

RELATÓRIO DE PESQUISAS

CONTAGEM VEICULAR CLASSIFICADA

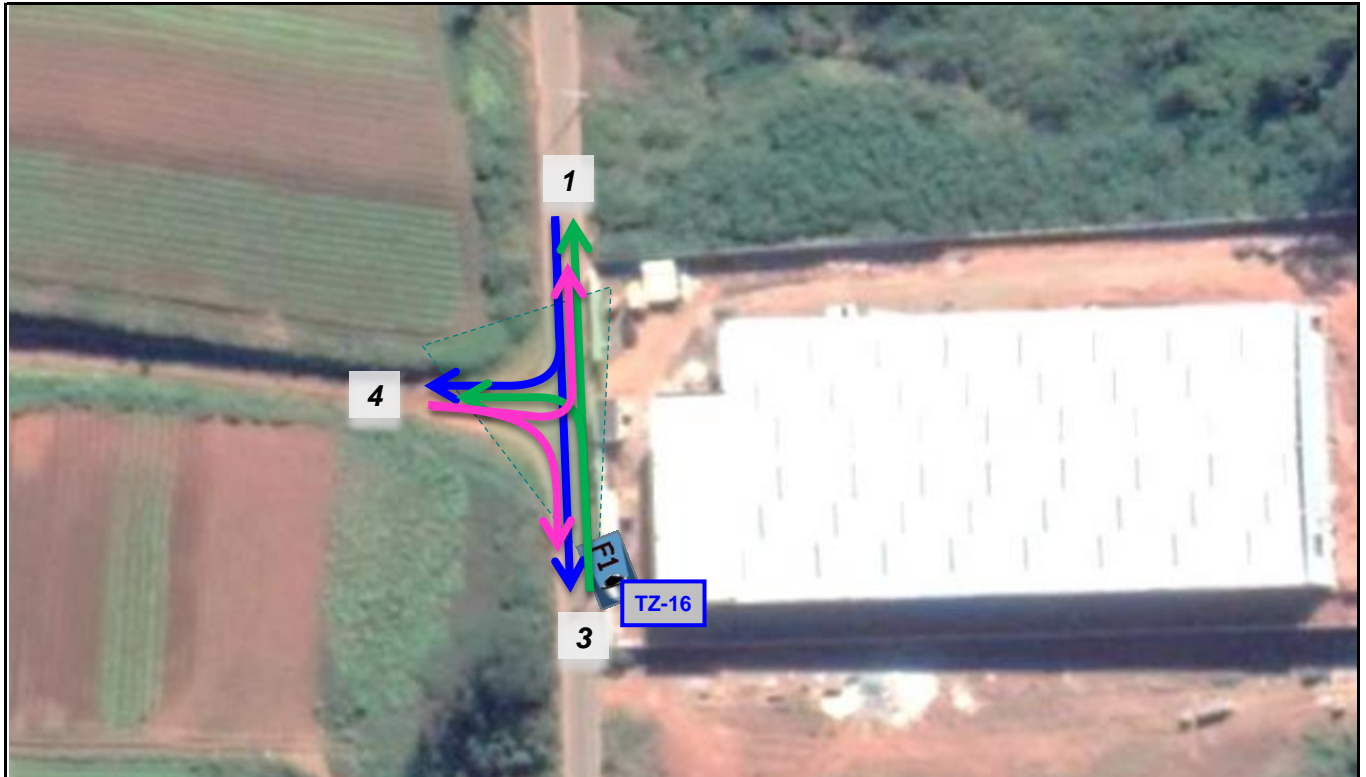
002 - R. Mitsuharu X Rua de Terra

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

Suzano - SP

Dezembro de 2019

Croquis 002 - R. Mitsuharu X Rua de Terra



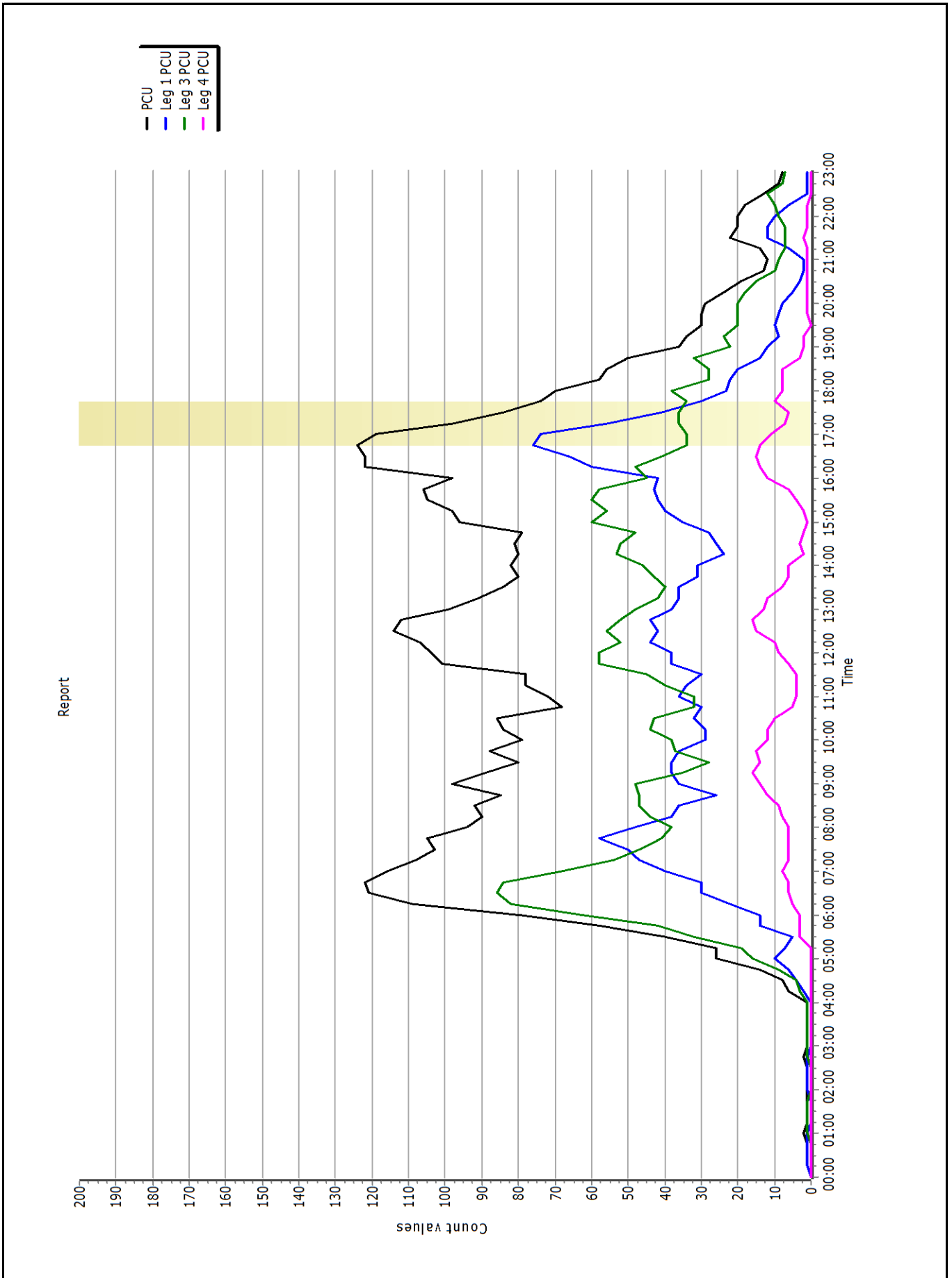
Vídeos



Movimentos Contados

- 1 > 3 R. Mitsuharu Matsushita em frente
- 1 > 4 R. Mitsuharu Matsushita conv à direita
- 3 > 1 R. Mitsuharu Matsushita em frente
- 3 > 4 R. Mitsuharu Matsushita conv à esquerda
- 4 > 1 Rua de Terra conv à esq. R. Mitsuharu Matsushita
- 4 > 3 Rua de Terra conv à dir. R. Mitsuharu Matsushita

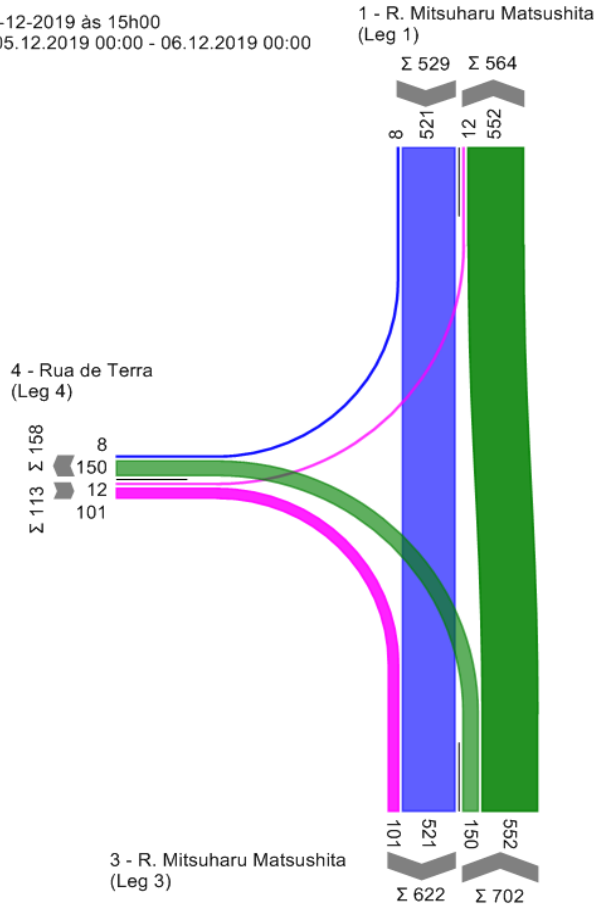
Perfil Horário 002 - R. Mitsuharu X Rua de Terra



