

Tabel 1 Data Kendaraan Berpapasan

Hari/Tanggal : Selasa, 14 Oktober 2003

Waktu : 08:00 - 10:00

Arah : Barat - Timur

| Trip   | Kendaraan yang berpapasan |       |            |      |        |      |      |      |      |      | Total |       |
|--------|---------------------------|-------|------------|------|--------|------|------|------|------|------|-------|-------|
|        | Motor                     |       | Mobil Pen. |      | Angkot |      | Bus  |      | Truk |      |       |       |
|        | Kend                      | smp   | Kend       | smp  | Kend   | smp  | Kend | smp  | Kend | smp  | Kend  | smp   |
| 1      | 11                        | 4.4   | 7          | 7    | 5      | 5    | 0    | 0    | 0    | 0    | 23    | 16.4  |
| 2      | 21                        | 8.4   | 14         | 14   | 3      | 3    | 0    | 0    | 1    | 1.3  | 39    | 26.7  |
| 3      | 32                        | 12.8  | 11         | 11   | 8      | 8    | 0    | 0    | 0    | 0    | 51    | 31.8  |
| 4      | 26                        | 10.4  | 16         | 16   | 11     | 11   | 0    | 0    | 2    | 2.6  | 55    | 40    |
| 5      | 15                        | 6     | 9          | 9    | 11     | 11   | 0    | 0    | 1    | 1.3  | 36    | 27.3  |
| 6      | 16                        | 6.4   | 12         | 12   | 15     | 15   | 0    | 0    | 3    | 3.9  | 46    | 37.3  |
| 7      | 9                         | 3.6   | 9          | 9    | 7      | 7    | 0    | 0    | 2    | 2.6  | 27    | 22.2  |
| 8      | 7                         | 2.8   | 10         | 10   | 16     | 16   | 0    | 0    | 1    | 1.3  | 34    | 30.1  |
| 9      | 18                        | 7.2   | 13         | 13   | 11     | 11   | 0    | 0    | 0    | 0    | 42    | 31.2  |
| 10     | 13                        | 5.2   | 10         | 10   | 12     | 12   | 0    | 0    | 0    | 0    | 35    | 27.2  |
| 11     | 11                        | 4.4   | 10         | 10   | 7      | 7    | 0    | 0    | 0    | 0    | 28    | 21.4  |
| 12     | 12                        | 4.8   | 18         | 18   | 8      | 8    | 1    | 1.3  | 1    | 1.3  | 40    | 33.4  |
| 13     | 27                        | 10.8  | 13         | 13   | 13     | 13   | 0    | 0    | 2    | 2.6  | 55    | 39.4  |
| 14     | 19                        | 7.6   | 15         | 15   | 11     | 11   | 0    | 0    | 0    | 0    | 45    | 33.6  |
