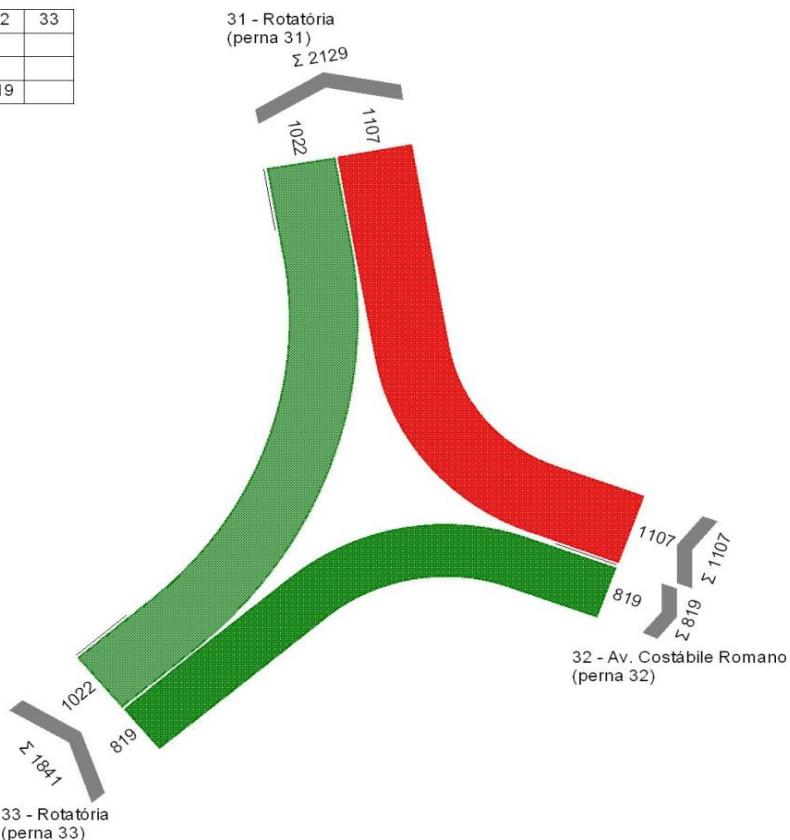


**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 18:00 - 19:00  
 On the basis of a time period 29.11.2018 18:00 - 29.11.2018 19:00  
 2948 PCU

De \ Para	31	32	33
31			
32	1107		
33	1022	819	

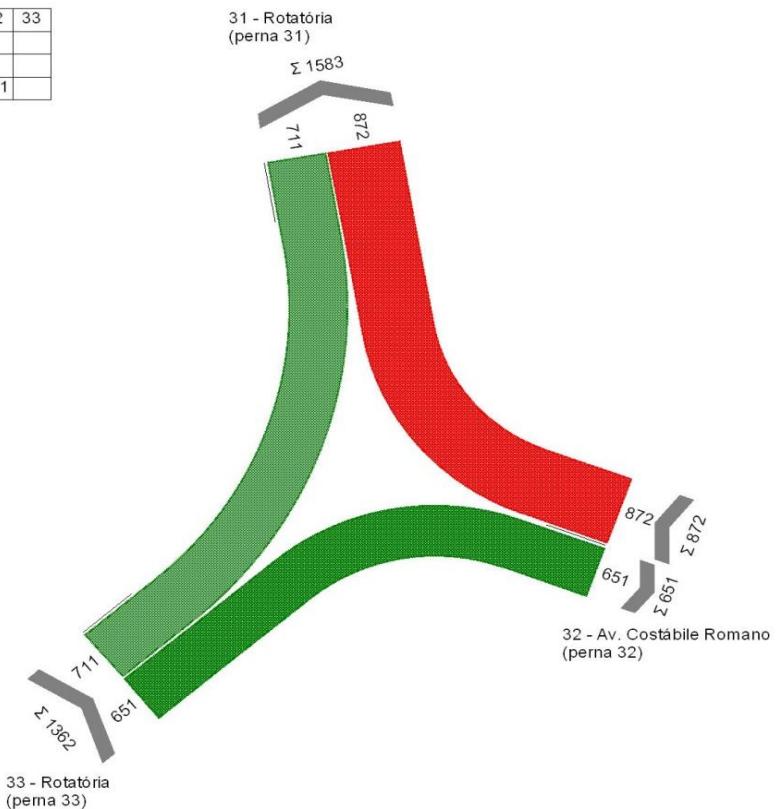
■ 100  
 ■ 500  
 ■ 1000



Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 19:00 - 20:00  
 On the basis of a time period 29.11.2018 19:00 - 29.11.2018 20:00  
 2234 PCU

De \ Para	31	32	33
31			
32	872		
33	711	651	

■ 20  
 ■ 100  
 ■ 800

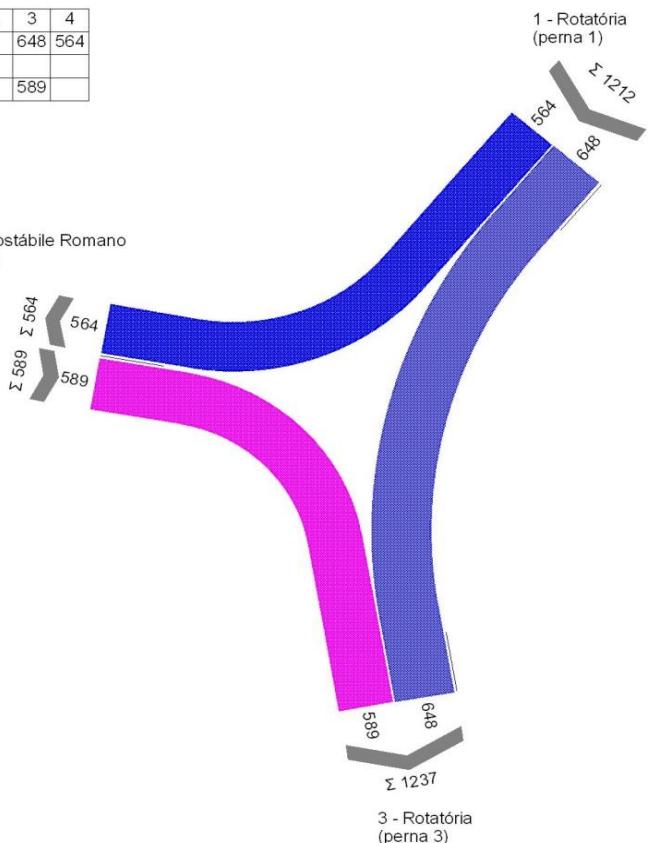


**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 20:00 - 21:00  
 On the basis of a time period 29.11.2018 20:00 - 29.11.2018 21:00  
 1801 PCU

De \ Para	1	3	4
1		648	564
3			
4		589	

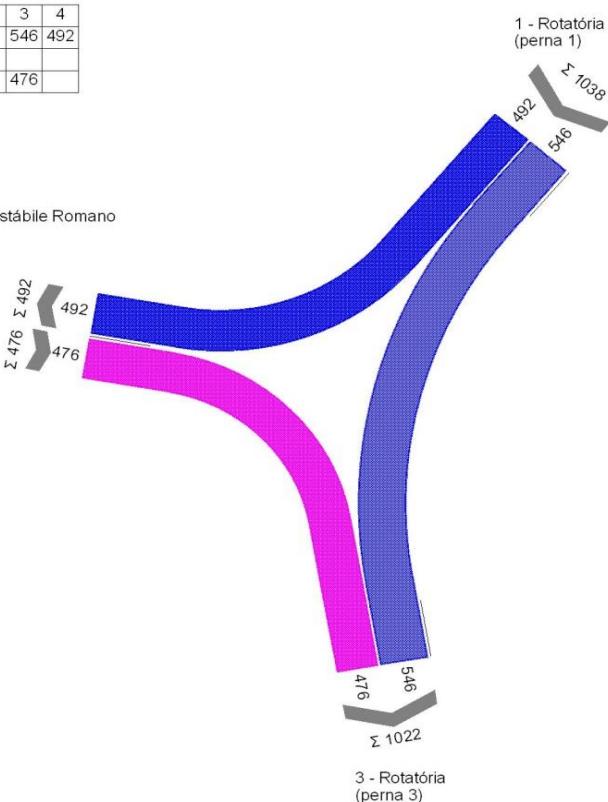
20  
 100  
 600



Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 21:00 - 22:00  
 On the basis of a time period 29.11.2018 21:00 - 29.11.2018 22:00  
 1514 PCU

De \ Para	1	3	4
1		546	492
3			
4		476	

20  
 100  
 500

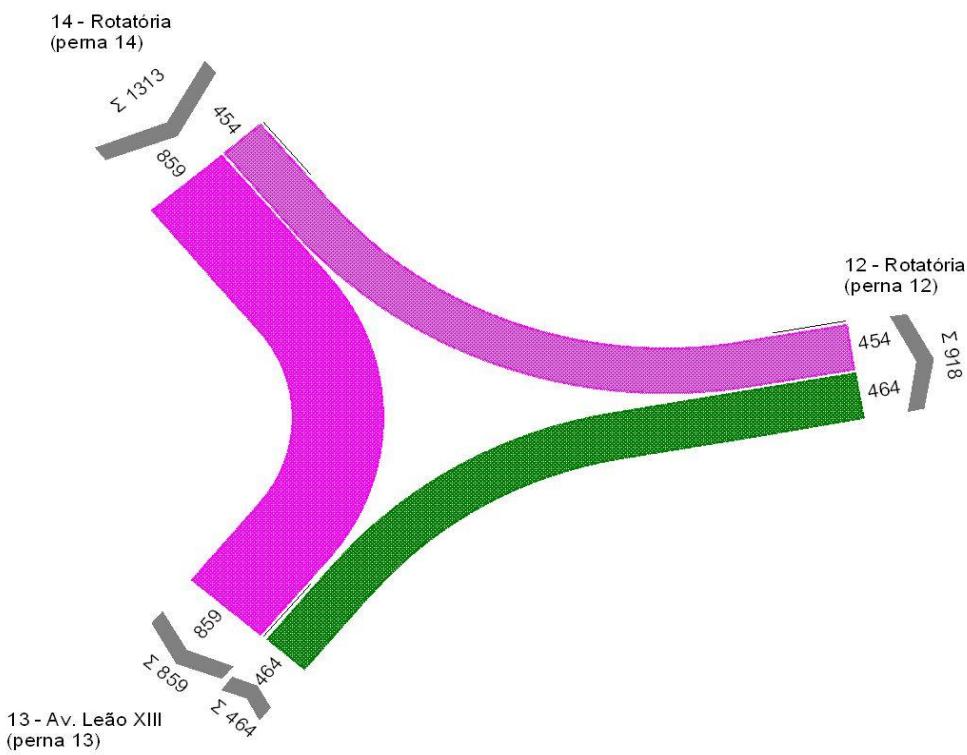


**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 20:00 - 21:00  
 On the basis of a time period 29.11.2018 20:00 - 29.11.2018 21:00  
 1777 PCU

De \ Para	12	13	14
12			
13	464		
14	454	859	

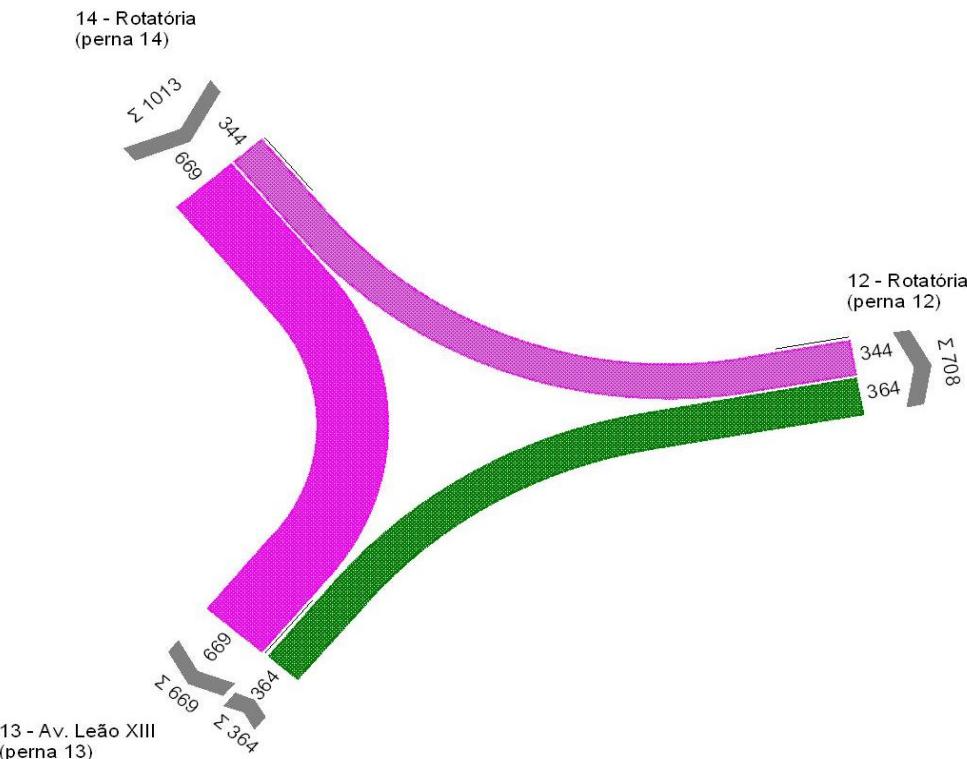
20  
100  
800



Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 21:00 - 22:00  
 On the basis of a time period 29.11.2018 21:00 - 29.11.2018 22:00  
 1377 PCU