Volume Total Diário

Count De 04-12-2019 às 15h00 até 05-12-2019 às 15h00
 Amount On the basis of a time period 05.12.2019 00:00 - 06.12.2019 00:00
 1344 PCU

From\To	1	3	4
1		521	8
3	552		150
4	12	101	



Volume Hora Pico

Count De 04-12-2019 às 15h00 até 05-12-2019 às 15h00
 Peak hour 16:45 - 17:45
 On the basis of a time period 05.12.2019 00:00 - 06.12.2019 00:00
 124 PCU

From\To	1	3	4
1		76	
3	27		6
4	3	12	

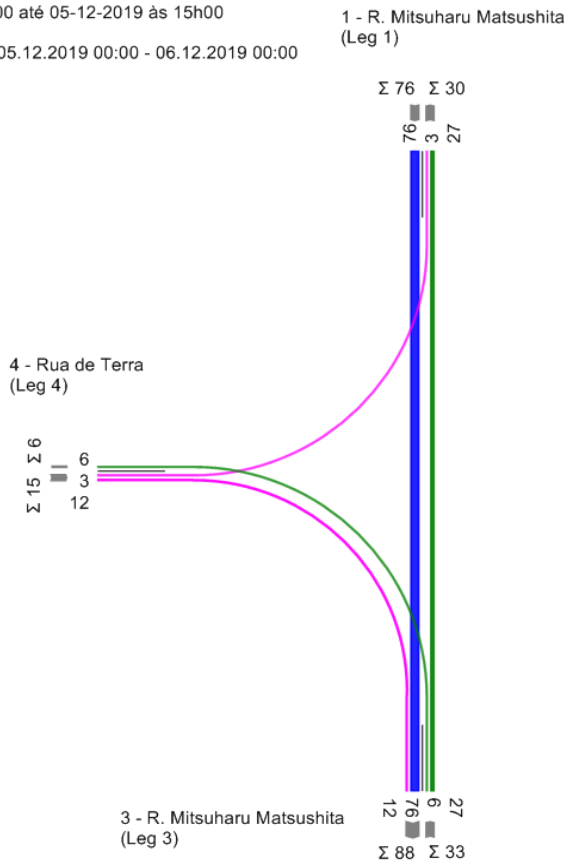


Diagrama de Fluxos

002 - R. Mitsuharu X Rua de Terra

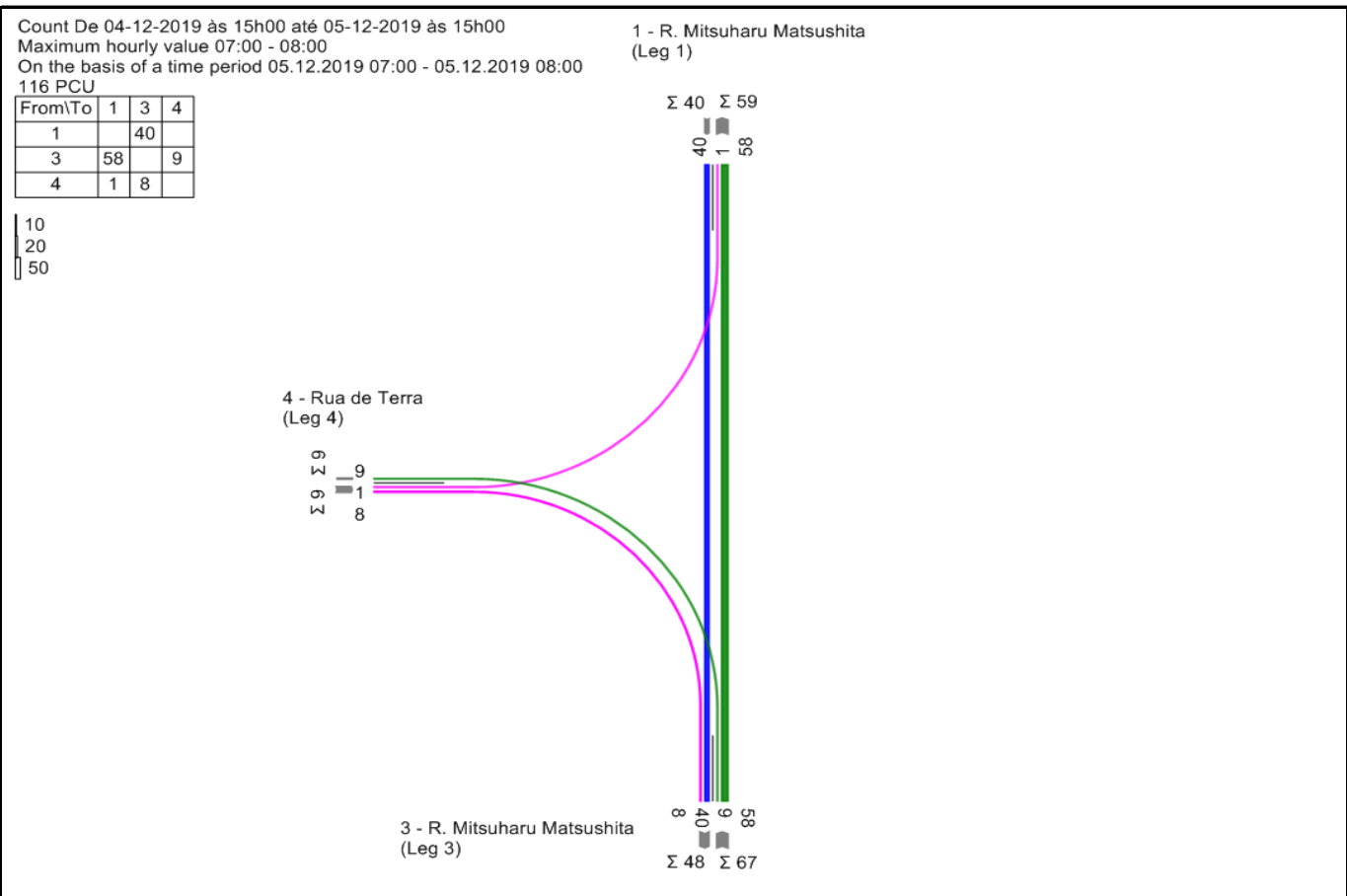
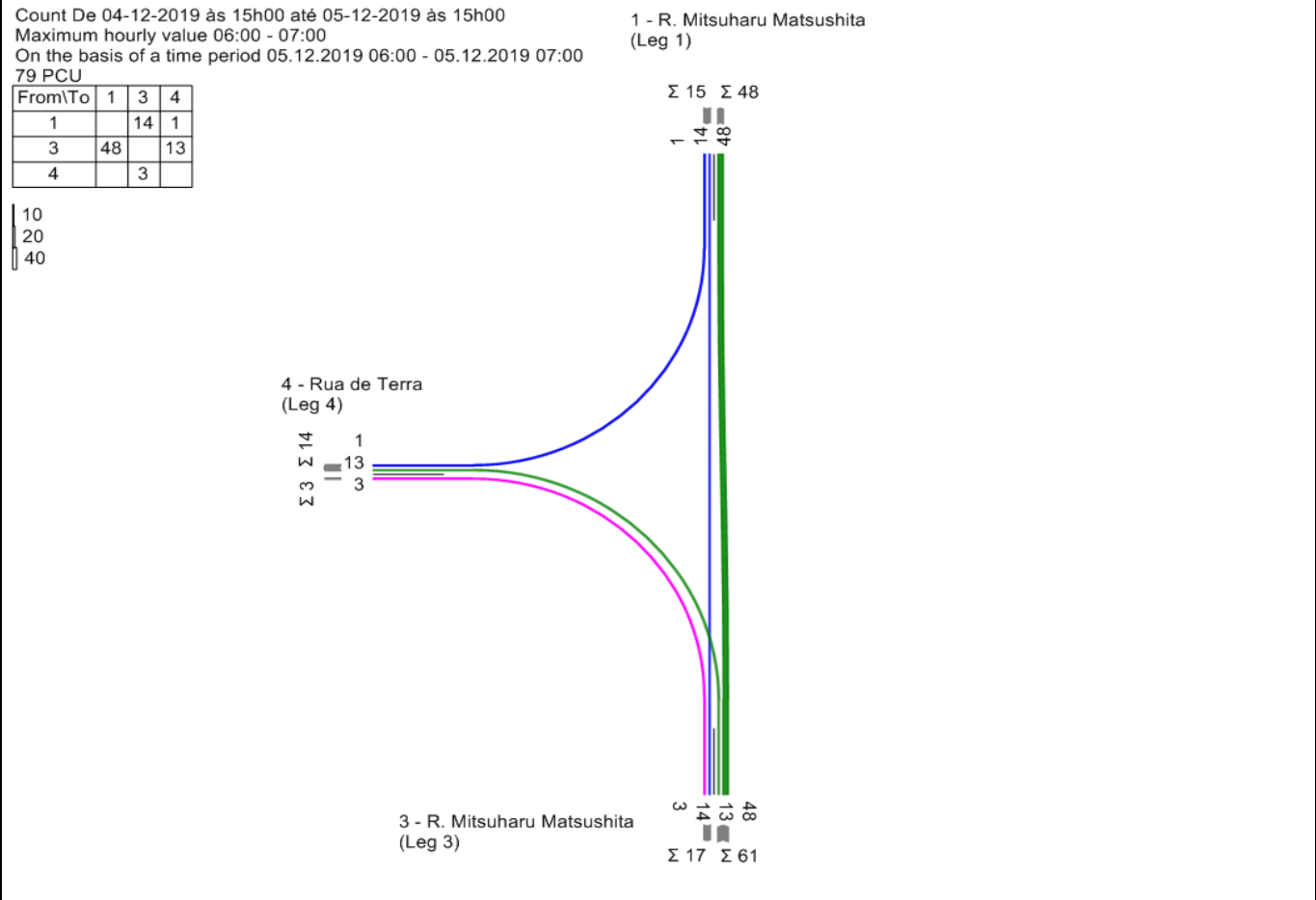