| 15     | 22                        | 8.8   | 13         | 13   | 9      | 9    | 0    | 0    | 3    | 3.9  | 47    | 34.7  |
| 16     | 17                        | 6.8   | 14         | 14   | 15     | 15   | 0    | 0    | 0    | 0    | 46    | 35.8  |
| 17     | 11                        | 4.4   | 10         | 10   | 11     | 11   | 0    | 0    | 0    | 0    | 32    | 25.4  |
| 18     | 6                         | 2.4   | 12         | 12   | 12     | 12   | 0    | 0    | 2    | 2.6  | 32    | 29    |
| 19     | 21                        | 8.4   | 8          | 8    | 14     | 14   | 0    | 0    | 0    | 0    | 43    | 30.4  |
| 20     | 16                        | 6.4   | 7          | 7    | 10     | 10   | 0    | 0    | 1    | 1.3  | 34    | 24.7  |
| 21     | 12                        | 4.8   | 9          | 9    | 9      | 9    | 0    | 0    | 1    | 1.3  | 31    | 24.1  |
| 22     | 16                        | 6.4   | 8          | 8    | 10     | 10   | 0    | 0    | 0    | 0    | 34    | 24.4  |
| 23     | 24                        | 9.6   | 9          | 9    | 14     | 14   | 0    | 0    | 0    | 0    | 47    | 32.6  |
| 24     | 19                        | 7.6   | 6          | 6    | 6      | 6    | 0    | 0    | 0    | 0    | 31    | 19.6  |
| 25     | 13                        | 5.2   | 12         | 12   | 8      | 8    | 0    | 0    | 4    | 5.2  | 37    | 30.4  |
| 26     | 20                        | 8     | 14         | 14   | 6      | 6    | 0    | 0    | 0    | 0    | 40    | 28    |
| 27     | 19                        | 7.6   | 12         | 12   | 10     | 10   | 0    | 0    | 1    | 1.3  | 42    | 30.9  |
| 28     | 26                        | 10.4  | 9          | 9    | 7      | 7    | 0    | 0    | 1    | 1.3  | 43    | 27.7  |
| 29     | 14                        | 5.6   | 7          | 7    | 7      | 7    | 0    | 0    | 0    | 0    | 28    | 19.6  |
| 30     | 21                        | 8.4   | 10         | 10   | 10     | 10   | 0    | 0    | 1    | 1.3  | 42    | 29.7  |
| Jumlah | 514                       | 205.6 | 327        | 327  | 296    | 296  | 1    | 1.3  | 27   | 35.1 | 1165  | 865   |
| Rerata | 17.13                     | 6.85  | 10.9       | 10.9 | 9.87   | 9.87 | 0.03 | 0.04 | 0.9  | 1.17 | 38.83 | 28.83 |