De \ Para	12	13	14
12			
13	364		
14	344	669	

20  
100  
600

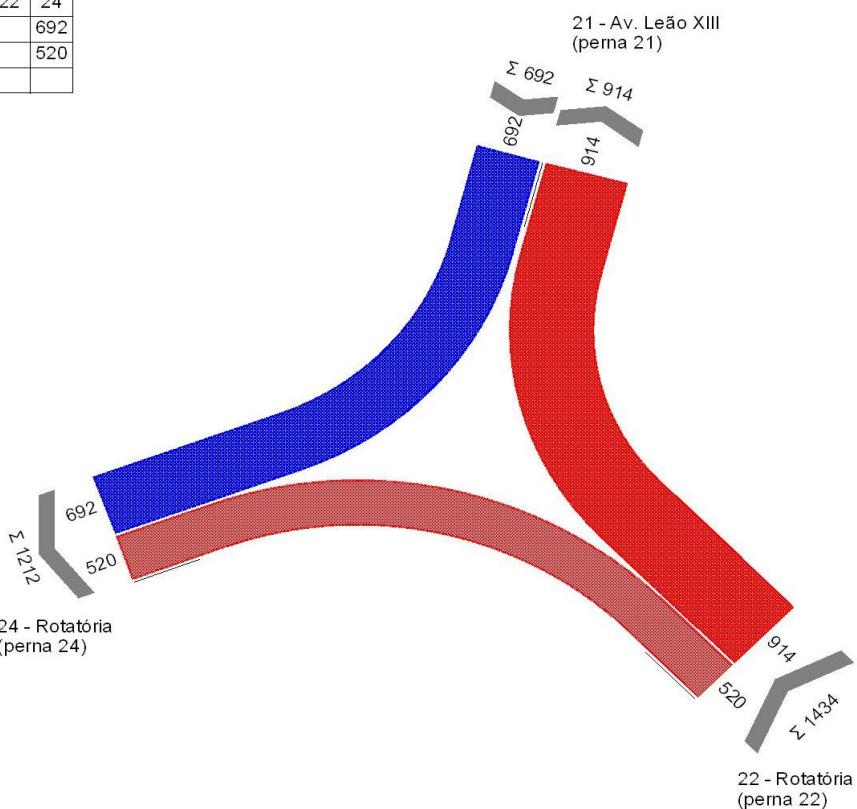


**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 20:00 - 21:00  
 On the basis of a time period 29.11.2018 20:00 - 29.11.2018 21:00  
 2126 PCU

De \ Para	21	22	24
21			692
22	914		520
24			

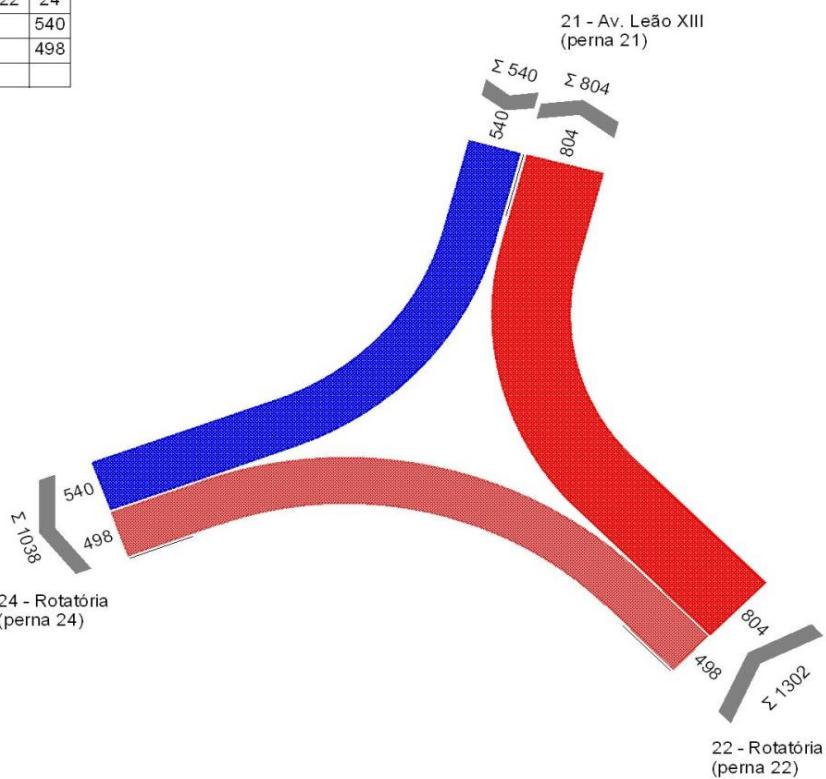
20  
 100  
 900



Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 21:00 - 22:00  
 On the basis of a time period 29.11.2018 21:00 - 29.11.2018 22:00  
 1842 PCU

De \ Para	21	22	24
21			540
22	804		498
24			

20  
 100  
 800



**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

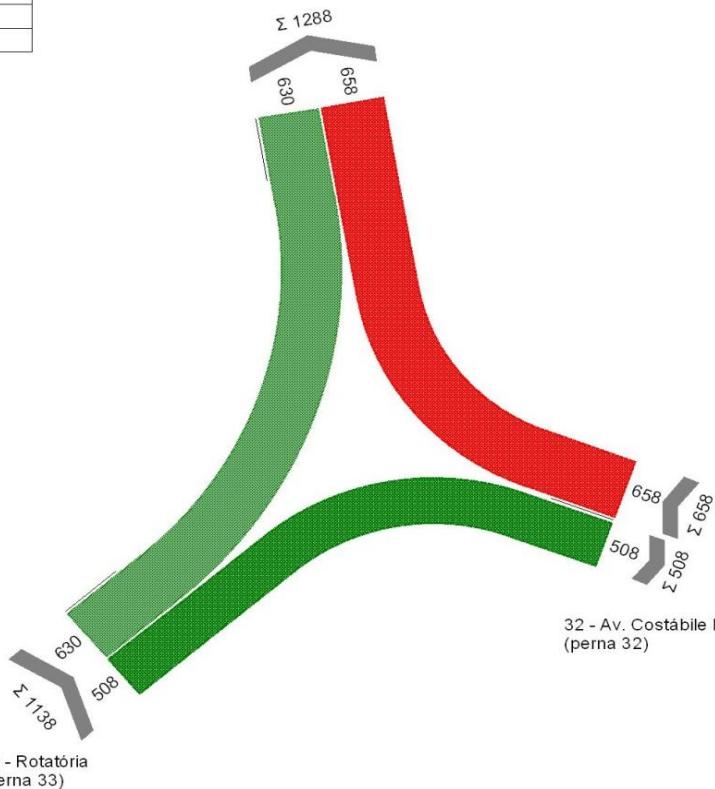
Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 20:00 - 21:00  
 On the basis of a time period 29.11.2018 20:00 - 29.11.2018 21:00  
 1796 PCU

De \ Para	31	32	33
31			
32	658		
33	630	508	

20  
 100  
 600

31 - Rotatória  
 (perna 31)

$\Sigma 1288$



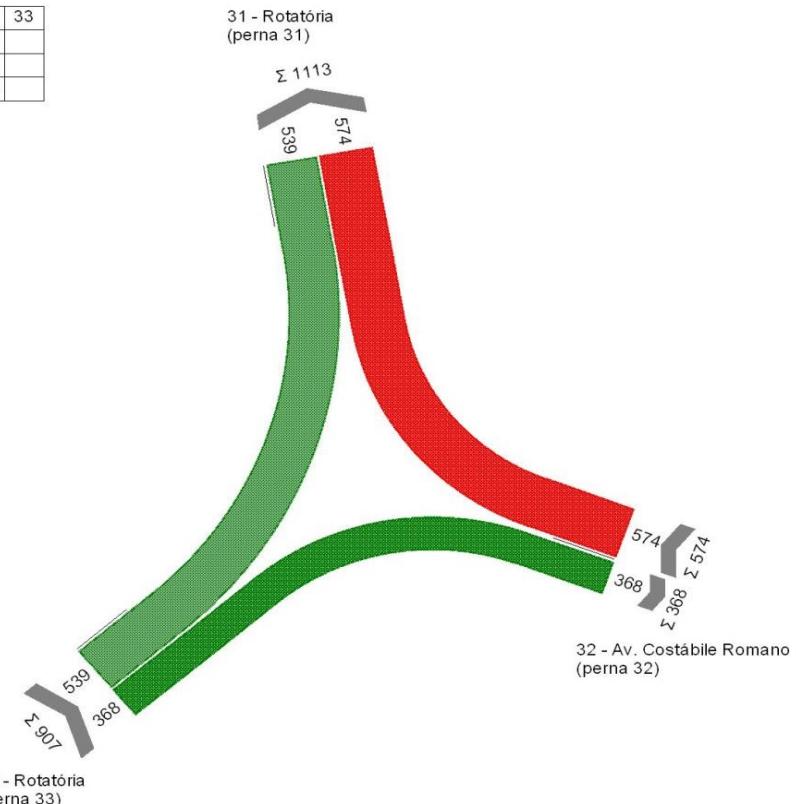
Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 21:00 - 22:00  
 On the basis of a time period 29.11.2018 21:00 - 29.11.2018 22:00  
 1481 PCU

De \ Para	31	32	33
31			
32	574		
33	539	368	

20  
 100  
 500

31 - Rotatória  
 (perna 31)

$\Sigma 1113$

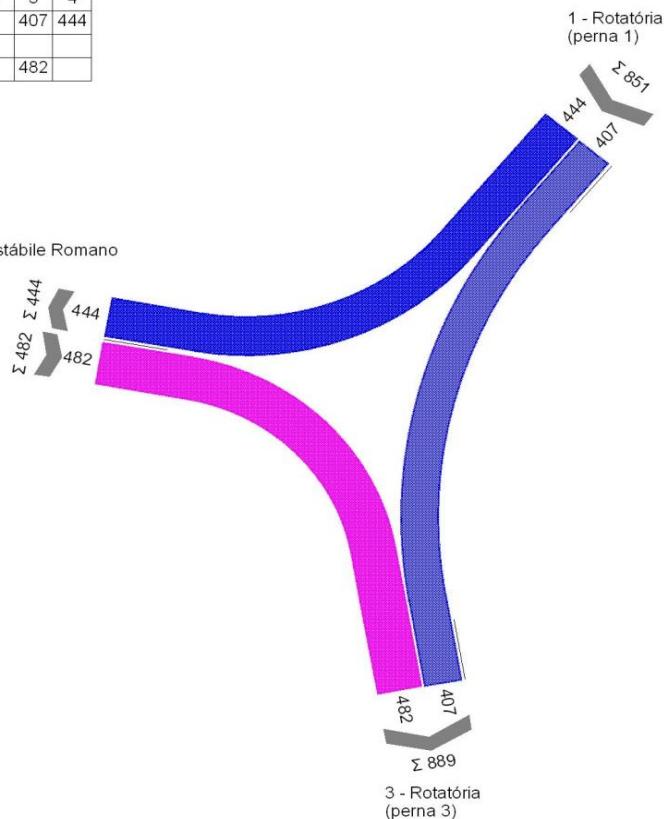


**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 22:00 - 23:00  
 On the basis of a time period 29.11.2018 22:00 - 29.11.2018 23:00  
 1333 PCU

De \ Para	1	3	4
1		407	444
3			
4		482	

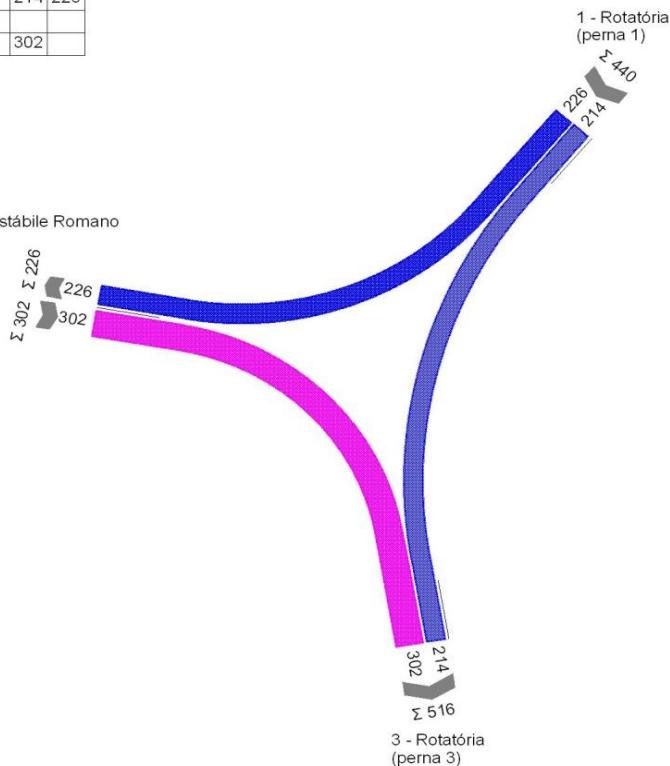
20  
 100  
 400



Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 23:00 - 00:00  
 On the basis of a time period 29.11.2018 23:00 - 30.11.2018 00:00  
 742 PCU

De \ Para	1	3	4
1		214	226
3			
4		302	

20  
 100  
 300



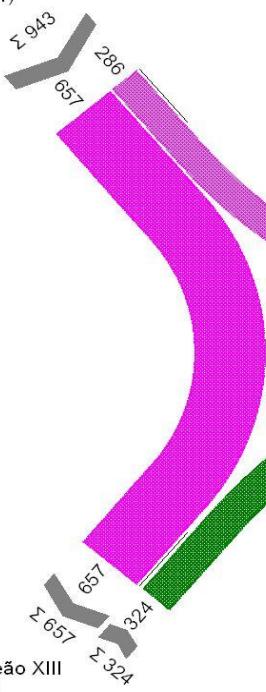
**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 22:00 - 23:00  
 On the basis of a time period 29.11.2018 22:00 - 29.11.2018 23:00  
 1267 PCU

De \ Para	12	13	14
12			
13	324		
14	286	657	

20  
 100  
 600

14 - Rotatória  
 (perna 14)



12 - Rotatória  
 (perna 12)

286  
 324

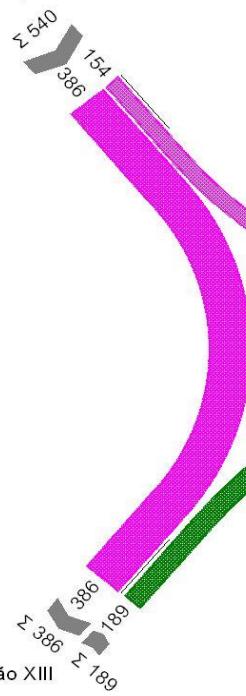
13 - Av. Leão XIII  
 (perna 13)

Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 23:00 - 00:00  
 On the basis of a time period 29.11.2018 23:00 - 30.11.2018 00:00  
 729 PCU

De \ Para	12	13	14
12			
13	189		
14	154	386	

20  
 100  
 300

14 - Rotatória  
 (perna 14)



12 - Rotatória  
 (perna 12)