Diagrama de Fluxos 002 - R. Mitsuharu X Rua de Terra

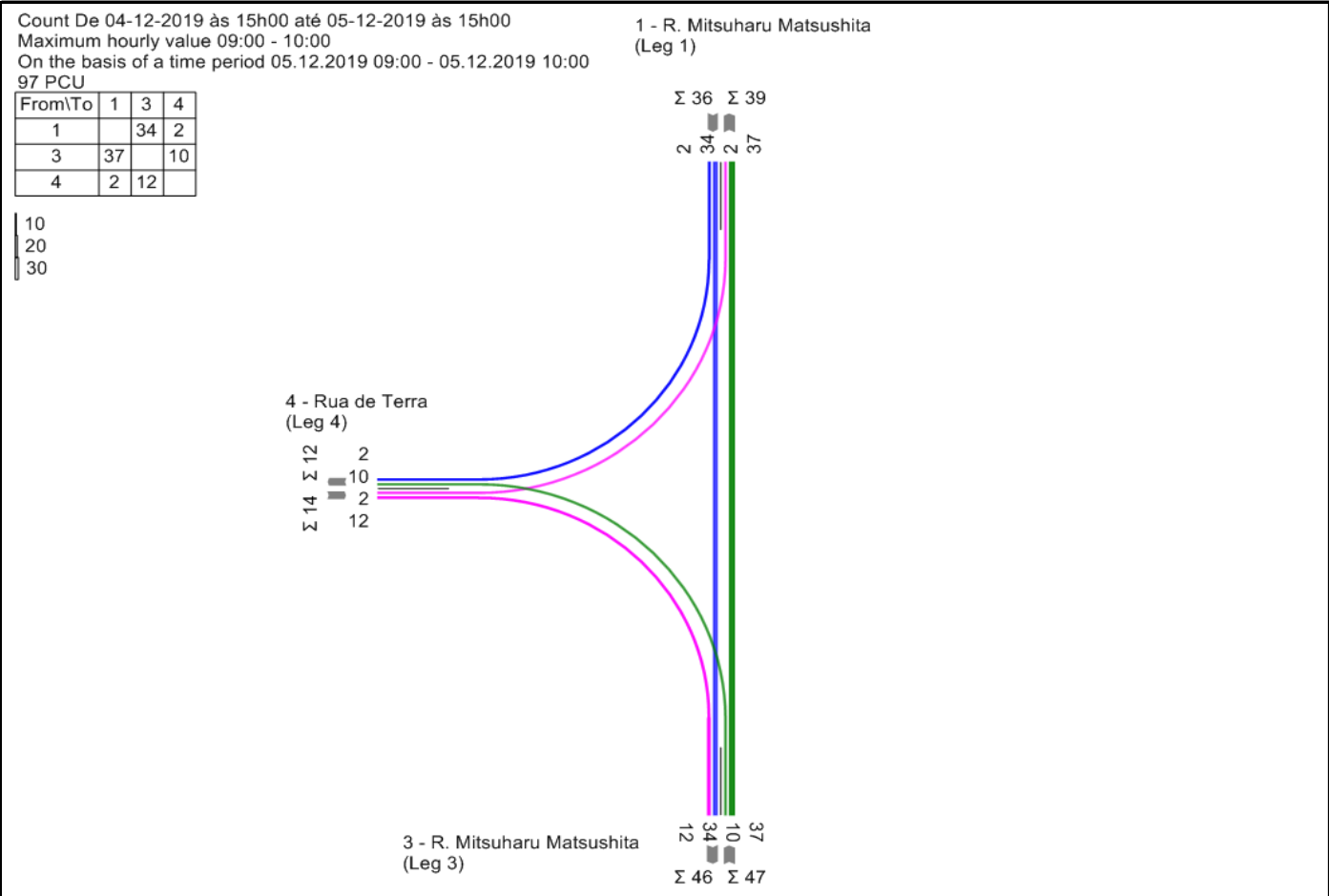
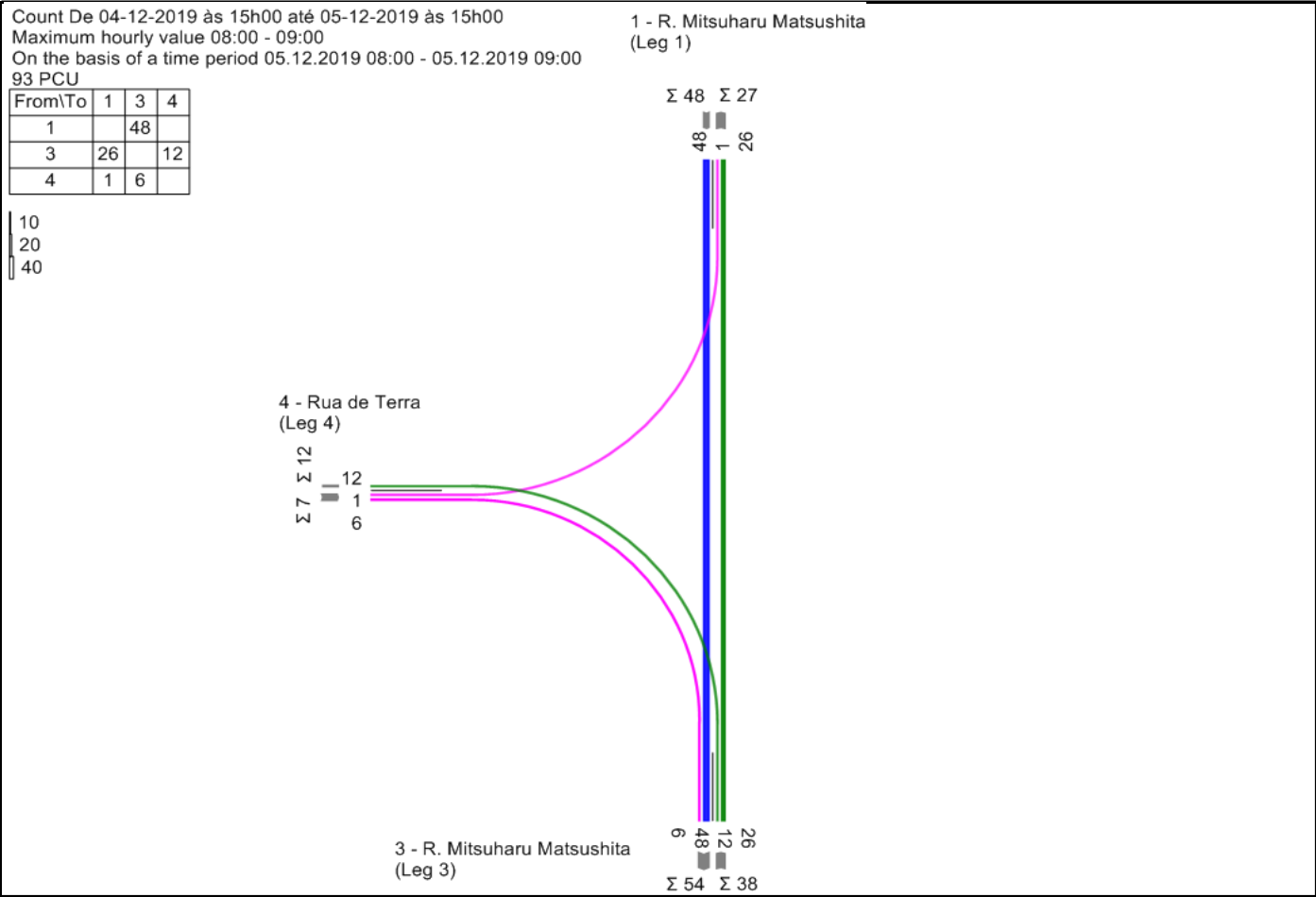


Diagrama de Fluxos 002 - R. Mitsuharu X Rua de Terra

Count De 04-12-2019 às 15h00 até 05-12-2019 às 15h00
 Maximum hourly value 10:00 - 11:00
 On the basis of a time period 05.12.2019 10:00 - 05.12.2019 11:00