Tabel 2 Data Kendaraan Menyiap

Hari/Tanggal : Selasa, 14 Oktober 2003

Waktu : 08:00 - 10:00

Arah : Barat - Timur

| Trip   | Kendaraan menyiap |      |            |     |        |     |      |     |      |     | Total |      |
|--------|-------------------|------|------------|-----|--------|-----|------|-----|------|-----|-------|------|
|        | Motor             |      | Mobil Pen. |     | Angkot |     | Bus  |     | Truk |     |       |      |
|        | Kend              | smp  | Kend       | smp | Kend   | smp | Kend | smp | Kend | smp | Kend  | smp  |
| 1      | 2                 | 0.8  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 2     | 0.8  |
| 2      | 1                 | 0.4  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 3      | 3                 | 1.2  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 3     | 1.2  |
| 4      | 3                 | 1.2  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 3     | 1.2  |
| 5      | 3                 | 1.2  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 3     | 1.2  |
| 6      | 7                 | 2.8  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 7     | 2.8  |
| 7      | 1                 | 0.4  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 8      | 1                 | 0.4  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 9      | 4                 | 1.6  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 4     | 1.6  |
| 10     | 4                 | 1.6  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 4     | 1.6  |
| 11     | 0                 | 0    | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 0     | 0    |
| 12     | 5                 | 2    | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 5     | 2    |
| 13     | 9                 | 3.6  | 3          | 3   | 0      | 0   | 0    | 0   | 0    | 0   | 12    | 6.6  |
| 14     | 2                 | 0.8  | 1          | 1   | 0      | 0   | 0    | 0   | 0    | 0   | 3     | 1.8  |
| 15     | 3                 | 1.2  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 3     | 1.2  |
| 16     | 6                 | 2.4  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 6     | 2.4  |
| 17     | 1                 | 0.4  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 18     | 1                 | 0.4  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 19     | 2                 | 0.8  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 2     | 0.8  |
| 20     | 0                 | 0    | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 0     | 0    |
| 21     | 0                 | 0    | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 0     | 0    |
| 22     | 4                 | 1.6  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 4     | 1.6  |
| 23     | 2                 | 0.8  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 2     | 0.8  |
| 24     | 2                 | 0.8  | 2          | 2   | 0      | 0   | 0    | 0   | 0    | 0   | 4     | 2.8  |
| 25     | 0                 | 0    | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 0     | 0    |
| 26     | 5                 | 2    | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 5     | 2    |
| 27     | 5                 | 2    | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 5     | 2    |
| 28     | 11                | 4.4  | 2          | 2   | 0      | 0   | 0    | 0   | 0    | 0   | 13    | 6.4  |
| 29     | 7                 | 2.8  | 1          | 1   | 0      | 0   | 0    | 0   | 0    | 0   | 8     | 3.8  |
| 30     | 2                 | 0.8  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 2     | 0.8  |
| Jumlah | 96                | 38.4 | 9          | 9   | 0      | 0   | 0    | 0   | 0    | 0   | 105   | 47.4 |
| Rerata | 3.20              | 1.28 | 0.3        | 0.3 | 0      | 0   | 0    | 0   | 0    | 0   | 3.50  | 1.58 |