154  
 189

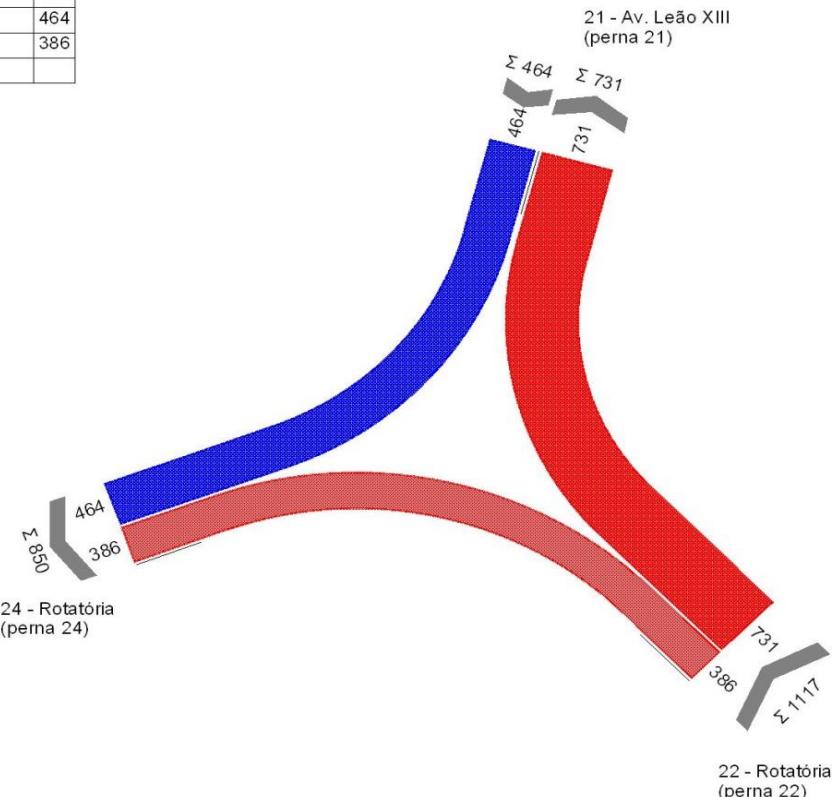
13 - Av. Leão XIII  
 (perna 13)

**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 22:00 - 23:00  
 On the basis of a time period 29.11.2018 22:00 - 29.11.2018 23:00  
 1581 PCU

De \ Para	21	22	24
21			464
22	731		386
24			

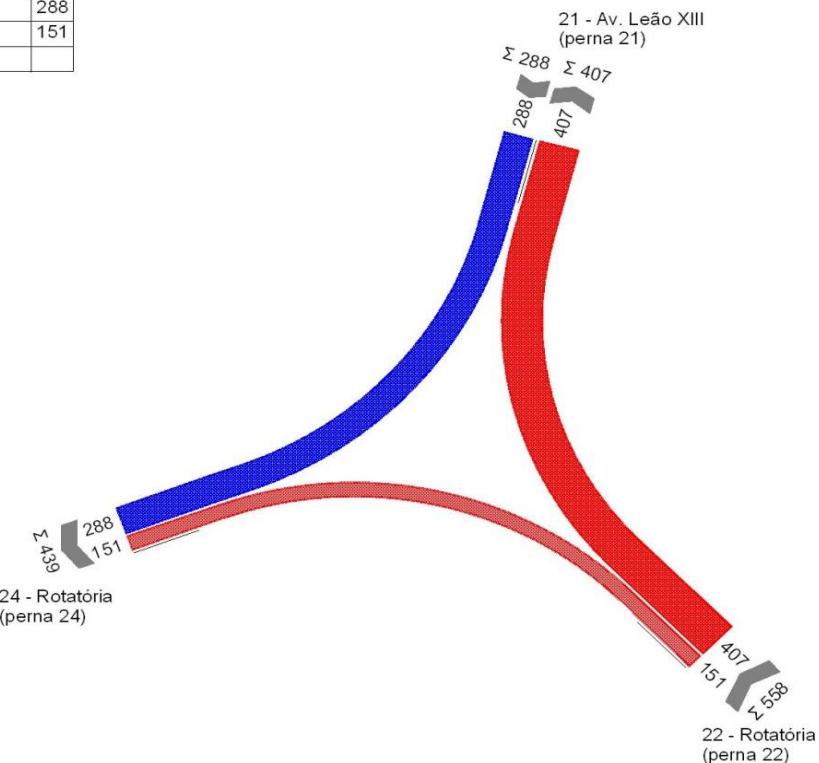
20  
 100  
 700



Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 23:00 - 00:00  
 On the basis of a time period 29.11.2018 23:00 - 30.11.2018 00:00  
 846 PCU

De \ Para	21	22	24
21			288
22	407		151
24			

20  
 100  
 400

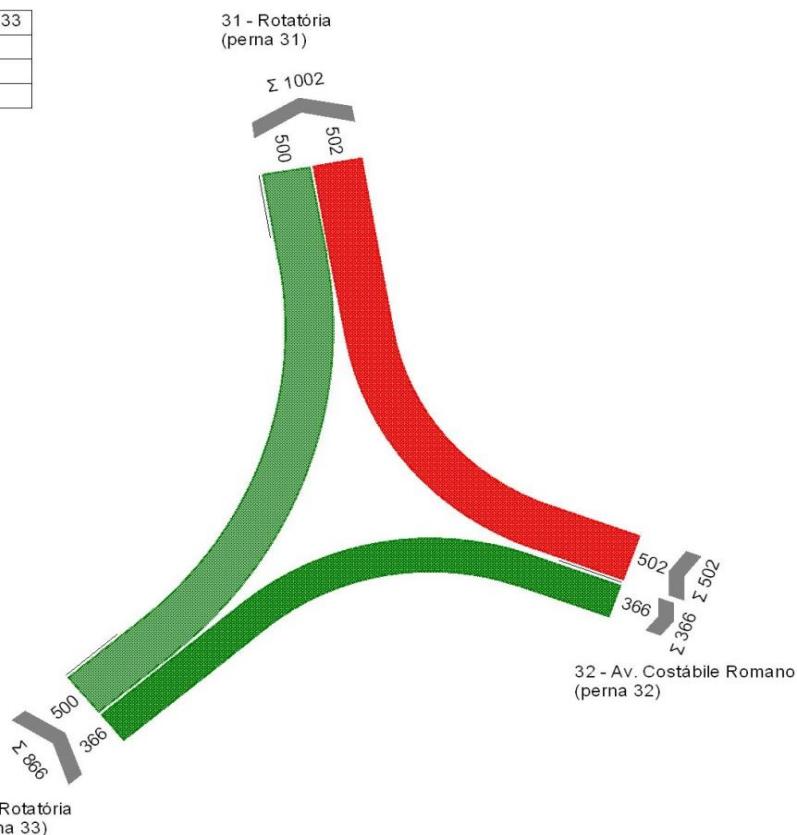


**Diagrama de Fluxos R07 - Praça Assis Chateaubriand**

Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 22:00 - 23:00  
 On the basis of a time period 29.11.2018 22:00 - 29.11.2018 23:00  
 1368 PCU

De \ Para	31	32	33
31			
32	502		
33	500	366	

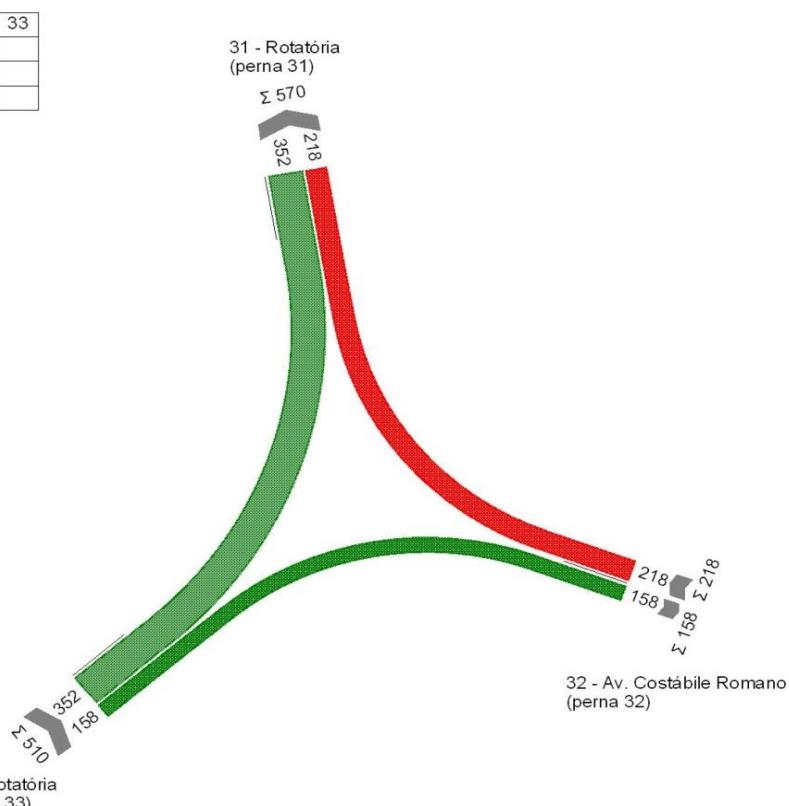
20  
 100  
 500



Contagem De 29-11-2018 as 01h00 até 30-11-2018 as 01h00  
 Valor horário máximo 23:00 - 00:00  
 On the basis of a time period 29.11.2018 23:00 - 30.11.2018 00:00  
 728 PCU

De \ Para	31	32	33
31			
32	218		
33	352	158	

20  
 100  
 300



PCU

R07 - Praça Assis Chateaubriand

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      Rotatória em frente****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	75	6	0	0	0	78	81
1:00	2:00	31	5	0	0	0	34	36
2:00	3:00	20	3	0	0	0	22	23
3:00	4:00	18	4	0	0	0	20	22
4:00	5:00	20	4	2	3	0	33	29
5:00	6:00	47	17	2	5	0	71	71
6:00	7:00	277	31	2	24	0	346	334
7:00	8:00	857	105	4	13	0	946	979
8:00	9:00	723	83	10	7	0	804	823
9:00	10:00	607	89	5	6	0	676	707
10:00	11:00	550	91	7	6	0	625	654
11:00	12:00	688	114	7	4	0	771	813

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	706	106	5	16	0	804	833
13:00	14:00	667	99	8	6	0	749	780
14:00	15:00	552	88	8	5	0	626	653
15:00	16:00	553	87	5	8	0	625	653
16:00	17:00	573	70	1	8	0	627	652
17:00	18:00	853	88	4	6	0	919	951
18:00	19:00	1050	164	3	23	0	1186	1240
19:00	20:00	848	121	0	9	0	927	978
20:00	21:00	585	106	1	4	0	649	696
21:00	22:00	489	101	0	3	0	546	593
22:00	23:00	355	83	1	4	0	407	443
23:00	0:00	192	31	0	3	0	214	226

**Movimento Contado****1 > 3 Rotatória 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	19	0	0	0	0	19	19	12:00	12:15	206	27	2	4	0	233	239
0:15	0:30	15	1	0	0	0	16	16	12:15	12:30	188	33	0	2	0	209	223
0:30	0:45	14	3	0	0	0	16	17	12:30	12:45	150	30	3	6	0	185	189
0:45	1:00	27	2	0	0	0	28	29	12:45	13:00	162	16	0	4	0	178	182
1:00	1:15	16	2	0	0	0	17	18	13:00	13:15	170	22	0	3	0	187	195
1:15	1:30	5	1	0	0	0	6	6	13:15	13:30	171	24	5	1	0	198	201
1:30	1:45	5	1	0	0	0	6	6	13:30	13:45	171	27	0	1	0	187	199
1:45	2:00	5	1	0	0	0	6	6	13:45	14:00	155	26	3	1	0	178	185
2:00	2:15	8	0	0	0	0	8	8	14:00	14:15	149	22	1	1	0	165	173
2:15	2:30	3	1	0	0	0	4	4	14:15	14:30	129	21	3	2	0	151	155
2:30	2:45	5	1	0	0	0	6	6	14:30	14:45	136	25	0	1	0	151	162
2:45	3:00	4	1	0	0	0	5	5	14:45	15:00	138	20	4	1	0	160	163
3:00	3:15	5	1	0	0	0	6	6	15:00	15:15	148	19	0	2	0	162	169
3:15	3:30	3	1	0	0	0	4	4	15:15	15:30	129	22	2	3	0	151	156
3:30	3:45	5	1	0	0	0	6	6	15:30	15:45	136	24	0	2	0	152	162
3:45	4:00	5	1	0	0	0	6	6	15:45	16:00	140	22	3	1	0	161	166
4:00	4:15	4	1	0	1	0	7	6	16:00	16:15	135	16	0	2	0	147	153
4:15	4:30	4	1	1	0	0	7	6	16:15	16:30	145	14	1	2	0	159	162
4:30	4:45	6	2	0	1	0	9	9	16:30	16:45	144	20	0	2	0	158	166
4:45	5:00	6	0	1	1	0	11	8	16:45	17:00	149	20	0	2	0	163	171
5:00	5:15	4	3	1	1	0	10	9	17:00	17:15	193	19	1	1	0	207	214
5:15	5:30	6	1	0	0	0	7	7	17:15	17:30	206	21	1	1	0	221	229
5:30	5:45	17	5	1	2	0	26	25	17:30	17:45	213	22	1	1	0	229	237
5:45	6:00	20	8	0	2	0	28	30	17:45	18:00	241	26	1	3	0	263	271
6:00	6:15	16	2	1	4	0	28	23	18:00	18:15	259	49	0	2	0	288	310
6:15	6:30	38	6	1	9	0	62	54	18:15	18:30	223	29	1	4	0	248	257
6:30	6:45	75	8	0	0	0	79	83	18:30	18:45	265	35	2	7	0	302	309
6:45	7:00	148	15	0	11	0	178	174	18:45	19:00	303	51	0	10	0	349	364
7:00	7:15	186	18	0	4	0	203	208	19:00	19:15	291	45	0	3	0	320	339
7:15	7:30	182	28	1	6	0	211	217	19:15	19:30	208	25	0	3	0	227	236
7:30	7:45	230	26	1	1	0	248	258	19:30	19:45	185	28	0	2	0	203	215
7:45	8:00	259	33	2	2	0	285	296	19:45	20:00	164	23	0	1	0	178	188
8:00	8:15	221	32	5	3	0	256	261	20:00	20:15	161	28	1	1	0	180	191
8:15	8:30	165	19	1	1	0	179	186	20:15	20:30	157	25	0	1	0	172	183
8:30	8:45	159	19	4	2	0	183	184	20:30	20:45	135	28	0	1	0	151	164
8:45	9:00	178	13	0	1	0	187	192	20:45	21:00	132	25	0	1	0	147	158
9:00	9:15	166	17	1	2	0	181	186	21:00	21:15	137	26	0	1	0	152	164
9:15	9:30	143	17	2	1	0	159	163	21:15	21:30	136	21	0	0	0	147	157
9:30	9:45	148	24	0	2	0	164	174	21:30	21:45	121	30	0	1	0	138	152
9:45	10:00	150	31	2	1	0	173	184	21:45	22:00	95	24	0	1	0	109	120
10:00	10:15	139	27	1	1	0	157	168	22:00	22:15	103	23	0	0	0	115	126
10:15	10:30	133	23	3	1	0	154	160	22:15	22:30	106	17	0	4	0	123	127
10:30	10:45	138	21	1	1	0	153	161	22:30	22:45	84	23	1	0	0	98	108
10:45	11:00	140	20	2	3	0	161	165	22:45	23:00	62	20	0	0	0	72	82
11:00	11:15	160	28	0	0	0	174	188	23:00	23:15	60	13	0	0	0	67	73
11:15	11:30	164	38	3	2	0	195	207	23:15	23:30	48	7	0	2	0	56	57
11:30	11:45	173	28	0	1	0	189	202	23:30	23:45	44	6	0	0	0	47	50
11:45	12:00	191	20	4	1	0	213	216	23:45	0:00	40	5	0	1	0	45	46