1 - R. Mitsuharu Matsushita
 (Leg 1)

78 PCU

From\To	1	3	4
1		29	
3	23		14
4		12	

5
10
20

4 - Rua de Terra
 (Leg 4)

$\Sigma 12$ $\Sigma 14$

3 - R. Mitsuharu Matsushita
 (Leg 3)

$\Sigma 29$ $\Sigma 23$
 62 23
 12 29 14 23
 $\Sigma 41$ $\Sigma 37$

Count De 04-12-2019 às 15h00 até 05-12-2019 às 15h00
 Maximum hourly value 11:00 - 12:00
 On the basis of a time period 05.12.2019 11:00 - 05.12.2019 12:00

1 - R. Mitsuharu Matsushita
 (Leg 1)

72 PCU

From\To	1	3	4
1		34	1
3	24		9
4		4	

10
20
30

4 - Rua de Terra
 (Leg 4)

$\Sigma 4$ $\Sigma 10$

3 - R. Mitsuharu Matsushita
 (Leg 3)

$\Sigma 35$ $\Sigma 24$
 1 34 42
 1 34 24
 4 9 24
 $\Sigma 38$ $\Sigma 33$

Diagrama de Fluxos 002 - R. Mitsuharu X Rua de Terra

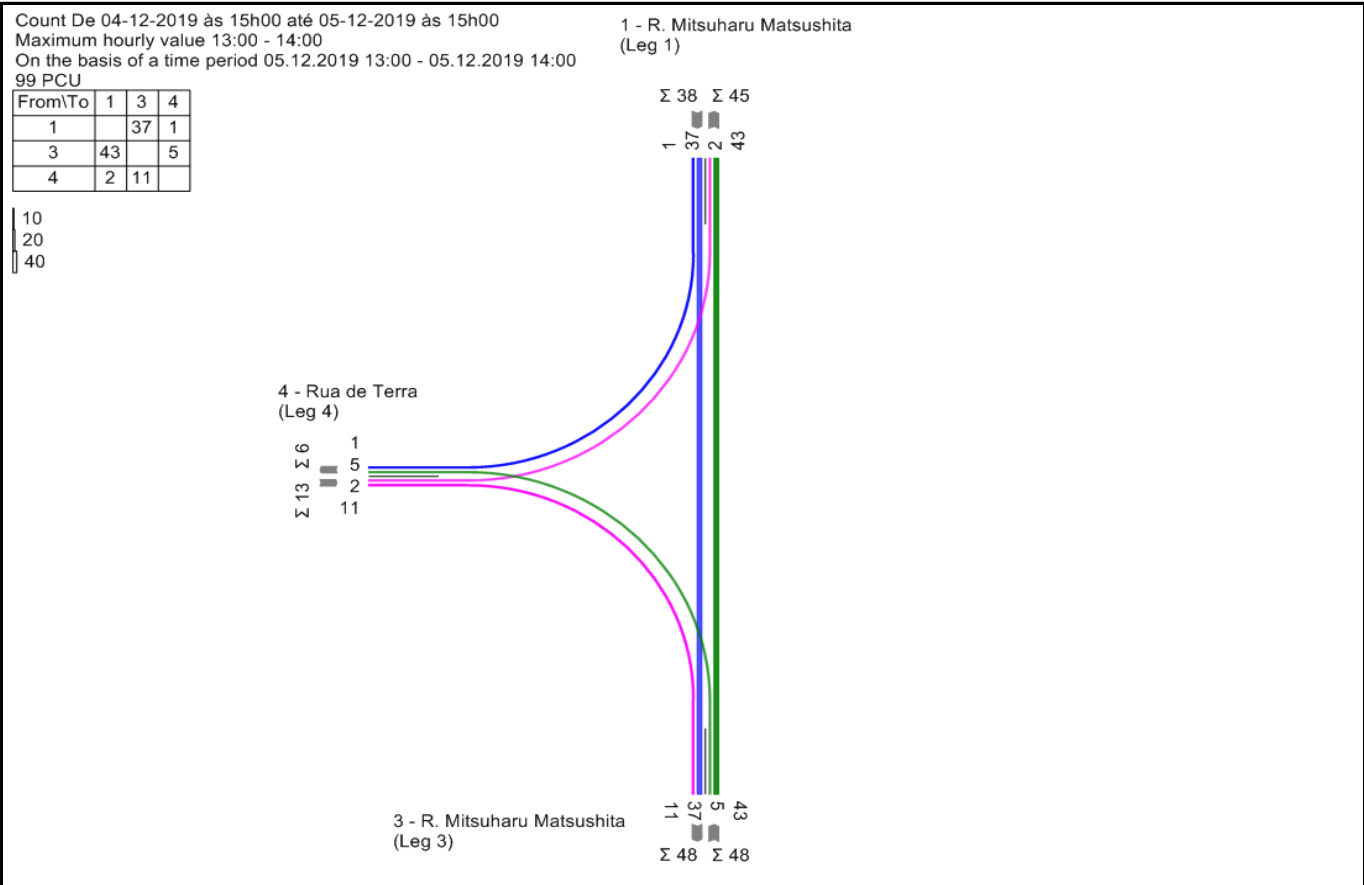
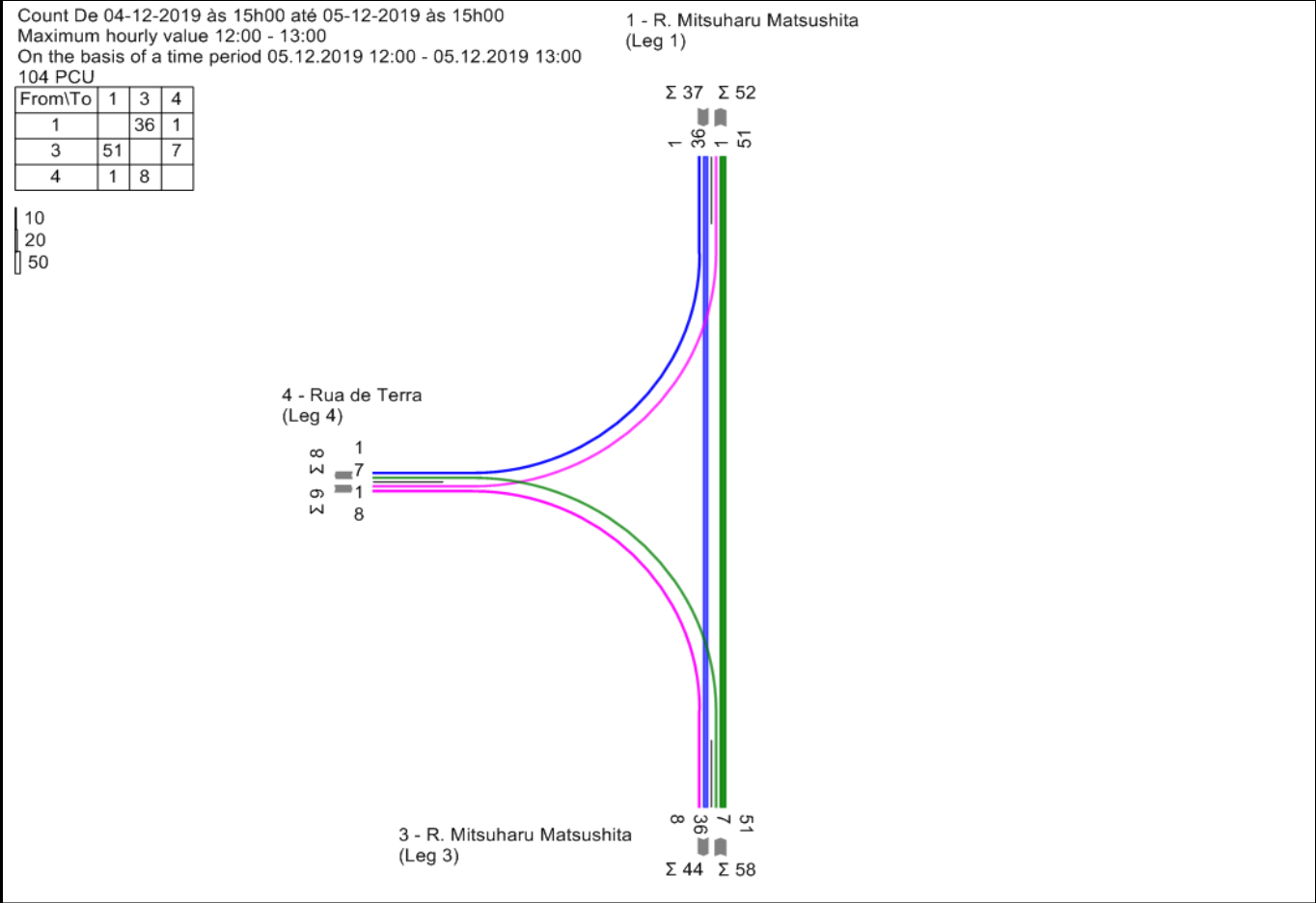