Tabel 3 Data Kendaraan Disiap, Waktu Perjalanan, dan Waktu Tunda

Hari/Tanggal : Selasa, 14 Oktober 2003

Waktu : 08:00 - 10:00

Arah : Barat - Timur

| Trip   | Kendaraan yang disiap |            |          |          |           | Total     | Wkt Perj.<br>(detik) | Wkt Tund.<br>(detik) |
|--------|-----------------------|------------|----------|----------|-----------|-----------|----------------------|----------------------|
|        | Motor                 | Mobil Pen. | Angkot   | Bus      | Truk      |           |                      |                      |
|        | Kend smp              | Kend smp   | Kend smp | Kend smp | Kend smp  | Kend smp  |                      |                      |
| 1      | 2 0.8                 | 0 0        | 2 2      | 0 0      | 0 0       | 4 2.8     | 71.45                | 0                    |
| 2      | 5 2                   | 1 1        | 3 3      | 0 0      | 1 1.3     | 10 7.3    | 64.21                | 0                    |
| 3      | 1 0.4                 | 1 1        | 0 0      | 0 0      | 0 0       | 2 1.4     | 78.54                | 2.24                 |
| 4      | 2 0.8                 | 0 0        | 2 2      | 0 0      | 0 0       | 4 2.8     | 62.31                | 0                    |
| 5      | 2 0.8                 | 1 1        | 1 1      | 0 0      | 0 0       | 4 2.8     | 64.82                | 0                    |
| 6      | 1 0.4                 | 0 0        | 1 1      | 0 0      | 0 0       | 2 1.4     | 77.16                | 2.42                 |
| 7      | 3 1.2                 | 2 2        | 0 0      | 0 0      | 0 0       | 5 3.2     | 70.17                | 0                    |
| 8      | 7 2.8                 | 4 4        | 5 5      | 0 0      | 0 0       | 16 11.8   | 63.54                | 0                    |
| 9      | 0 0                   | 0 0        | 2 2      | 0 0      | 0 0       | 2 2       | 71.45                | 0                    |
| 10     | 7 2.8                 | 4 4        | 3 3      | 0 0      | 0 0       | 14 9.8    | 72.44                | 0                    |
| 11     | 3 1.2                 | 3 3        | 1 1      | 0 0      | 0 0       | 7 5.2     | 70.54                | 0                    |
| 12     | 1 0.4                 | 2 2        | 2 2      | 0 0      | 0 0       | 5 4.4     | 68.64                | 0                    |
| 13     | 1 0.4                 | 0 0        | 1 1      | 0 0      | 0 0       | 2 1.4     | 88.25                | 1.44                 |
| 14     | 0 0                   | 0 0        | 1 1      | 0 0      | 0 0       | 1 1       | 80.31                | 1.26                 |
| 15     | 0 0                   | 2 2        | 0 0      | 0 0      | 0 0       | 2 2       | 75.53                | 0                    |
| 16     | 2 0.8                 | 2 2        | 2 2      | 0 0      | 1 1.3     | 7 6.1     | 70.55                | 0                    |
| 17     | 5 2                   | 4 4        | 3 3      | 0 0      | 1 1.3     | 13 10.3   | 65.37                | 0                    |
| 18     | 1 0.4                 | 2 2        | 2 2      | 0 0      | 0 0       | 5 4.4     | 74.45                | 0                    |
| 19     | 6 2.4                 | 0 0        | 3 3      | 0 0      | 0 0       | 9 5.4     | 63.29                | 0                    |
| 20     | 4 1.6                 | 0 0        | 1 1      | 0 0      | 0 0       | 5 2.6     | 64.66                | 0                    |
| 21     | 4 1.6                 | 1 1        | 3 3      | 0 0      | 0 0       | 8 5.6     | 71.87                | 0                    |
| 22     | 3 1.2                 | 3 3        | 1 1      | 0 0      | 1 1.3     | 8 6.5     | 77.57                | 0                    |
| 23     | 1 0.4                 | 4 4        | 2 2      | 0 0      | 1 1.3     | 8 7.7     | 72.93                | 0                    |
| 24     | 0 0                   | 0 0        | 4 4      | 0 0      | 0 0       | 4 4       | 80.12                | 0                    |
| 25     | 0 0                   | 0 0        | 4 4      | 0 0      | 1 1.3     | 5 5.3     | 79.27                | 0                    |
| 26     | 4 1.6                 | 1 1        | 5 5      | 0 0      | 1 1.3     | 11 8.9    | 61.85                | 0                    |
| 27     | 3 1.2                 | 1 1        | 3 3      | 0 0      | 0 0       | 7 5.2     | 69.41                | 0                    |
| 28     | 0 0                   | 2 2        | 1 1      | 0 0      | 0 0       | 3 3       | 78.42                | 2.73                 |
| 29     | 0 0                   | 1 1        | 1 1      | 0 0      | 0 0       | 2 2       | 74.28                | 3.54                 |
| 30     | 3 1.2                 | 5 5        | 4 4      | 0 0      | 0 0       | 12 10.2   | 71.25                | 0                    |
| Jumlah | 71 28.4               | 46 46      | 63 63    | 0 0      | 7 9.1     | 187 147   | 2154.65              | 13.63                |
| Rerata | 2.37 0.95             | 1.53 1.53  | 2.1 2.1  | 0 0      | 0.23 0.30 | 6.23 4.88 | 71.82                | 0.45                 |