**Movimento Contado****1 > 4      Rotatória conv à dir. Av. Costábile Romano****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	50	15	1	0	0	60	66
1:00	2:00	23	8	0	1	0	29	32
2:00	3:00	12	6	2	1	0	22	21
3:00	4:00	22	7	1	0	0	28	30
4:00	5:00	23	12	2	0	0	34	37
5:00	6:00	102	31	2	0	0	123	135
6:00	7:00	452	105	6	7	0	534	570
7:00	8:00	1084	215	11	5	0	1229	1315
8:00	9:00	979	182	18	2	0	1119	1181
9:00	10:00	875	117	10	1	0	961	1003
10:00	11:00	776	137	6	1	0	862	920
11:00	12:00	818	173	8	1	0	927	1000

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	966	151	11	5	0	1079	1133
13:00	14:00	958	174	14	2	0	1084	1148
14:00	15:00	939	153	6	2	0	1035	1100
15:00	16:00	925	158	10	1	0	1031	1094
16:00	17:00	954	153	10	1	0	1058	1118
17:00	18:00	952	191	8	1	0	1070	1152
18:00	19:00	893	175	5	2	0	997	1075
19:00	20:00	682	127	1	0	0	748	810
20:00	21:00	503	109	1	2	0	564	615
21:00	22:00	429	117	1	1	0	492	548
22:00	23:00	380	123	0	1	0	444	504
23:00	0:00	191	59	2	0	0	226	252

**Movimento Contado****1 > 4****Rotatória conv à dir. Av. Costábile Romano****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	12	7	1	0	0	18	20	12:00	12:15	241	39	3	0	0	268	283
0:15	0:30	10	0	0	0	0	10	10	12:15	12:30	238	34	3	2	0	267	277
0:30	0:45	9	4	0	0	0	11	13	12:30	12:45	247	33	3	1	0	273	284
0:45	1:00	19	4	0	0	0	21	23	12:45	13:00	240	45	2	2	0	272	289
1:00	1:15	9	1	0	0	0	10	10	13:00	13:15	238	44	2	1	0	267	285
1:15	1:30	6	2	0	0	0	7	8	13:15	13:30	245	44	3	0	0	275	292
1:30	1:45	4	3	0	0	0	6	7	13:30	13:45	242	44	2	0	0	269	288
1:45	2:00	4	2	0	1	0	7	7	13:45	14:00	233	42	7	1	0	274	283
2:00	2:15	3	1	1	0	0	6	5	14:00	14:15	228	43	1	0	0	252	272
2:15	2:30	3	3	0	0	0	5	6	14:15	14:30	236	42	2	0	0	262	280
2:30	2:45	4	0	0	0	0	4	4	14:30	14:45	241	38	0	1	0	262	280
2:45	3:00	2	2	1	1	0	8	6	14:45	15:00	234	30	3	1	0	259	268
3:00	3:15	4	2	0	0	0	5	6	15:00	15:15	238	35	3	0	0	263	276
3:15	3:30	4	2	0	0	0	5	6	15:15	15:30	223	38	4	0	0	252	265
3:30	3:45	6	1	0	0	0	7	7	15:30	15:45	232	44	0	1	0	256	277
3:45	4:00	8	2	1	0	0	12	11	15:45	16:00	232	41	3	0	0	260	276
4:00	4:15	6	2	1	0	0	10	9	16:00	16:15	232	35	1	0	0	252	268
4:15	4:30	8	3	0	0	0	10	11	16:15	16:30	226	31	2	1	0	249	260
4:30	4:45	6	3	1	0	0	10	10	16:30	16:45	248	43	2	0	0	275	293
4:45	5:00	3	4	0	0	0	5	7	16:45	17:00	248	44	5	0	0	283	297
5:00	5:15	8	4	1	0	0	13	13	17:00	17:15	258	46	0	1	0	283	305
5:15	5:30	13	4	0	0	0	15	17	17:15	17:30	247	38	6	0	0	281	291
5:30	5:45	31	9	0	0	0	36	40	17:30	17:45	219	49	1	0	0	246	269
5:45	6:00	50	14	1	0	0	60	65	17:45	18:00	228	58	1	0	0	260	287
6:00	6:15	34	13	1	0	0	43	48	18:00	18:15	275	50	2	0	0	305	327
6:15	6:30	52	19	3	1	0	71	75	18:15	18:30	244	49	1	0	0	271	294
6:30	6:45	138	36	1	3	0	165	178	18:30	18:45	187	36	0	1	0	207	224
6:45	7:00	228	37	1	3	0	255	269	18:45	19:00	187	40	2	1	0	214	230
7:00	7:15	259	34	2	1	0	283	296	19:00	19:15	185	35	0	0	0	203	220
7:15	7:30	247	35	3	2	0	276	287	19:15	19:30	184	28	1	0	0	201	213
7:30	7:45	301	59	3	1	0	340	364	19:30	19:45	166	34	0	0	0	183	200
7:45	8:00	277	87	3	1	0	330	368	19:45	20:00	147	30	0	0	0	162	177
8:00	8:15	243	52	7	2	0	291	304	20:00	20:15	153	33	0	0	0	170	186
8:15	8:30	244	35	2	0	0	267	281	20:15	20:30	136	31	0	0	0	152	167
8:30	8:45	236	47	5	0	0	272	288	20:30	20:45	120	26	1	2	0	140	149
8:45	9:00	256	48	4	0	0	290	308	20:45	21:00	94	19	0	0	0	104	113
9:00	9:15	233	42	1	0	0	257	276	21:00	21:15	120	33	0	0	0	137	153
9:15	9:30	207	23	3	1	0	228	234	21:15	21:30	99	33	0	1	0	118	133
9:30	9:45	218	21	3	0	0	236	242	21:30	21:45	103	28	1	0	0	120	132
9:45	10:00	217	31	3	0	0	240	251	21:45	22:00	107	23	0	0	0	119	130
10:00	10:15	191	30	1	0	0	209	222	22:00	22:15	107	36	0	0	0	125	143
10:15	10:30	182	34	2	1	0	206	219	22:15	22:30	113	44	0	0	0	135	157
10:30	10:45	199	36	1	0	0	220	236	22:30	22:45	88	31	0	1	0	106	120
10:45	11:00	204	37	2	0	0	228	243	22:45	23:00	72	12	0	0	0	78	84
11:00	11:15	204	36	0	0	0	222	240	23:00	23:15	59	13	1	0	0	68	73
11:15	11:30	191	38	2	0	0	215	231	23:15	23:30	42	15	1	0	0	52	58
11:30	11:45	205	45	1	0	0	230	251	23:30	23:45	45	16	0	0	0	53	61
11:45	12:00	218	54	5	1	0	260	278	23:45	0:00	45	15	0	0	0	53	60

**Movimento Contado****4 > 3 Av. Costábile conv à dir. Rotatória****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	114	23	1	0	0	128	138
1:00	2:00	61	13	1	0	0	70	75
2:00	3:00	27	7	0	0	0	31	34
3:00	4:00	12	4	0	0	0	14	16
4:00	5:00	16	3	1	1	0	22	21
5:00	6:00	40	31	0	1	0	58	72
6:00	7:00	239	74	0	1	0	278	314
7:00	8:00	898	168	1	8	0	1001	1075
8:00	9:00	757	137	12	2	0	860	908
9:00	10:00	797	106	7	1	0	870	911
10:00	11:00	828	94	9	2	0	902	933
11:00	12:00	833	110	8	1	0	910	952

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	992	141	12	2	0	1097	1147
13:00	14:00	1021	123	5	3	0	1101	1152
14:00	15:00	885	124	9	2	0	974	1020
15:00	16:00	868	122	8	0	0	949	998
16:00	17:00	953	138	5	1	0	1037	1097
17:00	18:00	1016	149	8	2	0	1115	1175
18:00	19:00	1102	201	1	0	0	1205	1304
19:00	20:00	685	123	1	3	0	755	812
20:00	21:00	535	103	1	0	0	589	639
21:00	22:00	437	69	1	1	0	476	508
22:00	23:00	436	78	1	2	0	482	517
23:00	0:00	268	50	1	3	0	302	322

**Movimento Contado****4 > 3****Av. Costábile conv à dir. Rotatória****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	34	10	1	0	0	42	45	12:00	12:15	242	31	1	0	0	260	274
0:15	0:30	34	7	0	0	0	38	41	12:15	12:30	249	45	6	0	0	287	300
0:30	0:45	24	2	0	0	0	25	26	12:30	12:45	256	32	5	2	0	289	295
0:45	1:00	22	4	0	0	0	24	26	12:45	13:00	245	33	0	0	0	262	278
1:00	1:15	21	4	0	0	0	23	25	13:00	13:15	260	32	1	0	0	279	293
1:15	1:30	13	4	0	0	0	15	17	13:15	13:30	281	31	2	1	0	304	315
1:30	1:45	15	3	0	0	0	17	18	13:30	13:45	249	30	0	1	0	266	280
1:45	2:00	12	2	1	0	0	16	15	13:45	14:00	231	30	2	1	0	253	264
2:00	2:15	10	2	0	0	0	11	12	14:00	14:15	224	33	0	0	0	241	257
2:15	2:30	8	3	0	0	0	10	11	14:15	14:30	212	29	5	0	0	239	246
2:30	2:45	7	2	0	0	0	8	9	14:30	14:45	223	33	1	1	0	244	258
2:45	3:00	2	0	0	0	0	2	2	14:45	15:00	226	29	3	1	0	250	259
3:00	3:15	4	1	0	0	0	5	5	15:00	15:15	222	28	0	0	0	236	250
3:15	3:30	2	0	0	0	0	2	2	15:15	15:30	224	25	3	0	0	244	252
3:30	3:45	3	2	0	0	0	4	5	15:30	15:45	210	33	2	0	0	232	245
3:45	4:00	3	1	0	0	0	4	4	15:45	16:00	212	36	3	0	0	238	251
4:00	4:15	8	0	0	0	0	8	8	16:00	16:15	225	29	1	0	0	242	255
4:15	4:30	6	0	0	0	0	6	6	16:15	16:30	250	26	2	0	0	268	278
4:30	4:45	2	1	0	1	0	5	4	16:30	16:45	242	41	0	1	0	265	284
4:45	5:00	0	2	1	0	0	4	3	16:45	17:00	236	42	2	0	0	262	280
5:00	5:15	4	3	0	0	0	6	7	17:00	17:15	257	38	0	1	0	278	296
5:15	5:30	4	3	0	0	0	6	7	17:15	17:30	270	20	4	1	0	292	295
5:30	5:45	14	7	0	1	0	20	22	17:30	17:45	246	42	2	0	0	272	290
5:45	6:00	18	18	0	0	0	27	36	17:45	18:00	243	49	2	0	0	273	294
6:00	6:15	18	10	0	0	0	23	28	18:00	18:15	307	65	0	0	0	340	372
6:15	6:30	16	20	0	0	0	26	36	18:15	18:30	342	50	1	0	0	370	393
6:30	6:45	61	19	0	0	0	71	80	18:30	18:45	259	44	0	0	0	281	303
6:45	7:00	144	25	0	1	0	159	170	18:45	19:00	194	42	0	0	0	215	236
7:00	7:15	199	26	0	1	0	214	226	19:00	19:15	189	34	0	0	0	206	223
7:15	7:30	231	32	0	4	0	255	267	19:15	19:30	172	29	0	2	0	191	203
7:30	7:45	221	45	0	1	0	246	267	19:30	19:45	183	30	1	0	0	201	214
7:45	8:00	247	65	1	2	0	286	315	19:45	20:00	141	30	0	1	0	158	172
8:00	8:15	245	63	1	0	0	279	309	20:00	20:15	146	28	0	0	0	160	174
8:15	8:30	188	22	1	1	0	204	212	20:15	20:30	142	23	0	0	0	154	165
8:30	8:45	169	30	7	0	0	202	206	20:30	20:45	132	26	1	0	0	148	159
8:45	9:00	155	22	3	1	0	176	181	20:45	21:00	115	26	0	0	0	128	141
9:00	9:15	189	30	2	0	0	209	221	21:00	21:15	108	21	0	1	0	121	130
9:15	9:30	212	33	3	0	0	236	248	21:15	21:30	105	17	1	0	0	116	123
9:30	9:45	202	23	0	1	0	216	226	21:30	21:45	113	16	0	0	0	121	129
9:45	10:00	194	20	2	0	0	209	216	21:45	22:00	111	15	0	0	0	119	126
10:00	10:15	195	25	0	0	0	208	220	22:00	22:15	116	19	0	0	0	126	135
10:15	10:30	206	27	4	1	0	232	238	22:15	22:30	111	19	0	2	0	125	132
10:30	10:45	212	19	0	1	0	224	232	22:30	22:45	106	22	1	0	0	120	129
10:45	11:00	215	23	5	0	0	239	243	22:45	23:00	103	18	0	0	0	112	121
11:00	11:15	204	22	2	1	0	222	229	23:00	23:15	94	17	0	2	0	107	113
11:15	11:30	197	28	3	0	0	219	228	23:15	23:30	76	14	1	0	0	86	91
11:30	11:45	215	28	0	0	0	229	243	23:30	23:45	57	11	0	0	0	63	68
11:45	12:00	217	32	3	0	0	241	252	23:45	0:00	41	8	0	1	0	47	50