Diagrama de Fluxos 002 - R. Mitsuharu X Rua de Terra

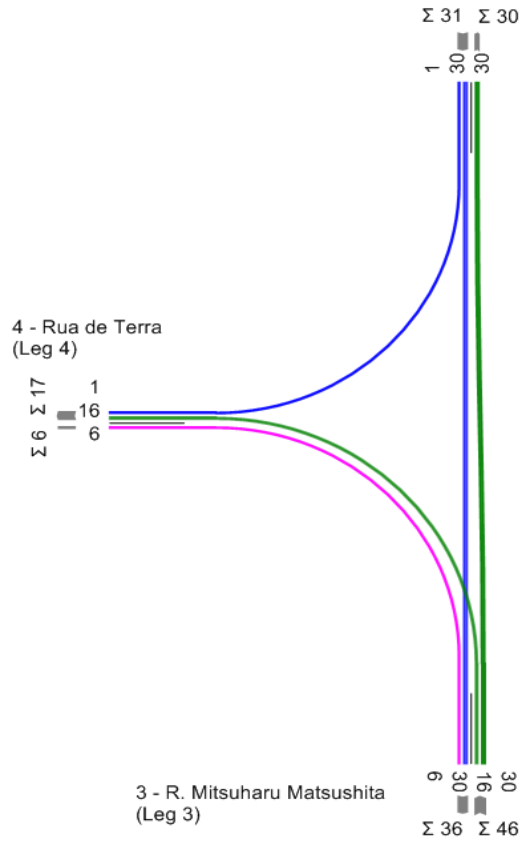
Count De 04-12-2019 às 15h00 até 05-12-2019 às 15h00
 Maximum hourly value 14:00 - 15:00
 On the basis of a time period 05.12.2019 14:00 - 05.12.2019 15:00

1 - R. Mitsuharu Matsushita
 (Leg 1)

83 PCU

From\To	1	3	4
1		30	1
3	30		16
4		6	

10
20
30



Count De 04-12-2019 às 15h00 até 05-12-2019 às 15h00
 Maximum hourly value 15:00 - 16:00
 On the basis of a time period 05.12.2019 15:00 - 05.12.2019 16:00

1 - R. Mitsuharu Matsushita
 (Leg 1)

97 PCU

From\To	1	3	4
1		35	
3	49		12
4	1		

10
20
40

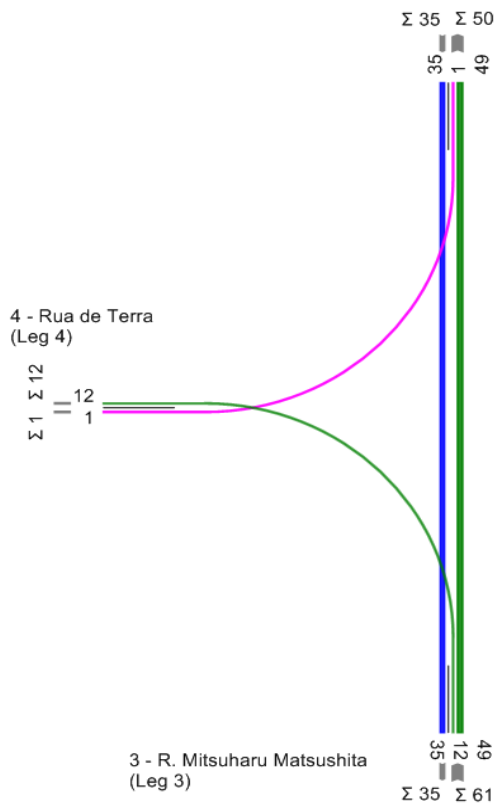


Diagrama de Fluxos 002 - R. Mitsuharu X Rua de Terra

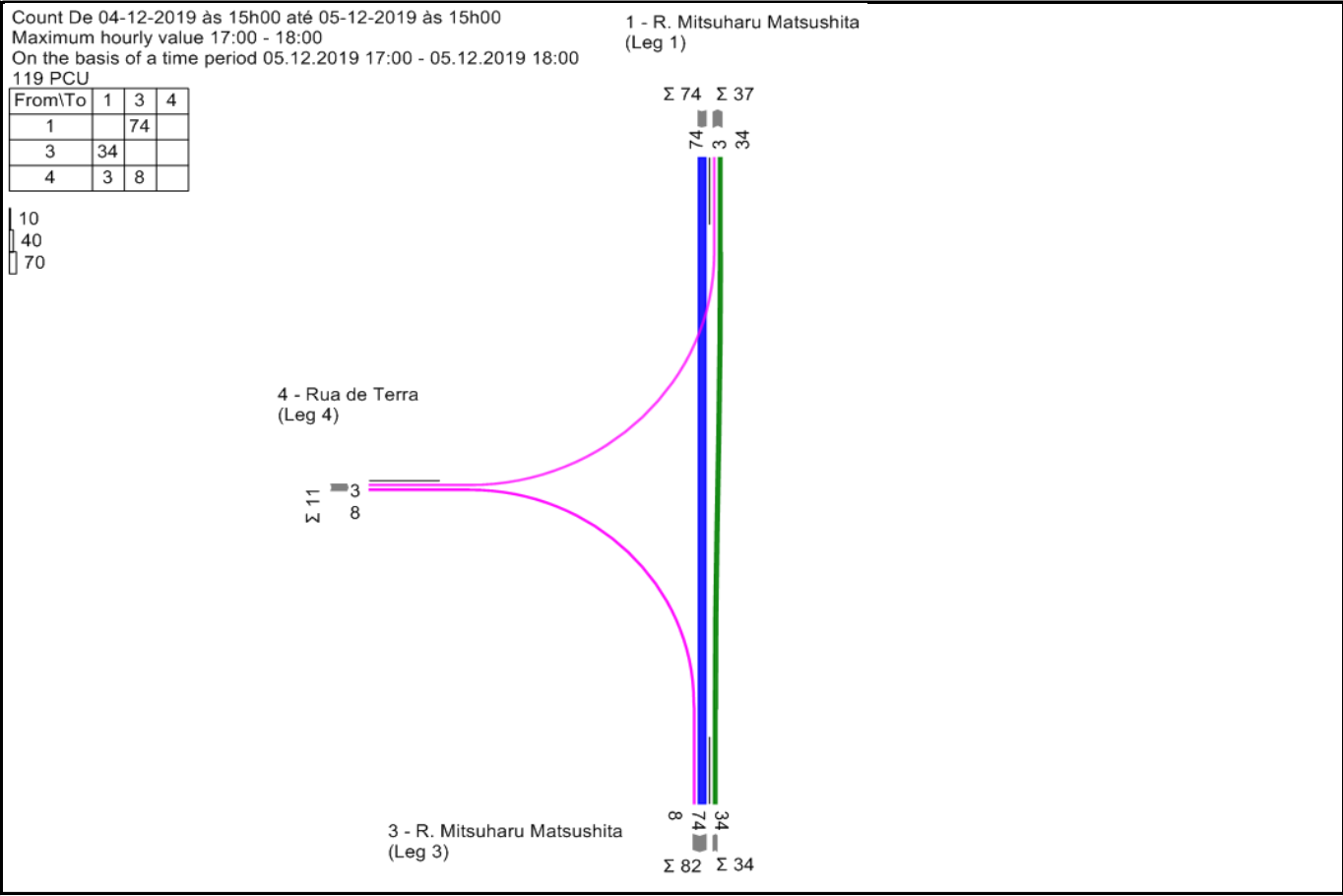
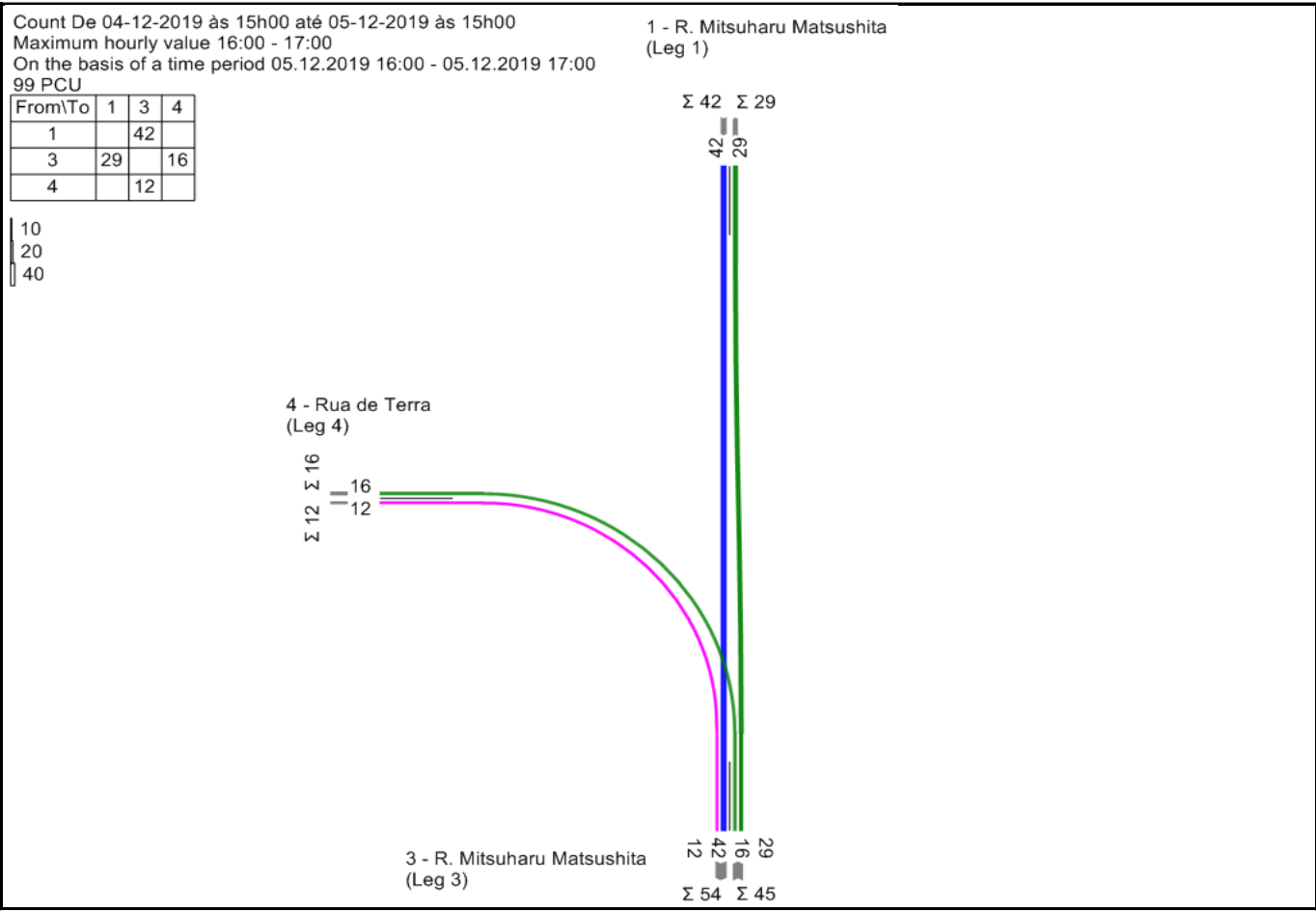