Tabel 4 Data Kendaraan Berpapasan

Hari/Tanggal : Selasa, 14 Oktober 2003

Waktu : 08:00 – 10:00

Arah : Timur - Barat

| Trip   | Kendaraan yang berpapasan |       |            |       |        |      |      |     |      |      | Total |        |
|--------|---------------------------|-------|------------|-------|--------|------|------|-----|------|------|-------|--------|
|        | Motor                     |       | Mobil Pen. |       | Angkot |      | Bus  |     | Truk |      |       |        |
|        | Kend                      | smp   | Kend       | smp   | Kend   | smp  | Kend | smp | Kend | smp  | Kend  | smp    |
| 1      | 29                        | 11.6  | 13         | 13    | 6      | 6    | 0    | 0   | 0    | 0    | 48    | 30.6   |
| 2      | 28                        | 11.2  | 17         | 17    | 4      | 4    | 0    | 0   | 0    | 0    | 49    | 32.2   |
| 3      | 36                        | 14.4  | 22         | 22    | 3      | 3    | 0    | 0   | 1    | 1.3  | 62    | 40.7   |
| 4      | 28                        | 11.2  | 17         | 17    | 8      | 8    | 0    | 0   | 1    | 1.3  | 54    | 37.5   |
| 5      | 34                        | 13.6  | 21         | 21    | 5      | 5    | 0    | 0   | 0    | 0    | 60    | 39.6   |
| 6      | 24                        | 9.6   | 31         | 31    | 2      | 2    | 0    | 0   | 0    | 0    | 57    | 42.6   |
| 7      | 18                        | 7.2   | 24         | 24    | 4      | 4    | 0    | 0   | 0    | 0    | 46    | 35.2   |
| 8      | 37                        | 14.8  | 22         | 22    | 5      | 5    | 0    | 0   | 0    | 0    | 64    | 41.8   |
| 9      | 39                        | 15.6  | 26         | 26    | 7      | 7    | 0    | 0   | 0    | 0    | 72    | 48.6   |
| 10     | 21                        | 8.4   | 24         | 24    | 9      | 9    | 0    | 0   | 0    | 0    | 54    | 41.4   |
| 11     | 35                        | 14    | 17         | 17    | 5      | 5    | 0    | 0   | 1    | 1.3  | 58    | 37.3   |
| 12     | 31                        | 12.4  | 23         | 23    | 5      | 5    | 0    | 0   | 1    | 1.3  | 60    | 41.7   |
| 13     | 17                        | 6.8   | 29         | 29    | 5      | 5    | 0    | 0   | 1    | 1.3  | 52    | 42.1   |
| 14     | 16                        | 6.4   | 26         | 26    | 7      | 7    | 0    | 0   | 0    | 0    | 49    | 39.4   |
| 15     | 26                        | 10.4  | 34         | 34    | 5      | 5    | 0    | 0   | 0    | 0    | 65    | 49.4   |
| 16     | 24                        | 9.6   | 31         | 31    | 6      | 6    | 0    | 0   | 0    | 0    | 61    | 46.6   |
| 17     | 34                        | 13.6  | 37         | 37    | 7      | 7    | 0    | 0   | 2    | 2.6  | 80    | 60.2   |
| 18     | 36                        | 14.4  | 28         | 28    | 3      | 3    | 0    | 0   | 2    | 2.6  | 69    | 48     |
| 19     | 25                        | 10    | 18         | 18    | 5      | 5    | 0    | 0   | 2    | 2.6  | 50    | 35.6   |
| 20     | 22                        | 8.8   | 19         | 19    | 2      | 2    | 0    | 0   | 1    | 1.3  | 44    | 31.1   |
| 21     | 21                        | 8.4   | 25         | 25    | 2      | 2    | 0    | 0   | 2    | 2.6  | 50    | 38     |
| 22     | 23                        | 9.2   | 27         | 27    | 3      | 3    | 0    | 0   | 1    | 1.3  | 54    | 40.5   |
| 23     | 31                        | 12.4  | 25         | 25    | 2      | 2    | 0    | 0   | 1    | 1.3  | 59    | 40.7   |
| 24     | 19                        | 7.6   | 32         | 32    | 4      | 4    | 0    | 0   | 0    | 0    | 55    | 43.6   |
| 25     | 17                        | 6.8   | 17         | 17    | 5      | 5    | 0    | 0   | 0    | 0    | 39    | 28.8   |
| 26     | 17                        | 6.8   | 20         | 20    | 2      | 2    | 0    | 0   | 0    | 0    | 39    | 28.8   |
| 27     | 19                        | 7.6   | 23         | 23    | 4      | 4    | 0    | 0   | 0    | 0    | 46    | 34.6   |
| 28     | 23                        | 9.2   | 14         | 14    | 1      | 1    | 0    | 0   | 0    | 0    | 38    | 24.2   |
| 29     | 30                        | 12    | 22         | 22    | 2      | 2    | 0    | 0   | 1    | 1.3  | 55    | 37.3   |
| 30     | 27                        | 10.8  | 20         | 20    | 6      | 6    | 0    | 0   | 1    | 1.3  | 54    | 38.1   |
| Jumlah | 787                       | 314.8 | 704        | 704   | 134    | 134  | 0    | 0   | 18   | 23.4 | 1643  | 1176.2 |
| Rerata | 26.23                     | 10.49 | 23.47      | 23.47 | 4.47   | 4.47 | 0    | 0   | 0.6  | 0.78 | 54.77 | 39.21  |