**Movimento Contado****13 > 12 Av. Leão XIII conv à dir. Rotatória****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	65	15	0	2	0	77	82
1:00	2:00	34	8	1	0	0	41	43
2:00	3:00	12	8	0	0	0	16	20
3:00	4:00	11	5	1	0	0	16	17
4:00	5:00	20	9	0	2	0	29	31
5:00	6:00	51	13	2	3	0	69	69
6:00	7:00	198	16	1	8	0	225	223
7:00	8:00	669	43	0	5	0	701	717
8:00	9:00	636	68	5	4	0	691	713
9:00	10:00	397	64	6	5	0	454	472
10:00	11:00	335	72	7	5	0	399	419
11:00	12:00	360	64	7	4	0	418	435

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	448	65	7	10	0	518	530
13:00	14:00	369	74	7	4	0	432	454
14:00	15:00	401	49	3	2	0	437	455
15:00	16:00	427	75	3	2	0	476	507
16:00	17:00	371	82	5	4	0	433	462
17:00	18:00	531	87	3	2	0	586	623
18:00	19:00	594	80	1	17	0	671	692
19:00	20:00	468	70	1	8	0	522	547
20:00	21:00	407	79	2	6	0	464	494
21:00	22:00	320	75	0	3	0	364	398
22:00	23:00	273	64	1	8	0	324	346
23:00	0:00	159	39	1	4	0	189	203

**Movimento Contado****13 > 12 Av. Leão XIII conv à dir. Rotatória****Fluxo veicular a cada 15 minutos**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	0:15	20	3	0	2	0	26	25
0:15	0:30	19	4	0	0	0	21	23
0:30	0:45	14	5	0	0	0	17	19
0:45	1:00	12	3	0	0	0	14	15
1:00	1:15	11	1	0	0	0	12	12
1:15	1:30	10	3	0	0	0	12	13
1:30	1:45	7	2	0	0	0	8	9
1:45	2:00	6	2	1	0	0	10	9
2:00	2:15	3	2	0	0	0	4	5
2:15	2:30	3	3	0	0	0	5	6
2:30	2:45	4	1	0	0	0	5	5
2:45	3:00	2	2	0	0	0	3	4
3:00	3:15	2	3	0	0	0	4	5
3:15	3:30	3	0	0	0	0	3	3
3:30	3:45	3	1	1	0	0	6	5
3:45	4:00	3	1	0	0	0	4	4
4:00	4:15	5	3	0	0	0	7	8
4:15	4:30	6	3	0	0	0	8	9
4:30	4:45	5	1	0	0	0	6	6
4:45	5:00	4	2	0	2	0	9	8
5:00	5:15	10	3	1	0	0	14	14
5:15	5:30	12	1	0	1	0	15	14
5:30	5:45	13	4	1	1	0	20	19
5:45	6:00	16	5	0	1	0	21	22
6:00	6:15	20	4	0	2	0	26	26
6:15	6:30	25	3	0	0	0	27	28
6:30	6:45	35	6	0	2	0	42	43
6:45	7:00	118	3	1	4	0	130	126
7:00	7:15	202	4	0	3	0	210	209
7:15	7:30	166	7	0	1	0	172	174
7:30	7:45	140	12	0	1	0	148	153
7:45	8:00	161	20	0	0	0	171	181
8:00	8:15	194	19	1	1	0	208	215
8:15	8:30	188	14	2	1	0	202	205
8:30	8:45	118	9	0	1	0	125	128
8:45	9:00	136	26	2	1	0	156	165
9:00	9:15	119	14	0	2	0	130	135
9:15	9:30	89	10	4	1	0	106	104
9:30	9:45	98	21	0	1	0	111	120
9:45	10:00	91	19	2	1	0	108	113
10:00	10:15	100	22	1	1	0	116	124
10:15	10:30	81	17	4	1	0	102	103
10:30	10:45	78	19	0	2	0	92	99
10:45	11:00	76	14	2	1	0	90	93
11:00	11:15	85	19	0	1	0	97	105
11:15	11:30	84	20	2	0	0	99	106
11:30	11:45	91	14	1	1	0	103	107
11:45	12:00	100	11	4	2	0	120	117

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	12:15	114	14	2	2	0	130	132
12:15	12:30	112	29	2	5	0	142	148
12:30	12:45	109	12	1	2	0	122	124
12:45	13:00	113	10	2	1	0	125	126
13:00	13:15	41	20	0	1	0	53	530
13:15	13:30	95	24	3	1	0	117	133
13:30	13:45	114	18	0	1	0	125	136
13:45	14:00	119	12	4	1	0	137	145
14:00	14:15	114	15	0	0	0	122	129
14:15	14:30	103	13	1	1	0	114	118
14:30	14:45	90	13	0	1	0	99	104
14:45	15:00	94	8	2	0	0	103	104
15:00	15:15	110	20	2	0	0	125	132
15:15	15:30	106	17	0	1	0	117	124
15:30	15:45	97	23	1	1	0	113	122
15:45	16:00	114	15	0	0	0	122	129
16:00	16:15	92	27	1	0	0	108	120
16:15	16:30	77	24	3	2	0	101	106
16:30	16:45	100	17	0	1	0	111	118
16:45	17:00	102	14	1	1	0	114	118
17:00	17:15	118	26	0	0	0	131	144
17:15	17:30	143	20	2	0	0	158	165
17:30	17:45	132	24	1	0	0	147	157
17:45	18:00	138	17	0	2	0	151	157
18:00	18:15	150	20	0	3	0	166	173
18:15	18:30	144	18	0	2	0	157	164
18:30	18:45	147	19	0	5	0	167	171
18:45	19:00	153	23	1	7	0	181	184
19:00	19:15	147	21	1	3	0	166	172
19:15	19:30	116	17	0	2	0	129	135
19:30	19:45	108	16	0	2	0	120	126
19:45	20:00	97	16	0	1	0	107	114
20:00	20:15	106	24	1	1	0	123	132
20:15	20:30	110	19	0	2	0	124	131
20:30	20:45	107	17	0	1	0	118	125
20:45	21:00	84	19	1	2	0	100	106
21:00	21:15	94	20	0	1	0	106	115
21:15	21:30	93	16	0	1	0	103	110
21:30	21:45	74	23	0	1	0	88	98
21:45	22:00	59	16	0	0	0	67	75
22:00	22:15	75	19	1	1	0	89	96
22:15	22:30	71	16	0	4	0	87	91
22:30	22:45	65	16	0	1	0	75	82
22:45	23:00	62	13	0	2	0	73	77
23:00	23:15	52	13	1	2	0	65	68
23:15	23:30	42	10	0	0	0	47	52
23:30	23:45	38	11	0	2	0	48	51
23:45	0:00	27	5	0	0	0	30	32

**Movimento Contado****14 > 12      Rotatória em frente****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	77	18	0	0	0	86	95
1:00	2:00	28	2	0	0	0	29	30
2:00	3:00	10	4	0	0	0	12	14
3:00	4:00	15	3	0	0	0	17	18
4:00	5:00	16	2	0	3	0	23	21
5:00	6:00	40	6	1	2	0	50	49
6:00	7:00	168	20	0	16	0	210	204
7:00	8:00	422	40	1	8	0	461	471
8:00	9:00	404	45	4	2	0	441	455
9:00	10:00	391	53	6	3	0	439	453
10:00	11:00	401	65	4	5	0	454	475
11:00	12:00	395	66	7	2	0	450	470

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	487	68	5	9	0	552	569
13:00	14:00	429	58	8	2	0	482	497
14:00	15:00	417	47	6	4	0	464	474
15:00	16:00	396	50	3	2	0	433	451
16:00	17:00	435	52	0	3	0	467	490
17:00	18:00	587	61	1	4	0	628	653
18:00	19:00	614	79	1	19	0	694	713
19:00	20:00	482	55	0	10	0	530	547
20:00	21:00	413	64	1	3	0	454	481
21:00	22:00	309	55	0	4	0	345	368
22:00	23:00	254	46	1	3	0	286	304
23:00	0:00	130	23	0	6	0	154	159

**Movimento Contado****14 > 12      Rotatória 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	21	8	0	0	0	25		12:00	12:15	134	10	2	2	0	148	148
0:15	0:30	29	5	0	0	0	32		12:15	12:30	128	24	1	3	0	149	156
0:30	0:45	19	5	0	0	0	22		12:30	12:45	141	22	2	2	0	161	167
0:45	1:00	8	0	0	0	0	8		12:45	13:00	84	12	0	2	0	94	98
1:00	1:15	10	1	0	0	0	11		13:00	13:15	84	10	1	1	0	94	96
1:15	1:30	5	1	0	0	0	6		13:15	13:30	105	13	3	1	0	121	122
1:30	1:45	7	0	0	0	0	7		13:30	13:45	116	15	1	0	0	126	132
1:45	2:00	6	0	0	0	0	6		13:45	14:00	124	20	3	0	0	142	147
2:00	2:15	5	1	0	0	0	6		14:00	14:15	115	14	0	1	0	124	130
2:15	2:30	2	0	0	0	0	2		14:15	14:30	85	13	3	1	0	101	102
2:30	2:45	2	2	0	0	0	3		14:30	14:45	108	11	1	1	0	118	121
2:45	3:00	1	1	0	0	0	2		14:45	15:00	109	9	2	1	0	121	121
3:00	3:15	3	1	0	0	0	4		15:00	15:15	106	11	0	1	0	114	118
3:15	3:30	1	0	0	0	0	1		15:15	15:30	104	10	1	1	0	114	116
3:30	3:45	5	2	0	0	0	6		15:30	15:45	93	15	1	0	0	103	109
3:45	4:00	6	0	0	0	0	6		15:45	16:00	93	14	1	0	0	103	108
4:00	4:15	6	1	0	1	0	9		16:00	16:15	102	12	0	1	0	110	115
4:15	4:30	4	0	0	0	0	4		16:15	16:30	118	8	0	1	0	124	127
4:30	4:45	4	1	0	1	0	7		16:30	16:45	111	17	0	0	0	120	128
4:45	5:00	2	0	0	1	0	4		16:45	17:00	104	15	0	1	0	114	120
5:00	5:15	6	2	0	0	0	7		17:00	17:15	133	18	0	1	0	144	152
5:15	5:30	4	1	1	0	0	7		17:15	17:30	151	16	1	1	0	164	169
5:30	5:45	12	1	0	1	0	15		17:30	17:45	136	14	0	0	0	143	150
5:45	6:00	18	2	0	1	0	21		17:45	18:00	167	13	0	2	0	178	182
6:00	6:15	6	1	0	2	0	11		18:00	18:15	174	25	0	1	0	189	200
6:15	6:30	20	2	0	6	0	33		18:15	18:30	149	20	0	3	0	165	172
6:30	6:45	50	9	0	1	0	57		18:30	18:45	163	14	1	7	0	187	185
6:45	7:00	92	8	0	7	0	110		18:45	19:00	128	20	0	8	0	154	156
7:00	7:15	86	8	0	4	0	98		19:00	19:15	126	18	0	5	0	145	149
7:15	7:30	97	15	0	3	0	111		19:15	19:30	128	13	0	2	0	139	143
7:30	7:45	115	11	0	0	0	121		19:30	19:45	118	14	0	2	0	129	134
7:45	8:00	124	6	1	1	0	132		19:45	20:00	110	10	0	1	0	117	121
8:00	8:15	111	18	0	0	0	120		20:00	20:15	116	16	1	1	0	129	134
8:15	8:30	90	11	1	1	0	100		20:15	20:30	115	14	0	1	0	124	130
8:30	8:45	98	10	3	0	0	111		20:30	20:45	98	18	0	0	0	107	116
8:45	9:00	105	6	0	1	0	110		20:45	21:00	84	16	0	1	0	94	101
9:00	9:15	104	12	0	0	0	110		21:00	21:15	91	13	0	1	0	100	105
9:15	9:30	88	11	3	1	0	103		21:15	21:30	81	13	0	0	0	88	94
9:30	9:45	92	13	0	1	0	101		21:30	21:45	77	15	0	2	0	89	94
9:45	10:00	107	17	3	1	0	125		21:45	22:00	60	14	0	1	0	69	75
10:00	10:15	102	18	0	0	0	111		22:00	22:15	69	17	0	1	0	80	87
10:15	10:30	95	17	3	0	0	111		22:15	22:30	68	13	0	2	0	79	83
10:30	10:45	95	15	0	2	0	107		22:30	22:45	63	10	1	0	0	71	74
10:45	11:00	109	15	1	3	0	125		22:45	23:00	54	6	0	0	0	57	60
11:00	11:15	94	15	0	0	0	102		23:00	23:15	44	7	0	2	0	52	53
11:15	11:30	93	19	4	0	0	113		23:15	23:30	29	6	0	2	0	36	37
11:30	11:45	97	17	0	1	0	108		23:30	23:45	30	5	0	1	0	35	36
11:45	12:00	111	15	3	1	0	128		23:45	0:00	27	5	0	1	0	32	33

**Movimento Contado****14 > 13      Rotatória conv à dir. Av. Leão XIII****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	140	25	1	0	0	155	166
1:00	2:00	69	14	1	0	0	79	84
2:00	3:00	29	7	0	0	0	33	36
3:00	4:00	11	5	0	0	0	14	16
4:00	5:00	22	5	1	3	0	33	31
5:00	6:00	53	36	1	4	0	82	94
6:00	7:00	352	88	0	8	0	412	448
7:00	8:00	1178	224	3	14	0	1326	1419
8:00	9:00	983	158	10	3	0	1093	1154
9:00	10:00	961	138	7	2	0	1052	1108
10:00	11:00	950	129	11	2	0	1046	1092
11:00	12:00	1034	166	8	3	0	1143	1211

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	1176	165	14	10	0	1314	1365
13:00	14:00	1175	153	9	5	0	1284	1342
14:00	15:00	1005	157	11	3	0	1117	1176
15:00	16:00	970	154	12	3	0	1083	1139
16:00	17:00	1119	160	8	5	0	1229	1292
17:00	18:00	1234	190	10	3	0	1360	1437
18:00	19:00	1421	249	3	4	0	1561	1677
19:00	20:00	881	153	2	3	0	969	1039
20:00	21:00	778	149	1	2	0	859	930
21:00	22:00	615	90	2	2	0	669	709
22:00	23:00	587	111	1	6	0	657	705
23:00	0:00	346	59	2	3	0	387	410