Diagrama de Fluxos 002 - R. Mitsuharu X Rua de Terra

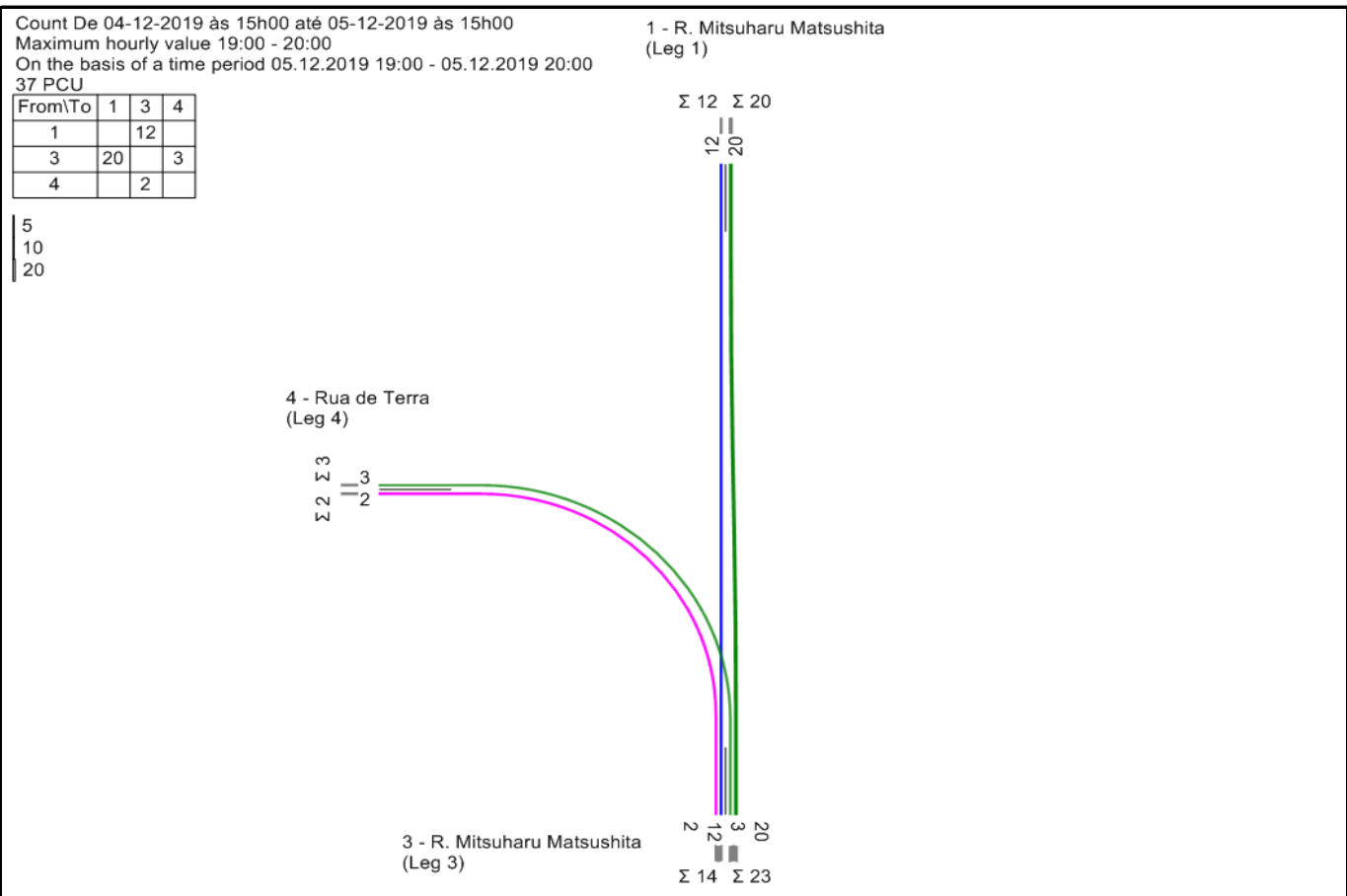
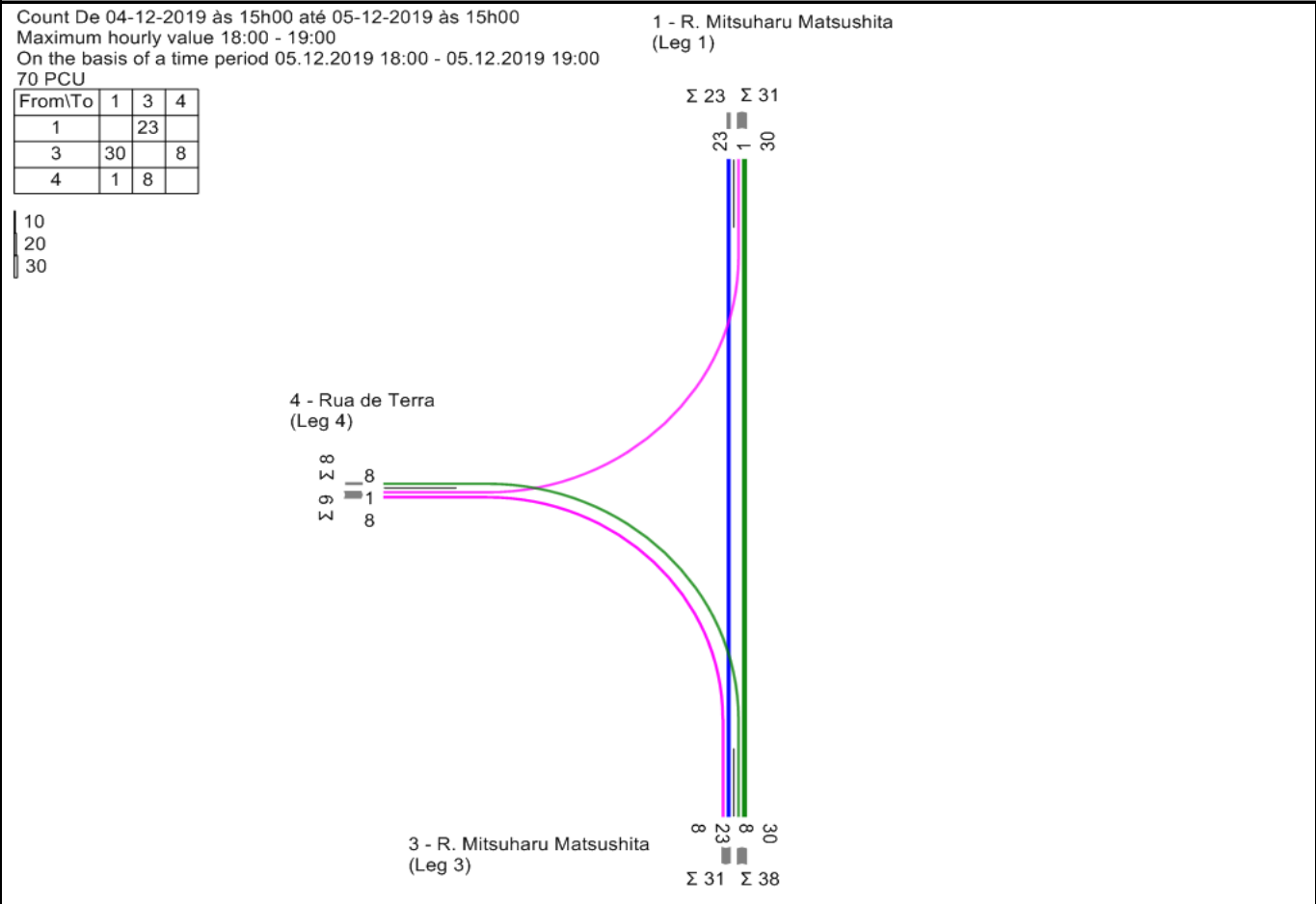