Tabel 5 Data Kendaraan Menyiap

Hari/Tanggal : Selasa, 14 Oktober 2003

Waktu : 08:00 - 10:00

Arah : Timur - Barat

| Trip   | Kendaraan menyiap |      |            |      |        |      |      |     |      |     | Total |      |
|--------|-------------------|------|------------|------|--------|------|------|-----|------|-----|-------|------|
|        | Motor             |      | Mobil Pen. |      | Angkot |      | Bus  |     | Truk |     |       |      |
|        | Kend              | smp  | Kend       | smp  | Kend   | smp  | Kend | smp | Kend | smp | Kend  | smp  |
| 1      | 4                 | 1.6  | 0          | 0    | 0      | 0    | 0    | 0   | 0    | 0   | 4     | 1.6  |
| 2      | 0                 | 0    | 1          | 1    | 0      | 0    | 0    | 0   | 0    | 0   | 1     | 1    |
| 3      | 5                 | 2    | 0          | 0    | 0      | 0    | 0    | 0   | 0    | 0   | 5     | 2    |
| 4      | 0                 | 0    | 0          | 0    | 0      | 0    | 0    | 0   | 0    | 0   | 0     | 0    |
| 5      | 6                 | 2.4  | 2          | 2    | 1      | 1    | 0    | 0   | 0    | 0   | 9     | 5.4  |
| 6      | 3                 | 1.2  | 0          | 0    | 0      | 0    | 0    | 0   | 0    | 0   | 3     | 1.2  |
| 7      | 1                 | 0.4  | 0          | 0    | 0      | 0    | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 8      | 3                 | 1.2  | 0          | 0    | 0      | 0    | 0    | 0   | 0    | 0   | 3     | 1.2  |
| 9      | 4                 | 1.6  | 0          | 0    | 0      | 0    | 0    | 0   | 0    | 0   | 4     | 1.6  |
| 10     | 0                 | 0    | 0          | 0    | 0      | 0    | 0    | 0   | 0    | 0   | 0     | 0    |
| 11     | 0                 | 0    | 0          | 0    | 0      | 0    | 0    | 0   | 0    | 0   | 0     | 0    |
| 12     | 2                 | 0.8  | 0          | 0    | 0      | 0    | 0    | 0   | 0    | 0   | 2     | 0.8  |
| 13     | 5                 | 2    | 1          | 1    | 0      | 0    | 0    | 0   | 0    | 0   | 6     | 3    |
| 14     | 0                 | 0    | 0          | 0    | 0      | 0    | 0    | 0   | 0    | 0   | 0     | 0    |
| 15     | 0                 | 0    | 0          | 0    | 0      | 0    | 0    | 0   | 0    | 0   | 0     | 0    |
| 16     | 1                 | 0.4  | 0          | 0    | 0      | 0    | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 17     | 0                 | 0    | 0          | 0    | 0      | 0    | 0    | 0   | 0    | 0   | 0     | 0    |
| 18     | 0                 | 0    | 0          | 0    | 0      | 0    | 0    | 0   | 0    | 0   | 0     | 0    |
| 19     | 1                 | 0.4  | 0          | 0    | 0      | 0    | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 20     | 1                 | 0.4  | 0          | 0    | 0      | 0    | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 21     | 8                 | 3.2  | 0          | 0    | 0      | 0    | 0    | 0   | 0    | 0   | 8     | 3.2  |
| 22     | 0                 | 0    | 0          | 0    | 0      | 0    | 0    | 0   | 0    | 0   | 0     | 0    |
| 23     | 1                 | 0.4  | 0          | 0    | 0      | 0    | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 24     | 2                 | 0.8  | 0          | 0    | 0      | 0    | 0    | 0   | 0    | 0   | 2     | 0.8  |
| 25     | 1                 | 0.4  | 0          | 0    | 0      | 0    | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 26     | 1                 | 0.4  | 0          | 0    | 0      | 0    | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 27     | 1                 | 0.4  | 0          | 0    | 0      | 0    | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 28     | 0                 | 0    | 0          | 0    | 0      | 0    | 0    | 0   | 0    | 0   | 0     | 0    |
| 29     | 0                 | 0    | 0          | 0    | 0      | 0    | 0    | 0   | 0    | 0   | 0     | 0    |
| 30     | 3                 | 1.2  | 0          | 0    | 0      | 0    | 0    | 0   | 0    | 0   | 3     | 1.2  |
| Jumlah | 53                | 21.2 | 4          | 4    | 1      | 1    | 0    | 0   | 0    | 0   | 58    | 26.2 |
| Rerata | 1.77              | 0.71 | 0.13       | 0.13 | 0.03   | 0.03 | 0    | 0   | 0    | 0   | 1.93  | 0.87 |