**Movimento Contado****14 > 13      Rotatória conv à dir. Av. Leão XIII****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	45	10	1	0	0	53	155	56	166	290	38	2	3	0	320	333
0:15	0:30	42	8	0	0	0	46		50		269	39	0	1	0	342	
0:30	0:45	28	3	0	0	0	30		31		309	36	6	5	0	361	
0:45	1:00	25	4	0	0	0	27		29		291	39	0	1	0	291	
1:00	1:15	25	5	0	0	0	28		30		309	40	1	0	0	323	341
1:15	1:30	16	4	0	0	0	18		20		367	41	4	2	0	367	
1:30	1:45	17	3	0	0	0	19		20		309	36	1	1	0	309	
1:45	2:00	11	2	1	0	0	15		14		287	36	3	2	0	287	
2:00	2:15	9	3	0	0	0	11	33	12	36	255	39	0	0	0	275	294
2:15	2:30	9	3	0	0	0	11		12		284	37	6	1	0	284	
2:30	2:45	8	1	0	0	0	9		9		291	44	1	1	0	272	
2:45	3:00	3	0	0	0	0	3		3		299	37	4	1	0	288	
3:00	3:15	3	2	0	0	0	4		5		274	38	1	1	0	258	
3:15	3:30	2	0	0	0	0	2		2		268	29	4	1	0	261	
3:30	3:45	4	2	0	0	0	5		6		292	44	2	0	0	273	
3:45	4:00	2	1	0	0	0	3		3		305	43	5	1	0	292	
4:00	4:15	8	1	0	1	0	11		10		296	34	1	1	0	282	314
4:15	4:30	6	0	0	0	0	6		6		307	28	4	1	0	307	
4:30	4:45	4	2	0	2	0	9		8		335	47	0	2	0	314	
4:45	5:00	4	2	1	0	0	8		7		347	51	3	1	0	327	
5:00	5:15	5	3	0	1	0	9	82	9	94	303	43	0	0	0	325	346
5:15	5:30	7	4	1	0	0	12		12		344	27	5	1	0	344	
5:30	5:45	18	9	0	2	0	27		29		367	54	2	1	0	344	
5:45	6:00	23	20	0	1	0	35		44		375	66	3	1	0	348	
6:00	6:15	28	10	0	1	0	35		39		435	68	0	1	0	402	493
6:15	6:30	34	26	0	3	0	53		63		493	65	1	1	0	463	
6:30	6:45	88	21	0	0	0	99		109		393	54	2	1	0	370	
6:45	7:00	202	31	0	4	0	226		237		356	62	0	1	0	326	
7:00	7:15	291	49	0	2	0	320	1326	342	148	277	45	0	0	0	277	299
7:15	7:30	293	46	1	6	0	331		346		309	31	1	2	0	238	
7:30	7:45	293	57	1	4	0	332		355		247	39	1	0	0	247	
7:45	8:00	301	72	1	2	0	344		376		225	38	0	1	0	207	
8:00	8:15	306	63	1	0	0	340	1093	370	1154	859	48	0	1	0	225	244
8:15	8:30	246	31	0	1	0	264		278		239	65	1	1	0	222	
8:30	8:45	225	38	6	1	0	261		270		234	39	1	1	0	217	
8:45	9:00	206	26	3	1	0	229		236		213	19	0	0	0	195	
9:00	9:15	232	36	2	0	0	255	1052	270	1108	669	45	0	0	0	277	299
9:15	9:30	247	41	3	0	0	275		291		1039	31	1	2	0	238	
9:30	9:45	242	34	0	2	0	263		278		265	39	1	0	0	247	
9:45	10:00	240	27	2	0	0	259		269		225	16	0	0	0	207	
10:00	10:15	229	33	0	1	0	248	1046	263	1092	657	45	0	0	0	175	244
10:15	10:30	234	33	4	1	0	263		272		239	29	0	5	0	191	
10:30	10:45	238	31	0	0	0	254		269		171	39	1	0	0	159	
10:45	11:00	249	32	7	0	0	283		288		145	19	0	0	0	133	
11:00	11:15	245	38	2	2	0	273	1143	287	1211	387	21	1	2	0	129	136
11:15	11:30	253	46	2	1	0	283		302		113	15	1	0	0	107	
11:30	11:45	262	41	0	0	0	283		303		91	14	0	0	0	84	
11:45	12:00	274	41	4	0	0	305		319		70	9	0	1	0	67	

## **Movimento Contado**

**21 > 24** Av. Leão XIII conv à dir. Rotatória



### **Fluxo veicular a cada hora**

Período Manhã									
Período		Car	Moto	Truck	Bus	-	PCU	VEC	
de	até								
0:00	1:00	99	14	1	0	0	109	114	
1:00	2:00	47	7	0	1	0	53	55	
2:00	3:00	23	3	1	1	0	29	28	
3:00	4:00	24	4	0	0	0	26	28	
4:00	5:00	24	8	2	1	0	35	35	
5:00	6:00	120	26	2	2	0	142	150	
6:00	7:00	417	76	5	17	0	502	515	
7:00	8:00	1173	171	9	7	0	1295	1360	
8:00	9:00	1058	135	13	6	0	1170	1212	
9:00	10:00	823	109	13	2	0	914	947	
10:00	11:00	722	131	8	3	0	814	864	
11:00	12:00	821	165	10	2	0	933	998	

Período Tarde									
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC	
12:00	13:00	940	135	11	13	0	1061	1099	
13:00	14:00	936	158	12	3	0	1051	1109	
14:00	15:00	845	132	11	2	0	943	990	
15:00	16:00	750	126	12	4	0	851	892	
16:00	17:00	817	113	7	3	0	897	940	
17:00	18:00	1028	132	6	3	0	1115	1169	
18:00	19:00	1196	201	4	3	0	1313	1404	
19:00	20:00	913	143	0	1	0	987	1057	
20:00	21:00	621	125	2	2	0	693	750	
21:00	22:00	484	111	0	0	0	540	595	
22:00	23:00	408	101	0	3	0	465	512	
23:00	0:00	257	53	1	1	0	288	312	

**Movimento Contado****21 > 24 Av. Leão XIII conv à dir. Rotatória****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	27	6	1	0	0	33	34	12:00	12:15	239	31	3	3	0	268	276
0:15	0:30	19	0	0	0	0	19	19	12:15	12:30	241	38	2	3	0	271	284
0:30	0:45	18	4	0	0	0	20	22	12:30	12:45	217	34	4	4	0	252	259
0:45	1:00	35	4	0	0	0	37	39	12:45	13:00	243	32	2	3	0	270	280
1:00	1:15	22	1	0	0	0	23	23	13:00	13:15	238	38	1	2	0	264	279
1:15	1:30	10	2	0	0	0	11	12	13:15	13:30	239	38	7	0	0	276	284
1:30	1:45	7	3	0	0	0	9	10	13:30	13:45	238	42	0	0	0	259	280
1:45	2:00	8	1	0	1	0	11	10	13:45	14:00	221	40	4	1	0	253	266
2:00	2:15	8	0	1	0	0	11	9	14:00	14:15	212	36	1	0	0	233	249
2:15	2:30	4	1	0	0	0	5	5	14:15	14:30	202	33	4	1	0	231	240
2:30	2:45	6	0	0	0	0	6	6	14:30	14:45	215	36	0	0	0	233	251
2:45	3:00	5	2	0	1	0	8	8	14:45	15:00	216	27	6	1	0	247	250
3:00	3:15	5	2	0	0	0	6	7	15:00	15:15	202	28	2	0	0	221	232
3:15	3:30	4	0	0	0	0	4	4	15:15	15:30	159	31	6	1	0	192	197
3:30	3:45	7	1	0	0	0	8	8	15:30	15:45	187	38	0	2	0	210	227
3:45	4:00	8	1	0	0	0	9	9	15:45	16:00	202	29	4	1	0	229	236
4:00	4:15	6	2	1	0	0	10	9	16:00	16:15	185	26	1	0	0	201	212
4:15	4:30	5	1	1	0	0	8	7	16:15	16:30	181	23	3	1	0	202	208
4:30	4:45	8	3	0	0	0	10	11	16:30	16:45	220	35	1	1	0	242	257
4:45	5:00	5	2	0	1	0	8	8	16:45	17:00	231	29	2	1	0	253	263
5:00	5:15	9	3	1	0	0	13	13	17:00	17:15	256	35	1	1	0	278	293
5:15	5:30	15	2	0	0	0	16	17	17:15	17:30	244	33	2	0	0	266	279
5:30	5:45	38	8	1	1	0	47	48	17:30	17:45	253	34	2	1	0	277	290
5:45	6:00	58	13	0	1	0	67	72	17:45	18:00	275	30	1	1	0	295	307
6:00	6:15	28	8	2	3	0	43	41	18:00	18:15	325	56	1	1	0	358	383
6:15	6:30	47	9	2	7	0	71	65	18:15	18:30	268	44	2	1	0	297	315
6:30	6:45	113	27	0	2	0	131	142	18:30	18:45	282	48	1	1	0	311	332
6:45	7:00	229	32	1	5	0	258	267	18:45	19:00	321	53	0	0	0	348	374
7:00	7:15	262	28	1	2	0	283	293	19:00	19:15	308	48	0	0	0	332	356
7:15	7:30	248	38	4	4	0	285	294	19:15	19:30	226	31	0	1	0	244	258
7:30	7:45	340	36	1	1	0	363	378	19:30	19:45	201	34	0	0	0	218	235
7:45	8:00	323	69	3	0	0	365	395	19:45	20:00	178	30	0	0	0	193	208
8:00	8:15	298	45	6	5	0	346	354	20:00	20:15	178	34	1	0	0	198	213
8:15	8:30	236	27	1	0	0	252	264	20:15	20:30	170	33	0	0	0	187	203
8:30	8:45	259	37	5	1	0	292	302	20:30	20:45	144	32	1	2	0	167	179
8:45	9:00	265	26	1	0	0	281	292	20:45	21:00	129	26	0	0	0	142	155
9:00	9:15	231	24	1	1	0	248	257	21:00	21:15	130	29	0	0	0	145	159
9:15	9:30	190	19	5	0	0	212	214	21:15	21:30	128	31	0	0	0	144	159
9:30	9:45	198	25	2	1	0	218	226	21:30	21:45	122	28	0	0	0	136	150
9:45	10:00	204	41	5	0	0	237	250	21:45	22:00	104	23	0	0	0	116	127
10:00	10:15	181	34	0	1	0	200	216	22:00	22:15	108	26	0	0	0	121	134
10:15	10:30	177	29	3	0	0	199	209	22:15	22:30	115	27	0	3	0	135	145
10:30	10:45	179	31	2	0	0	200	212	22:30	22:45	97	29	0	0	0	112	126
10:45	11:00	185	37	3	2	0	215	227	22:45	23:00	88	19	0	0	0	98	107
11:00	11:15	195	36	0	0	0	213	231	23:00	23:15	78	16	0	0	0	86	94
11:15	11:30	177	51	3	1	0	212	232	23:15	23:30	56	13	1	1	0	67	71
11:30	11:45	211	41	1	0	0	234	253	23:30	23:45	61	13	0	0	0	68	74
11:45	12:00	238	37	6	1	0	274	282	23:45	0:00	62	11	0	0	0	68	73

**Movimento Contado****22 > 21      Rotatória conv à dir. Av. Leão XIII****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	151	29	1	2	0	172	183
1:00	2:00	62	15	1	0	0	72	78
2:00	3:00	27	14	2	0	0	39	43
3:00	4:00	13	10	3	0	0	26	26
4:00	5:00	23	12	3	3	0	43	41
5:00	6:00	44	34	4	8	0	87	90
6:00	7:00	389	62	1	10	0	443	462
7:00	8:00	1030	160	3	15	0	1148	1208
8:00	9:00	1018	154	14	6	0	1142	1192
9:00	10:00	800	135	16	5	0	918	956
10:00	11:00	798	111	20	12	0	928	941
11:00	12:00	878	147	16	8	0	1008	1049

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	1014	151	17	11	0	1154	1193
13:00	14:00	1004	147	11	7	0	1119	1169
14:00	15:00	887	127	28	7	0	1035	1049
15:00	16:00	879	141	15	9	0	1005	1044
16:00	17:00	951	131	13	5	0	1059	1100
17:00	18:00	1115	154	14	8	0	1243	1291
18:00	19:00	1367	203	5	14	0	1509	1589
19:00	20:00	943	177	3	6	0	1051	1129
20:00	21:00	836	135	2	3	0	915	976
21:00	22:00	734	101	3	6	0	804	844
22:00	23:00	664	96	2	7	0	731	769
23:00	0:00	366	57	1	5	0	407	429