Diagrama de Fluxos 002 - R. Mitsuharu X Rua de Terra

Count De 04-12-2019 às 15h00 até 05-12-2019 às 15h00
 Maximum hourly value 20:00 - 21:00
 On the basis of a time period 05.12.2019 20:00 - 05.12.2019 21:00
 29 PCU

1 - R. Mitsuharu Matsushita
 (Leg 1)

From\To	1	3	4
1		8	
3	17		3
4			1

1
5
10

4 - Rua de Terra
 (Leg 4)

$\Sigma 1 \Sigma 3$
 $\Sigma 1 \Sigma 3$
 $\Sigma 1 \Sigma 3$

3 - R. Mitsuharu Matsushita
 (Leg 3)



Count De 04-12-2019 às 15h00 até 05-12-2019 às 15h00
 Maximum hourly value 21:00 - 22:00
 On the basis of a time period 05.12.2019 21:00 - 05.12.2019 22:00
 12 PCU

1 - R. Mitsuharu Matsushita
 (Leg 1)

From\To	1	3	4
1		2	
3	6		3
4			1

1
5
10

4 - Rua de Terra
 (Leg 4)

$\Sigma 1 \Sigma 3$
 $\Sigma 1 \Sigma 3$
 $\Sigma 1 \Sigma 3$

3 - R. Mitsuharu Matsushita
 (Leg 3)



Diagrama de Fluxos 002 - R. Mitsuharu X Rua de Terra

Count De 04-12-2019 às 15h00 até 05-12-2019 às 15h00
 Maximum hourly value 22:00 - 23:00
 On the basis of a time period 05.12.2019 22:00 - 05.12.2019 23:00
 20 PCU

1 - R. Mitsuharu Matsushita
 (Leg 1)

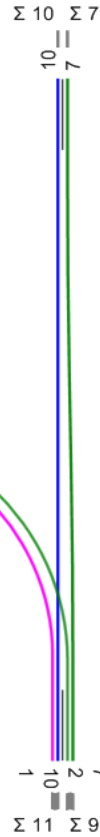
From\To	1	3	4
1		10	
3	7		2
4		1	

1
5
10

4 - Rua de Terra
 (Leg 4)

$\Sigma 1$
 $\Sigma 2$
 $\Sigma 2$

3 - R. Mitsuharu Matsushita
 (Leg 3)



Count De 04-12-2019 às 15h00 até 05-12-2019 às 15h00
 Maximum hourly value 23:00 - 00:00
 On the basis of a time period 05.12.2019 23:00 - 06.12.2019 00:00
 8 PCU

1 - R. Mitsuharu Matsushita
 (Leg 1)

From\To	1	3	4
1			1
3	5		2
4			

1
5
10

4 - Rua de Terra
 (Leg 4)

$\Sigma 3$
 $\Sigma 2$

3 - R. Mitsuharu Matsushita
 (Leg 3)



PCU

002 - R. Mitsuharu X Rua de Terra

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 R. Mitsuharu Matsushita em frente



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	-	Truck	Bus	-	PCU	VEC
0:00	1:00	0	0	0	0	0	0	0
1:00	2:00	1	0	0	0	0	1	1
2:00	3:00	1	0	0	0	0	1	1
3:00	4:00	0	0	0	0	0	0	0
4:00	5:00	0	0	0	0	0	0	0
5:00	6:00	7	0	1	0	0	10	8
6:00	7:00	9	0	1	1	0	14	11
7:00	8:00	23	0	6	1	0	40	30
8:00	9:00	16	0	13	0	0	49	29
9:00	10:00	17	0	7	0	0	35	24
10:00	11:00	19	0	4	0	0	29	23
11:00	12:00	17	0	7	0	0	35	24

Período Tarde								
Período de	até	Car	-	Truck	Bus	-	PCU	VEC
12:00	13:00	27	0	3	1	0	37	31
13:00	14:00	17	0	8	0	0	37	25
14:00	15:00	20	0	4	0	0	30	24
15:00	16:00	15	0	8	0	0	35	23
16:00	17:00	29	0	5	0	0	42	34
17:00	18:00	72	0	1	0	0	75	73
18:00	19:00	18	0	2	0	0	23	20
19:00	20:00	9	0	1	0	0	12	10
20:00	21:00	8	0	0	0	0	8	8
21:00	22:00	2	0	0	0	0	2	2
22:00	23:00	8	0	1	0	0	11	9
23:00	0:00	0	0	0	0	0	0	0

Movimento Contado
1 > 3 R. Mitsuharu Matsushita em frente

Fluxo veicular a cada 15 minutos

Período Manhã								Período Tarde											
Período de até		Car	-	Truck	Bus	-	PCU	VEC		Período de até		Car	-	Truck	Bus	-	PCU	VEC	
0:00	0:15	0	0	0	0	0	0		0	12:00	12:15	5	0	0	0	0	5	5	
0:15	0:30	0	0	0	0	0	0	0	0	12:15	12:30	8	0	0	0	0	8	8	31
0:30	0:45	0	0	0	0	0	0	0	0	12:30	12:45	6	0	1	1	0	11	8	
0:45	1:00	0	0	0	0	0	0	0	0	12:45	13:00	8	0	2	0	0	13	10	
1:00	1:15	1	0	0	0	0	1	1	1	13:00	13:15	4	0	3	0	0	12	7	25
1:15	1:30	0	0	0	0	0	0	0	0	13:15	13:30	4	0	1	0	0	7	5	
1:30	1:45	0	0	0	0	0	0	0	1	13:30	13:45	3	0	3	0	0	11	6	
1:45	2:00	0	0	0	0	0	0	0	0	13:45	14:00	6	0	1	0	0	9	7	
2:00	2:15	0	0	0	0	0	0	0	0	14:00	14:15	5	0	2	0	0	10	7	24
2:15	2:30	0	0	0	0	0	0	0	0	14:15	14:30	4	0	1	0	0	7	5	
2:30	2:45	0	0	0	0	0	0	0	1	14:30	14:45	5	0	0	0	0	5	5	
2:45	3:00	1	0	0	0	0	1	1	1	14:45	15:00	6	0	1	0	0	9	7	
3:00	3:15	0	0	0	0	0	0	0	0	15:00	15:15	1	0	1	0	0	4	2	23
3:15	3:30	0	0	0	0	0	0	0	0	15:15	15:30	6	0	1	0	0	9	7	
3:30	3:45	0	0	0	0	0	0	0	0	15:30	15:45	3	0	2	0	0	8	5	
3:45	4:00	0	0	0	0	0	0	0	0	15:45	16:00	5	0	4	0	0	15	9	
4:00	4:15	0	0	0	0	0	0	0	0	16:00	16:15	8	0	0	0	0	8	8	34
4:15	4:30	0	0	0	0	0	0	0	0	16:15	16:30	6	0	2	0	0	11	8	
4:30	4:45	0	0	0	0	0	0	0	0	16:30	16:45	9	0	0	0	0	9	9	
4:45	5:00	0	0	0	0	0	0	0	0	16:45	17:00	6	0	3	0	0	14	9	
5:00	5:15	0	0	1	0	0	3	1	1	17:00	17:15	26	0	0	0	0	26	26	73
5:15	5:30	2	0	0	0	0	2	2	2	17:15	17:30	15	0	1	0	0	18	16	
5:30	5:45	1	0	0	0	0	1	1	1	17:30	17:45	19	0	0	0	0	19	19	
5:45	6:00	4	0	0	0	0	4	4	4	17:45	18:00	12	0	0	0	0	12	12	
6:00	6:15	0	0	0	0	0	0	0	0	18:00	18:15	7	0	0	0	0	7	7	20
6:15	6:30	0	0	0	0	0	0	0	0	18:15	18:30	3	0	0	0	0	3	3	
6:30	6:45	5	0	1	1	0	10	7	7	18:30	18:45	3	0	2	0	0	8	5	
6:45	7:00	4	0	0	0	0	4	4	4	18:45	19:00	5	0	0	0	0	5	5	
7:00	7:15	6	0	0	1	0	8	7	7	19:00	19:15	3	0	1	0	0	6	4	10
7:15	7:30	5	0	1	0	0	8	6	6	19:15	19:30	1	0	0	0	0	1	1	
7:30	7:45	5	0	2	0	0	10	7	7	19:30	19:45	3	0	0	0	0	3	3	
7:45	8:00	7	0	3	0	0	15	10	10	19:45	20:00	2	0	0	0	0	2	2	
8:00	8:15	5	0	4	0	0	15	9	9	20:00	20:15	3	0	0	0	0	3	3	8
8:15	8:30	6	0	2	0	0	11	8	8	20:15	20:30	2	0	0	0	0	2	2	
8:30	8:45	2	0	6	0	0	17	8	8	20:30	20:45	2	0	0	0	0	2	2	
8:45	9:00	3	0	1	0	0	6	4	4	20:45	21:00	1	0	0	0	0	1	1	
9:00	9:15	2	0	1	0	0	5	3	3	21:00	21:15	0	0	0	0	0	0	0	2
9:15	9:30	7	0	1	0	0	10	8	8	21:15	21:30	0	0	0	0	0	0	0	
9:30	9:45	3	0	1	0	0	6	4	4	21:30	21:45	1	0	0	0	0	1	1	
9:45	10:00	5	0	4	0	0	15	9	9	21:45	22:00	1	0	0	0	0	1	1	
10:00	10:15	4	0	1	0	0	7	5	5	22:00	22:15	4	0	0	0	0	4	4	9
10:15	10:30	6	0	1	0	0	9	7	7	22:15	22:30	4	0	1	0	0	7	5	
10:30	10:45	5	0	0	0	0	5	5	5	22:30	22:45	0	0	0	0	0	0	0	
10:45	11:00	4	0	2	0	0	9	6	6	22:45	23:00	0	0	0	0	0	0	0	
11:00	11:15	4	0	1	0	0	7	5	5	23:00	23:15	0	0	0	0	0	0	0	0
11:15	11:30	6	0	2	0	0	11	8	8	23:15	23:30	0	0	0	0	0	0	0	
11:30	11:45	3	0	0	0	0	3	3	3	23:30	23:45	0	0	0	0	0	0	0	
11:45	12:00	4	0	4	0	0	14	8	8	23:45	0:00	0	0	0	0	0	0	0	