Tabel 6 Data Kendaraan Disiap, Waktu Perjalanan, dan Waktu Tunda

Hari/Tanggal : Selasa, 14 Oktober 2003

Waktu : 08:00 - 10:00

Arah : Timur - Barat

| Trip   | Kendaraan yang disiap |            |          |          |           | Total     | Wkt Perj.<br>(detik) | Wkt Tund.<br>(detik) |
|--------|-----------------------|------------|----------|----------|-----------|-----------|----------------------|----------------------|
|        | Motor                 | Mobil Pen. | Angkot   | Bus      | Truk      |           |                      |                      |
|        | Kend smp              | Kend smp   | Kend smp | Kend smp | Kend smp  | Kend smp  |                      |                      |
| 1      | 2 0.8                 | 0 0        | 2 2      | 0 0      | 0 0       | 4 2.8     | 60.97                | 0                    |
| 2      | 1 0.4                 | 1 1        | 3 3      | 0 0      | 0 0       | 5 4.4     | 65.35                | 0                    |
| 3      | 1 0.4                 | 1 1        | 0 0      | 0 0      | 0 0       | 2 1.4     | 59.34                | 0                    |
| 4      | 2 0.8                 | 0 0        | 2 2      | 0 0      | 0 0       | 4 2.8     | 65.43                | 0                    |
| 5      | 1 0.4                 | 0 0        | 1 1      | 0 0      | 0 0       | 2 1.4     | 84.66                | 5.33                 |
| 6      | 0 0                   | 1 1        | 2 2      | 0 0      | 1 1.3     | 4 4.3     | 77.15                | 1.24                 |
| 7      | 0 0                   | 2 2        | 0 0      | 0 0      | 0 0       | 2 2       | 65.82                | 0                    |
| 8      | 0 0                   | 0 0        | 0 0      | 0 0      | 0 0       | 0 0       | 60.87                | 0                    |
| 9      | 1 0.4                 | 0 0        | 0 0      | 0 0      | 0 0       | 1 0.4     | 76.84                | 2.34                 |
| 10     | 3 1.2                 | 1 1        | 5 5      | 0 0      | 0 0       | 9 7.2     | 71.67                | 0                    |
| 11     | 6 2.4                 | 1 1        | 3 3      | 0 0      | 0 0       | 10 6.4    | 66.27                | 0                    |
| 12     | 4 1.6                 | 1 1        | 2 2      | 0 0      | 0 0       | 7 4.6     | 72.64                | 0                    |
| 13     | 4 1.6                 | 2 2        | 1 1      | 0 0      | 1 1.3     | 8 5.9     | 76.31                | 2.55                 |
| 14     | 1 0.4                 | 0 0        | 0 0      | 0 0      | 0 0       | 1 0.4     | 62.74                | 0                    |
| 15     | 5 2                   | 0 0        | 2 2      | 0 0      | 0 0       | 7 4       | 58.21                | 0                    |
| 16     | 4 1.6                 | 1 1        | 0 0      | 0 0      | 0 0       | 5 2.6     | 66.81                | 0                    |
| 17     | 5 2                   | 1 1        | 2 2      | 0 0      | 0 0       | 8 5       | 59.25                | 0                    |
| 18     | 6 2.4                 | 1 1        | 0 0      | 0 0      | 0 0       | 7 3.4     | 58.16                | 0                    |
| 19     | 7 2.8                 | 0 0        | 3 3      | 0 0      | 0 0       | 10 5.8    | 62.86                | 0                    |
| 20     | 6 2.4                 | 0 0        | 1 1      | 0 0      | 0 0       | 7 3.4     | 60.25                | 0                    |
| 21     | 2 0.8                 | 4 4        | 0 0      | 0 0      | 0 0       | 6 4.8     | 72.48                | 4.77                 |
| 22     | 5 2                   | 0 0        | 0 0      | 0 0      | 0 0       | 5 2       | 76.95                | 3.45                 |
| 23     | 4 1.6                 | 1 1        | 0 0      | 0 0      | 0 0       | 5 2.6     | 67.41                | 0                    |
| 24     | 0 0                   | 1 1        | 2 2      | 0 0      | 0 0       | 3 3       | 81.44                | 2.21                 |
| 25     | 3 1.2                 | 1 1        | 1 1      | 0 0      | 0 0       | 5 3.2     | 71.67                | 0                    |
| 26     | 0 0                   | 0 0        | 0 0      | 0 0      | 1 1.3     | 1 1.3     | 73.79                | 0                    |
| 27     | 0 0                   | 1 1        | 0 0      | 0 0      | 0 0       | 1 1       | 72.86                | 0                    |
| 28     | 0 0                   | 3 3        | 0 0      | 0 0      | 1 1.3     | 4 4.3     | 78.55                | 4.72                 |
| 29     | 1 0.4                 | 2 2        | 1 1      | 0 0      | 0 0       | 4 3.4     | 60.27                | 0                    |
| 30     | 2 0.8                 | 1 1        | 0 0      | 0 0      | 0 0       | 3 1.8     | 66.72                | 0                    |
| Jumlah | 76 30.4               | 27 27      | 33 33    | 0 0      | 4 5.2     | 140 95.6  | 2053.74              | 26.61                |
| Rerata | 2.53 1.01             | 0.9 0.9    | 1.1 1.1  | 0 0      | 0.13 0.17 | 4.67 3.19 | 68.46                | 0.89                 |