**Movimento Contado****22 > 21      Rotatória conv à dir. Av. Leão XIII****Fluxo veicular a cada 15 minutos**

Período Manhã								Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	0:15	46	6	0	1	0	51	12:00	12:15	279	40	4	3	0	315	326
0:15	0:30	39	10	0	1	0	46	12:15	12:30	247	52	5	4	0	294	308
0:30	0:45	35	10	1	0	0	43	12:30	12:45	239	27	7	3	0	276	276
0:45	1:00	31	3	0	0	0	33	12:45	13:00	249	32	1	1	0	270	283
1:00	1:15	21	5	0	0	0	24	13:00	13:15	259	37	3	2	0	289	301
1:15	1:30	16	4	0	0	0	18	13:15	13:30	258	33	2	1	0	282	294
1:30	1:45	14	3	1	0	0	18	13:30	13:45	251	38	4	2	0	284	295
1:45	2:00	11	3	0	0	0	13	13:45	14:00	236	39	2	2	0	265	279
2:00	2:15	11	5	0	0	0	14	14:00	14:15	225	35	5	1	0	257	266
2:15	2:30	8	5	1	0	0	13	14:15	14:30	202	25	9	3	0	243	239
2:30	2:45	6	2	1	0	0	10	14:30	14:45	229	32	8	1	0	267	270
2:45	3:00	2	2	0	0	0	3	14:45	15:00	231	35	6	2	0	268	274
3:00	3:15	3	3	1	0	0	7	15:00	15:15	227	33	5	3	0	262	268
3:15	3:30	3	2	0	0	0	4	15:15	15:30	201	32	3	1	0	227	237
3:30	3:45	4	2	1	0	0	8	15:30	15:45	221	40	5	2	0	258	268
3:45	4:00	3	3	1	0	0	7	15:45	16:00	230	36	2	3	0	259	271
4:00	4:15	6	2	1	2	0	14	16:00	16:15	222	31	3	1	0	247	257
4:15	4:30	5	4	0	0	0	7	16:15	16:30	239	32	2	2	0	264	275
4:30	4:45	5	2	1	1	0	11	16:30	16:45	238	33	5	0	0	267	276
4:45	5:00	7	4	1	0	0	12	16:45	17:00	252	35	3	2	0	281	292
5:00	5:15	6	3	1	2	0	14	17:00	17:15	264	37	5	2	0	299	308
5:15	5:30	4	3	1	2	0	12	17:15	17:30	283	28	5	3	0	316	319
5:30	5:45	14	11	1	1	0	24	17:30	17:45	275	41	3	0	0	303	319
5:45	6:00	20	17	1	3	0	37	17:45	18:00	293	48	1	3	0	326	345
6:00	6:15	43	10	1	2	0	55	18:00	18:15	359	49	0	4	0	392	412
6:15	6:30	54	12	0	2	0	64	18:15	18:30	391	60	1	1	0	426	453
6:30	6:45	88	20	0	2	0	102	18:30	18:45	315	47	3	6	0	358	371
6:45	7:00	204	20	0	4	0	222	18:45	19:00	302	47	1	3	0	334	353
7:00	7:15	268	35	0	7	0	300	19:00	19:15	282	51	2	2	0	317	337
7:15	7:30	255	26	1	3	0	277	19:15	19:30	235	45	0	1	0	260	281
7:30	7:45	292	39	0	0	0	312	19:30	19:45	222	44	1	2	0	251	269
7:45	8:00	215	60	2	5	0	260	19:45	20:00	204	37	0	1	0	225	242
8:00	8:15	318	47	4	1	0	354	20:00	20:15	221	40	1	1	0	246	263
8:15	8:30	286	42	0	3	0	313	20:15	20:30	224	35	0	1	0	244	260
8:30	8:45	189	25	6	1	0	219	20:30	20:45	208	32	1	1	0	229	242
8:45	9:00	225	40	4	1	0	257	20:45	21:00	183	28	0	0	0	197	211
9:00	9:15	215	38	4	1	0	246	21:00	21:15	192	28	1	2	0	213	223
9:15	9:30	193	32	7	2	0	231	21:15	21:30	197	21	1	1	0	212	220
9:30	9:45	192	33	3	1	0	218	21:30	21:45	184	25	1	2	0	203	212
9:45	10:00	200	32	2	1	0	223	21:45	22:00	161	27	0	1	0	177	189
10:00	10:15	194	26	4	3	0	223	22:00	22:15	168	22	0	1	0	181	191
10:15	10:30	200	23	7	3	0	235	22:15	22:30	180	21	0	4	0	199	205
10:30	10:45	196	31	5	3	0	230	22:30	22:45	169	26	2	0	0	187	197
10:45	11:00	208	31	4	3	0	240	22:45	23:00	147	27	0	2	0	165	176
11:00	11:15	212	34	5	2	0	246	23:00	23:15	132	20	0	1	0	144	153
11:15	11:30	217	37	5	2	0	252	23:15	23:30	107	16	0	2	0	119	125
11:30	11:45	214	41	4	1	0	247	23:30	23:45	69	13	1	0	0	78	83
11:45	12:00	235	35	2	3	0	264	23:45	0:00	58	8	0	2	0	66	68

**Movimento Contado****22 > 24      Rotatória em frente****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	26	7	0	0	0	30	33
1:00	2:00	7	6	0	0	0	10	13
2:00	3:00	9	6	1	0	0	15	16
3:00	4:00	16	7	1	0	0	22	24
4:00	5:00	19	8	2	2	0	32	31
5:00	6:00	29	22	2	3	0	51	56
6:00	7:00	312	60	3	14	0	378	389
7:00	8:00	768	149	6	11	0	880	934
8:00	9:00	644	130	15	3	0	753	792
9:00	10:00	659	97	2	5	0	723	763
10:00	11:00	604	97	5	4	0	673	710
11:00	12:00	685	122	5	3	0	765	815

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	732	122	5	8	0	822	867
13:00	14:00	689	115	10	5	0	782	819
14:00	15:00	646	109	3	5	0	718	763
15:00	16:00	728	119	3	5	0	805	855
16:00	17:00	710	110	4	6	0	787	830
17:00	18:00	777	147	6	4	0	874	934
18:00	19:00	747	138	4	22	0	870	911
19:00	20:00	617	105	1	8	0	688	731
20:00	21:00	467	90	0	4	0	520	561
21:00	22:00	434	107	1	4	0	498	546
22:00	23:00	327	105	1	2	0	386	435
23:00	0:00	126	37	1	2	0	151	166

**Movimento Contado****22 > 24****Rotatória 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	4	1	0	0	0	5	5	12:00	12:15	208	35	2	1	0	233	246
0:15	0:30	6	1	0	0	0	7	7	12:15	12:30	185	29	1	1	0	204	216
0:30	0:45	5	3	0	0	0	7	8	12:30	12:45	180	29	2	3	0	206	214
0:45	1:00	11	2	0	0	0	12	13	12:45	13:00	159	29	0	3	0	180	191
1:00	1:15	3	2	0	0	0	4	5	13:00	13:15	170	28	1	2	0	191	201
1:15	1:30	1	1	0	0	0	2	2	13:15	13:30	177	30	1	1	0	197	209
1:30	1:45	2	1	0	0	0	3	3	13:30	13:45	175	29	2	1	0	197	207
1:45	2:00	1	2	0	0	0	2	3	13:45	14:00	167	28	6	1	0	198	202
2:00	2:15	3	1	0	0	0	4	4	14:00	14:15	165	29	1	1	0	184	196
2:15	2:30	2	3	0	0	0	4	5	14:15	14:30	163	30	1	1	0	183	195
2:30	2:45	3	1	0	0	0	4	4	14:30	14:45	162	27	0	2	0	180	191
2:45	3:00	1	1	1	0	0	4	3	14:45	15:00	156	23	1	1	0	172	181
3:00	3:15	4	1	0	0	0	5	5	15:00	15:15	184	26	1	2	0	204	213
3:15	3:30	3	3	0	0	0	5	6	15:15	15:30	193	29	0	2	0	212	224
3:30	3:45	4	1	0	0	0	5	5	15:30	15:45	181	30	0	1	0	198	212
3:45	4:00	5	2	1	0	0	9	8	15:45	16:00	170	34	2	0	0	192	206
4:00	4:15	4	1	0	1	0	7	6	16:00	16:15	182	25	0	2	0	199	209
4:15	4:30	7	3	0	0	0	9	10	16:15	16:30	190	22	0	2	0	205	214
4:30	4:45	4	2	1	1	0	10	8	16:30	16:45	172	28	1	1	0	191	202
4:45	5:00	4	2	1	0	0	8	7	16:45	17:00	166	35	3	1	0	193	205
5:00	5:15	3	4	1	1	0	10	9	17:00	17:15	195	30	0	1	0	212	226
5:15	5:30	4	3	0	0	0	6	7	17:15	17:30	209	26	5	1	0	237	241
5:30	5:45	10	6	0	1	0	15	17	17:30	17:45	179	37	0	0	0	198	216
5:45	6:00	12	9	1	1	0	21	23	17:45	18:00	194	54	1	2	0	228	251
6:00	6:15	22	7	0	1	0	28	30	18:00	18:15	209	43	1	1	0	235	254
6:15	6:30	43	16	2	3	0	62	64	18:15	18:30	199	34	0	3	0	222	236
6:30	6:45	100	17	1	1	0	113	119	18:30	18:45	170	23	1	7	0	198	201
6:45	7:00	147	20	0	9	0	175	176	18:45	19:00	169	38	2	11	0	215	220
7:00	7:15	183	24	1	3	0	204	211	19:00	19:15	168	32	0	3	0	190	203
7:15	7:30	181	25	0	4	0	202	210	19:15	19:30	166	22	1	2	0	184	191
7:30	7:45	191	49	3	1	0	225	244	19:30	19:45	150	28	0	2	0	168	180
7:45	8:00	213	51	2	3	0	250	269	19:45	20:00	133	23	0	1	0	147	157
8:00	8:15	166	39	6	0	0	201	211	20:00	20:15	136	27	0	1	0	152	164
8:15	8:30	173	27	2	1	0	194	203	20:15	20:30	123	23	0	1	0	137	147
8:30	8:45	136	29	4	1	0	163	170	20:30	20:45	111	22	0	1	0	124	134
8:45	9:00	169	35	3	1	0	196	208	20:45	21:00	97	18	0	1	0	108	116
9:00	9:15	168	35	1	1	0	190	205	21:00	21:15	127	30	0	1	0	144	158
9:15	9:30	160	21	0	2	0	175	183	21:15	21:30	107	23	0	1	0	121	131
9:30	9:45	168	20	1	1	0	183	190	21:30	21:45	102	30	1	1	0	122	134
9:45	10:00	163	21	0	1	0	176	185	21:45	22:00	98	24	0	1	0	112	123
10:00	10:15	149	23	2	0	0	166	174	22:00	22:15	102	33	0	0	0	119	135
10:15	10:30	138	28	2	2	0	161	170	22:15	22:30	104	34	0	1	0	123	139
10:30	10:45	158	26	0	1	0	173	185	22:30	22:45	75	25	1	1	0	92	102
10:45	11:00	159	20	1	1	0	174	181	22:45	23:00	46	13	0	0	0	53	59
11:00	11:15	169	28	0	0	0	183	197	23:00	23:15	41	10	1	0	0	49	52
11:15	11:30	178	25	2	1	0	198	206	23:15	23:30	34	9	0	1	0	41	44
11:30	11:45	167	32	0	1	0	185	200	23:30	23:45	28	9	0	0	0	33	37
11:45	12:00	171	37	3	1	0	199	212	23:45	0:00	23	9	0	1	0	30	33

**Movimento Contado****32 > 31 Av. Costáabile conv à dir. Rotatória****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	73	14	0	1	0	82	88
1:00	2:00	33	6	0	0	0	36	39
2:00	3:00	13	7	2	0	0	22	22
3:00	4:00	14	5	1	0	0	19	20
4:00	5:00	18	12	2	4	0	37	36
5:00	6:00	38	18	3	8	0	71	67
6:00	7:00	376	77	4	16	0	457	473
7:00	8:00	987	174	8	17	0	1128	1186
8:00	9:00	875	167	20	9	0	1027	1071
9:00	10:00	755	113	7	7	0	843	882
10:00	11:00	754	124	9	13	0	865	900
11:00	12:00	880	139	5	10	0	982	1034

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	964	157	6	13	0	1084	1140
13:00	14:00	823	158	8	8	0	938	997
14:00	15:00	798	118	3	10	0	885	929
15:00	16:00	827	134	6	10	0	929	977
16:00	17:00	843	147	5	7	0	943	1002
17:00	18:00	923	181	10	9	0	1057	1123
18:00	19:00	954	170	4	29	0	1107	1157
19:00	20:00	783	122	3	10	0	872	918
20:00	21:00	601	83	3	4	0	658	691
21:00	22:00	516	77	3	6	0	574	602
22:00	23:00	428	105	2	8	0	502	543
23:00	0:00	185	37	1	6	0	218	229

## Movimento Contado

32 &gt; 31 Av. Costáabile conv à dir. Rotatória

## 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	6	0	1	0	27		12:00	12:15	276	49	3	4	0	316		332	
0:15	0:30	19	4	0	0	0	21		12:15	12:30	246	40	1	4	0	277		291	
0:30	0:45	15	4	0	0	0	17		12:30	12:45	218	30	2	2	0	242		252	
0:45	1:00	17	0	0	0	0	17		12:45	13:00	224	38	0	3	0	249		265	
1:00	1:15	13	2	0	0	0	14		13:00	13:15	213	37	2	2	0	241		254	
1:15	1:30	10	1	0	0	0	11		13:15	13:30	214	36	0	2	0	236		252	
1:30	1:45	5	1	0	0	0	6		13:30	13:45	202	41	1	2	0	229		246	
1:45	2:00	5	2	0	0	0	6		13:45	14:00	194	44	5	2	0	233		245	
2:00	2:15	4	2	1	0	0	8		14:00	14:15	194	30	0	2	0	213		226	
2:15	2:30	4	3	0	0	0	6		14:15	14:30	204	33	2	3	0	232		242	
2:30	2:45	3	1	1	0	0	6		14:30	14:45	201	28	1	2	0	222		232	
2:45	3:00	2	1	0	0	0	3		14:45	15:00	199	27	0	3	0	219		229	
3:00	3:15	2	2	0	0	0	3		15:00	15:15	215	27	2	3	0	240		247	
3:15	3:30	2	1	0	0	0	3		15:15	15:30	214	27	0	2	0	232		243	
3:30	3:45	5	1	0	0	0	6		15:30	15:45	203	37	2	2	0	231		244	
3:45	4:00	5	1	1	0	0	8		15:45	16:00	195	43	2	3	0	228		243	
4:00	4:15	5	2	0	2	0	10		16:00	16:15	204	39	1	1	0	228		245	
4:15	4:30	5	4	1	0	0	10		16:15	16:30	233	36	0	3	0	257		272	
4:30	4:45	4	2	0	2	0	9		16:30	16:45	203	36	2	1	0	228		242	
4:45	5:00	4	4	1	0	0	9		16:45	17:00	203	36	2	2	0	230		243	
5:00	5:15	3	3	1	2	0	11		17:00	17:15	239	35	1	2	0	263		277	
5:15	5:30	6	2	0	1	0	9		17:15	17:30	245	35	6	3	0	284		289	
5:30	5:45	12	6	1	2	0	22		17:30	17:45	229	53	2	0	0	261		284	
5:45	6:00	17	7	1	3	0	29		17:45	18:00	210	58	1	4	0	250		273	
6:00	6:15	32	8	1	3	0	45		18:00	18:15	249	47	1	3	0	281		300	
6:15	6:30	55	19	2	4	0	78		18:15	18:30	236	44	0	3	0	264		283	
6:30	6:45	109	22	1	3	0	129		18:30	18:45	222	36	2	11	0	267		271	
6:45	7:00	180	28	0	6	0	206		18:45	19:00	247	43	1	12	0	295		303	
7:00	7:15	193	26	1	7	0	223		19:00	19:15	237	37	1	4	0	266		279	
7:15	7:30	239	31	0	3	0	261		19:15	19:30	196	29	2	2	0	220		229	
7:30	7:45	263	58	3	1	0	302		19:30	19:45	183	28	0	2	0	201		213	
7:45	8:00	292	59	4	6	0	344		19:45	20:00	167	28	0	2	0	185		197	
8:00	8:15	243	47	8	1	0	289		20:00	20:15	167	26	2	0	0	185		195	
8:15	8:30	235	40	1	4	0	266		20:15	20:30	151	20	0	2	0	165		173	
8:30	8:45	185	37	8	2	0	228		20:30	20:45	147	20	1	1	0	162		169	
8:45	9:00	212	43	3	2	0	245		20:45	21:00	136	17	0	1	0	147		154	
9:00	9:15	201	34	1	1	0	223		21:00	21:15	137	18	2	1	0	153		158	
9:15	9:30	175	24	3	2	0	199		21:15	21:30	130	19	0	2	0	144		151	
9:30	9:45	185	25	1	2	0	204		21:30	21:45	127	19	1	1	0	141		148	
9:45	10:00	194	30	2	2	0	218		21:45	22:00	122	21	0	2	0	137		145	
10:00	10:15	184	28	1	3	0	207		22:00	22:15	120	32	1	1	0	141		154	
10:15	10:30	164	32	3	3	0	194		22:15	22:30	133	33	0	5	0	160		171	
10:30	10:45	192	32	3	3	0	222		22:30	22:45	108	22	1	1	0	124		132	
10:45	11:00	214	32	2	4	0	243		22:45	23:00	67	18	0	1	0	78		86	
11:00	11:15	207	24	1	2	0	226		23:00	23:15	70	14	1	1	0	82		86	
11:15	11:30	225	25	2	2	0	247		23:15	23:30	44	7	0	3	0	54		54	
11:30	11:45	221	42	1	2	0	249		23:30	23:45	41	10	0	0	0	46		51	
11:45	12:00	227	48	1	4	0	262		23:45	0:00	30	6	0	2	0	37		38	