Movimento Contado

1 > 4 R. Mitsuharu Matsushita conv à direita



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	-	Truck	Bus	-	PCU	VEC
0:00	1:00	0	0	0	0	0	0	0
1:00	2:00	0	0	0	0	0	0	0
2:00	3:00	0	0	0	0	0	0	0
3:00	4:00	0	0	0	0	0	0	0
4:00	5:00	0	0	0	0	0	0	0
5:00	6:00	0	0	0	0	0	0	0
6:00	7:00	1	0	0	0	0	1	1
7:00	8:00	0	0	0	0	0	0	0
8:00	9:00	0	0	0	0	0	0	0
9:00	10:00	2	0	0	0	0	2	2
10:00	11:00	0	0	0	0	0	0	0
11:00	12:00	1	0	0	0	0	1	1

Período Tarde								
Período de	até	Car	-	Truck	Bus	-	PCU	VEC
12:00	13:00	1	0	0	0	0	1	1
13:00	14:00	1	0	0	0	0	1	1
14:00	15:00	1	0	0	0	0	1	1
15:00	16:00	0	0	0	0	0	0	0
16:00	17:00	0	0	0	0	0	0	0
17:00	18:00	0	0	0	0	0	0	0
18:00	19:00	0	0	0	0	0	0	0
19:00	20:00	0	0	0	0	0	0	0
20:00	21:00	0	0	0	0	0	0	0
21:00	22:00	0	0	0	0	0	0	0
22:00	23:00	0	0	0	0	0	0	0
23:00	0:00	1	0	0	0	0	1	1

Movimento Contado
1 > 4
R. Mitsuharu Matsushita conv à direita
Fluxo veicular a cada 15 minutos

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

Movimento Contado

3 > 1 R. Mitsuharu Matsushita em frente



Fluxo veicular a cada hora

Período Manhã								
Período de	até	Car	-	Truck	Bus	-	PCU	VEC
0:00	1:00	0	0	0	0	0	0	0
1:00	2:00	1	0	0	0	0	1	1
2:00	3:00	0	0	0	0	0	0	0
3:00	4:00	1	0	0	0	0	1	1
4:00	5:00	1	0	0	0	0	1	1
5:00	6:00	11	0	0	0	0	11	11
6:00	7:00	46	0	1	0	0	49	47
7:00	8:00	51	0	3	0	0	59	54
8:00	9:00	26	0	0	0	0	26	26
9:00	10:00	27	0	4	0	0	37	31
10:00	11:00	18	0	2	0	0	23	20
11:00	12:00	11	0	5	0	0	24	16

Período Tarde								
Período de	até	Car	-	Truck	Bus	-	PCU	VEC
12:00	13:00	36	0	6	0	0	51	42
13:00	14:00	38	0	2	0	0	43	40
14:00	15:00	23	0	3	0	0	31	26
15:00	16:00	29	0	8	0	0	49	37
16:00	17:00	19	0	4	0	0	29	23
17:00	18:00	31	0	1	0	0	34	32
18:00	19:00	23	0	3	0	0	31	26
19:00	20:00	17	0	1	0	0	20	18
20:00	21:00	17	0	0	0	0	17	17
21:00	22:00	6	0	0	0	0	6	6
22:00	23:00	7	0	0	0	0	7	7
23:00	0:00	5	0	0	0	0	5	5

Movimento Contado
3 > 1
R. Mitsuharu Matsushita em frente
Fluxo veicular a cada 15 minutos

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

Movimento Contado

3 > 4 R. Mitsuharu Matsushita conv à esquerda



Fluxo veicular a cada hora

Período Manhã								
Período de até		Car	-	Truck	Bus	-	PCU	VEC
0:00	1:00	0	0	0	0	0	0	0
1:00	2:00	0	0	0	0	0	0	0
2:00	3:00	0	0	0	0	0	0	0
3:00	4:00	0	0	0	0	0	0	0
4:00	5:00	0	0	0	0	0	0	0
5:00	6:00	3	0	0	1	0	5	4
6:00	7:00	13	0	0	0	0	13	13
7:00	8:00	4	0	2	0	0	9	6
8:00	9:00	10	0	1	0	0	13	11
9:00	10:00	8	0	1	0	0	11	9
10:00	11:00	7	0	3	0	0	15	10
11:00	12:00	4	0	2	0	0	9	6

Período Tarde								
Período de até		Car	-	Truck	Bus	-	PCU	VEC
12:00	13:00	7	0	0	0	0	7	7
13:00	14:00	5	0	0	0	0	5	5
14:00	15:00	8	0	3	0	0	16	11
15:00	16:00	4	0	3	0	0	12	7
16:00	17:00	6	0	4	0	0	16	10
17:00	18:00	0	0	0	0	0	0	0
18:00	19:00	8	0	0	0	0	8	8
19:00	20:00	3	0	0	0	0	3	3
20:00	21:00	3	0	0	0	0	3	3
21:00	22:00	3	0	0	0	0	3	3
22:00	23:00	2	0	0	0	0	2	2
23:00	0:00	2	0	0	0	0	2	2

Movimento Contado
3 > 4
R. Mitsuharu Matsushita conv à esquerda
Fluxo veicular a cada 15 minutos

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

Movimento Contado

4 > 1 Rua de Terra conv à esq. R. Mitsuharu Matsushita



Fluxo veicular a cada hora

Período Manhã								
Período de até		Car	-	Truck	Bus	-	PCU	VEC
0:00	1:00	0	0	0	0	0	0	0
1:00	2:00	0	0	0	0	0	0	0
2:00	3:00	0	0	0	0	0	0	0
3:00	4:00	0	0	0	0	0	0	0
4:00	5:00	0	0	0	0	0	0	0
5:00	6:00	0	0	0	0	0	0	0
6:00	7:00	0	0	0	0	0	0	0
7:00	8:00	1	0	0	0	0	1	1
8:00	9:00	1	0	0	0	0	1	1
9:00	10:00	0	0	1	0	0	3	1
10:00	11:00	0	0	0	0	0	0	0
11:00	12:00	0	0	0	0	0	0	0

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

Movimento Contado
4 > 1
Rua de Terra conv à esq. R. Mitsuharu Matsushita
Fluxo veicular a cada 15 minutos

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

Movimento Contado

4 > 3 Rua de Terra conv à dir. R. Mitsuharu Matsushita



Fluxo veicular a cada hora

Período Manhã								
Período de até		Car	-	Truck	Bus	-	PCU	VEC
0:00	1:00	0	0	0	0	0	0	0
1:00	2:00	0	0	0	0	0	0	0
2:00	3:00	0	0	0	0	0	0	0
3:00	4:00	0	0	0	0	0	0	0
4:00	5:00	0	0	0	0	0	0	0
5:00	6:00	0	0	0	0	0	0	0
6:00	7:00	3	0	0	0	0	3	3
7:00	8:00	5	0	1	0	0	8	6
8:00	9:00	3	0	1	0	0	6	4
9:00	10:00	7	0	2	0	0	12	9
10:00	11:00	10	0	1	0	0	13	11
11:00	12:00	4	0	0	0	0	4	4

Período Tarde								
Período de até		Car	-	Truck	Bus	-	PCU	VEC
12:00	13:00	3	0	2	0	0	8	5
13:00	14:00	6	0	2	0	0	11	8
14:00	15:00	3	0	1	0	0	6	4
15:00	16:00	0	0	0	0	0	0	0
16:00	17:00	4	0	3	0	0	12	7
17:00	18:00	8	0	0	0	0	8	8
18:00	19:00	5	0	1	0	0	8	6
19:00	20:00	2	0	0	0	0	2	2
20:00	21:00	1	0	0	0	0	1	1
21:00	22:00	1	0	0	0	0	1	1
22:00	23:00	1	0	0	0	0	1	1
23:00	0:00	0	0	0	0	0	0	0

Movimento Contado	
4 > 3	Rua de Terra conv à dir. R. Mitsuharu Matsushita

Fluxo veicular a cada 15 minutos

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