**Movimento Contado****33 > 31      Rotatória em frente****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	131	26	0	0	0	144	157
1:00	2:00	58	11	3	0	0	71	72
2:00	3:00	27	13	0	0	0	34	40
3:00	4:00	7	7	1	0	0	13	15
4:00	5:00	31	10	2	2	0	45	45
5:00	6:00	62	25	2	0	0	80	89
6:00	7:00	333	44	0	4	0	363	381
7:00	8:00	1053	126	6	9	0	1149	1194
8:00	9:00	782	99	49	0	0	954	930
9:00	10:00	718	91	9	3	0	792	821
10:00	11:00	647	106	15	3	0	744	771
11:00	12:00	656	105	8	3	0	735	772

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	771	123	11	5	0	870	910
13:00	14:00	662	125	9	3	0	753	799
14:00	15:00	743	112	17	3	0	848	875
15:00	16:00	707	124	5	2	0	786	838
16:00	17:00	735	123	9	2	0	823	869
17:00	18:00	920	119	7	3	0	1003	1049
18:00	19:00	925	131	6	8	0	1022	1070
19:00	20:00	635	130	2	3	0	711	770
20:00	21:00	559	119	3	2	0	630	683
21:00	22:00	483	103	1	1	0	539	588
22:00	23:00	441	93	2	4	0	501	540
23:00	0:00	316	63	1	1	0	352	381

**Movimento Contado****33 > 31      Rotatória 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	5	0	0	0	45		12:00	12:15	185	23	2	1	0	204		211	
0:15	0:30	32	6	0	0	0	35		12:15	12:30	191	46	5	3	0	233		245	
0:30	0:45	31	10	0	0	0	36		12:30	12:45	202	27	3	0	0	223		232	
0:45	1:00	26	5	0	0	0	29		12:45	13:00	193	27	1	1	0	211		222	
1:00	1:15	20	1	0	0	0	21		13:00	13:15	113	31	1	1	0	133		146	
1:15	1:30	15	5	1	0	0	20		13:15	13:30	155	30	5	0	0	183		190	
1:30	1:45	11	2	0	0	0	12		13:30	13:45	195	31	0	2	0	215		228	
1:45	2:00	12	3	2	0	0	19		13:45	14:00	199	33	3	0	0	223		235	
2:00	2:15	10	4	0	0	0	12		14:00	14:15	188	32	1	0	0	207		221	
2:15	2:30	7	4	0	0	0	9		14:15	14:30	179	26	6	1	0	209		212	
2:30	2:45	5	3	0	0	0	7		14:30	14:45	185	29	3	1	0	209		218	
2:45	3:00	5	2	0	0	0	6		14:45	15:00	191	25	7	1	0	223		224	
3:00	3:15	0	3	1	0	0	4		15:00	15:15	184	26	2	1	0	204		213	
3:15	3:30	2	0	0	0	0	2		15:15	15:30	170	22	0	0	0	181		192	
3:30	3:45	3	2	0	0	0	4		15:30	15:45	166	39	2	1	0	193		208	
3:45	4:00	2	2	0	0	0	3		15:45	16:00	187	37	1	0	0	208		225	
4:00	4:15	6	2	1	0	0	10		16:00	16:15	186	28	1	1	0	205		216	
4:15	4:30	8	3	0	0	0	10		16:15	16:30	180	29	3	0	0	202		212	
4:30	4:45	8	2	1	0	0	12		16:30	16:45	187	31	1	1	0	207		220	
4:45	5:00	9	3	0	2	0	15		16:45	17:00	182	35	4	0	0	210		221	
5:00	5:15	11	3	1	0	0	15		17:00	17:15	215	28	0	0	0	229		243	
5:15	5:30	11	3	0	0	0	13		17:15	17:30	254	23	4	1	0	278		282	
5:30	5:45	18	7	1	0	0	24		17:30	17:45	221	34	2	1	0	245		258	
5:45	6:00	22	12	0	0	0	28		17:45	18:00	230	34	1	1	0	252		266	
6:00	6:15	34	7	0	1	0	40		18:00	18:15	255	33	1	2	0	278		291	
6:15	6:30	41	11	0	0	0	47		18:15	18:30	253	39	3	1	0	282		296	
6:30	6:45	74	13	0	1	0	83		18:30	18:45	221	29	1	2	0	242		253	
6:45	7:00	184	13	0	2	0	195		18:45	19:00	196	30	1	3	0	220		230	
7:00	7:15	268	15	1	1	0	280		19:00	19:15	187	35	1	2	0	211		225	
7:15	7:30	266	21	5	6	0	301		19:15	19:30	159	34	0	0	0	176		193	
7:30	7:45	243	38	0	0	0	262		19:30	19:45	149	32	1	1	0	170		183	
7:45	8:00	276	52	0	2	0	306		19:45	20:00	140	29	0	0	0	155		169	
8:00	8:15	183	25	41	0	0	298		20:00	20:15	146	32	1	0	0	165		179	
8:15	8:30	226	20	2	0	0	241		20:15	20:30	153	27	1	1	0	171		182	
8:30	8:45	181	23	2	0	0	198		20:30	20:45	142	30	0	1	0	159		173	
8:45	9:00	192	31	4	0	0	218		20:45	21:00	118	30	1	0	0	136		149	
9:00	9:15	186	20	2	2	0	205		21:00	21:15	135	28	0	0	0	149		163	
9:15	9:30	181	20	4	0	0	201		21:15	21:30	130	24	1	1	0	147		156	
9:30	9:45	188	24	1	1	0	205		21:30	21:45	114	29	0	0	0	129		143	
9:45	10:00	163	27	2	0	0	182		21:45	22:00	104	22	0	0	0	115		126	
10:00	10:15	164	25	0	1	0	179		22:00	22:15	112	24	1	1	0	129		138	
10:15	10:30	155	24	7	0	0	185		22:15	22:30	107	18	0	0	0	116		125	
10:30	10:45	154	28	2	2	0	177		22:30	22:45	111	25	1	1	0	128		138	
10:45	11:00	174	29	6	0	0	204		22:45	23:00	111	26	0	2	0	128		139	
11:00	11:15	164	31	0	0	0	180		23:00	23:15	99	22	1	0	0	113		122	
11:15	11:30	154	31	2	1	0	177		23:15	23:30	93	18	0	0	0	102		111	
11:30	11:45	166	22	1	0	0	180		23:30	23:45	76	15	0	1	0	86		92	
11:45	12:00	172	21	5	2	0	199		23:45	0:00	48	8	0	0	0	52		56	

**Movimento Contado****33 > 32      Rotatória conv à dir. Av. Costábile Romano****Fluxo veicular a cada hora**

Período Manhã								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
0:00	1:00	65	16	0	3	0	79	84
1:00	2:00	33	5	0	0	0	36	38
2:00	3:00	17	6	0	1	0	22	24
3:00	4:00	14	4	2	0	0	21	20
4:00	5:00	23	8	2	2	0	36	35
5:00	6:00	34	29	2	6	0	66	71
6:00	7:00	208	35	1	12	0	252	256
7:00	8:00	795	62	4	14	0	864	875
8:00	9:00	880	114	13	8	0	986	1015
9:00	10:00	663	103	8	6	0	747	780
10:00	11:00	635	88	9	5	0	712	737
11:00	12:00	614	96	8	7	0	696	725

Período Tarde								
Período de	até	Car	Moto	Truck	Bus	-	PCU	VEC
12:00	13:00	665	88	6	17	0	758	776
13:00	14:00	695	82	6	5	0	761	788
14:00	15:00	642	87	2	5	0	701	736
15:00	16:00	651	70	7	6	0	716	734
16:00	17:00	634	102	3	6	0	705	745
17:00	18:00	654	124	4	4	0	734	786
18:00	19:00	731	114	2	13	0	819	860
19:00	20:00	589	92	0	8	0	651	689
20:00	21:00	447	88	1	7	0	508	543
21:00	22:00	326	67	1	3	0	368	397
22:00	23:00	308	66	1	11	0	366	386
23:00	0:00	135	25	1	4	0	158	165

**Movimento Contado****33 > 32      Rotatória conv à dir. Av. Costábile Romano****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	7	0	3	0	32		12:00	12:15	141	29	1	4	0	166		175	
0:15	0:30	21	5	0	0	0	24		12:15	12:30	182	23	2	5	0	209		212	
0:30	0:45	12	2	0	0	0	13		12:30	12:45	172	19	2	6	0	199		199	
0:45	1:00	10	2	0	0	0	11		12:45	13:00	170	17	1	2	0	185		190	
1:00	1:15	13	0	0	0	0	13		13:00	13:15	166	20	1	1	0	181		188	
1:15	1:30	9	2	0	0	0	10		13:15	13:30	159	17	2	1	0	175		179	
1:30	1:45	7	1	0	0	0	8		13:30	13:45	176	25	0	1	0	191		202	
1:45	2:00	4	2	0	0	0	5		13:45	14:00	194	20	3	2	0	216		219	
2:00	2:15	6	2	0	1	0	9		14:00	14:15	189	25	1	1	0	206		216	
2:15	2:30	4	2	0	0	0	5		14:15	14:30	181	23	1	3	0	201		208	
2:30	2:45	5	0	0	0	0	5		14:30	14:45	143	21	0	0	0	154		164	
2:45	3:00	2	2	0	0	0	3		14:45	15:00	129	18	0	1	0	140		148	
3:00	3:15	4	2	0	0	0	5		15:00	15:15	164	20	2	1	0	181		187	
3:15	3:30	4	0	1	0	0	7		15:15	15:30	171	15	1	2	0	185		189	
3:30	3:45	3	1	1	0	0	6		15:30	15:45	158	18	0	1	0	169		177	
3:45	4:00	3	1	0	0	0	4		15:45	16:00	158	17	4	2	0	181		181	
4:00	4:15	4	3	1	0	0	8		16:00	16:15	150	32	0	1	0	168		183	
4:15	4:30	4	1	0	1	0	7		16:15	16:30	152	27	3	3	0	179		185	
4:30	4:45	8	1	1	0	0	11		16:30	16:45	160	23	0	0	0	172		183	
4:45	5:00	7	3	0	1	0	11		16:45	17:00	172	20	0	2	0	186		194	
5:00	5:15	5	4	1	1	0	12		17:00	17:15	160	30	1	1	0	180		192	
5:15	5:30	5	4	0	1	0	9		17:15	17:30	161	22	1	0	0	175		184	
5:30	5:45	11	10	1	2	0	23		17:30	17:45	164	34	0	1	0	183		199	
5:45	6:00	13	11	0	2	0	23		17:45	18:00	169	38	2	2	0	197		211	
6:00	6:15	15	5	0	2	0	22		18:00	18:15	155	25	0	2	0	172		182	
6:15	6:30	24	11	0	3	0	36		18:15	18:30	186	21	1	2	0	203		210	
6:30	6:45	41	8	0	1	0	47		18:30	18:45	191	27	1	4	0	215		223	
6:45	7:00	128	11	1	6	0	148		18:45	19:00	199	41	0	5	0	230		245	
7:00	7:15	207	7	0	5	0	221		19:00	19:15	183	32	0	2	0	203		217	
7:15	7:30	201	9	3	4	0	221		19:15	19:30	141	13	0	4	0	156		158	
7:30	7:45	191	17	1	4	0	210		19:30	19:45	138	22	0	1	0	151		161	
7:45	8:00	196	29	0	1	0	213		19:45	20:00	127	25	0	1	0	142		153	
8:00	8:15	314	47	3	3	0	351		20:00	20:15	126	22	1	2	0	144		151	
8:15	8:30	214	21	2	2	0	234		20:15	20:30	109	24	0	1	0	123		134	
8:30	8:45	165	17	5	2	0	190		20:30	20:45	109	19	0	2	0	123		130	
8:45	9:00	187	29	3	1	0	211		20:45	21:00	103	23	0	2	0	119		128	
9:00	9:15	178	28	1	2	0	199		21:00	21:15	98	20	0	1	0	110		119	
9:15	9:30	153	28	3	2	0	179		21:15	21:30	80	17	1	0	0	91		98	
9:30	9:45	164	27	0	1	0	180		21:30	21:45	76	17	0	2	0	89		95	
9:45	10:00	168	20	4	1	0	190		21:45	22:00	72	13	0	0	0	79		85	
10:00	10:15	179	28	2	1	0	200		22:00	22:15	91	20	0	2	0	105		113	
10:15	10:30	161	22	3	1	0	182		22:15	22:30	93	19	0	7	0	117		119	
10:30	10:45	148	21	1	1	0	163		22:30	22:45	69	15	1	1	0	81		86	
10:45	11:00	147	17	3	2	0	167		22:45	23:00	55	12	0	1	0	63		68	
11:00	11:15	148	24	0	1	0	162		23:00	23:15	43	9	0	2	0	52		54	
11:15	11:30	146	27	3	2	0	171		23:15	23:30	32	6	0	0	0	35		38	
11:30	11:45	157	25	1	3	0	178		23:30	23:45	31	7	1	1	0	39		40	
11:45	12:00	163	20	4	1	0	185		23:45	0:00	29	3	0	1	0	33		33	