Tabel 7 Data Kendaraan Berpapasan

Hari/Tanggal : Selasa, 14 Oktober 2003

Waktu : 11:00 – 13:00

Arah : Barat - Timur

| Trip   | Kendaraan yang berpapasan |       |            |       |        |       |      |     |      |      | Total |        |
|--------|---------------------------|-------|------------|-------|--------|-------|------|-----|------|------|-------|--------|
|        | Motor                     |       | Mobil Pen. |       | Angkot |       | Bus  |     | Truk |      |       |        |
|        | Kend                      | smp   | Kend       | smp   | Kend   | smp   | Kend | smp | Kend | smp  | Kend  | smp    |
| 1      | 11                        | 4.4   | 12         | 12    | 9      | 9     | 0    | 0   | 1    | 1.3  | 33    | 26.7   |
| 2      | 12                        | 4.8   | 12         | 12    | 13     | 13    | 0    | 0   | 2    | 2.6  | 39    | 32.4   |
| 3      | 15                        | 6     | 17         | 17    | 10     | 10    | 0    | 0   | 3    | 3.9  | 45    | 36.9   |
| 4      | 15                        | 6     | 10         | 10    | 9      | 9     | 0    | 0   | 2    | 2.6  | 36    | 27.6   |
| 5      | 14                        | 5.6   | 12         | 12    | 12     | 12    | 0    | 0   | 2    | 2.6  | 40    | 32.2   |
| 6      | 19                        | 7.6   | 15         | 15    | 7      | 7     | 0    | 0   | 2    | 2.6  | 43    | 32.2   |
| 7      | 16                        | 6.4   | 12         | 12    | 11     | 11    | 0    | 0   | 2    | 2.6  | 41    | 32     |
| 8      | 15                        | 6     | 21         | 21    | 7      | 7     | 0    | 0   | 1    | 1.3  | 44    | 35.3   |
| 9      | 16                        | 6.4   | 16         | 16    | 10     | 10    | 0    | 0   | 0    | 0    | 42    | 32.4   |
| 10     | 26                        | 10.4  | 10         | 10    | 13     | 13    | 0    | 0   | 0    | 0    | 49    | 33.4   |
| 11     | 19                        | 7.6   | 11         | 11    | 10     | 10    | 0    | 0   | 3    | 3.9  | 43    | 32.5   |
| 12     | 9                         | 3.6   | 11         | 11    | 9      | 9     | 0    | 0   | 1    | 1.3  | 30    | 24.9   |
| 13     | 10                        | 4     | 12         | 12    | 17     | 17    | 0    | 0   | 0    | 0    | 39    | 33     |
| 14     | 24                        | 9.6   | 15         | 15    | 11     | 11    | 0    | 0   | 0    | 0    | 50    | 35.6   |
| 15     | 19                        | 7.6   | 14         | 14    | 9      | 9     | 0    | 0   | 2    | 2.6  | 44    | 33.2   |
| 16     | 14                        | 5.6   | 15         | 15    | 13     | 13    | 0    | 0   | 1    | 1.3  | 43    | 34.9   |
| 17     | 23                        | 9.2   | 16         | 16    | 12     | 12    | 0    | 0   | 0    | 0    | 51    | 37.2   |
| 18     | 12                        | 4.8   | 15         | 15    | 15     | 15    | 0    | 0   | 3    | 3.9  | 45    | 38.7   |
| 19     | 11                        | 4.4   | 15         | 15    | 17     | 17    | 0    | 0   | 0    | 0    | 43    | 36.4   |
| 20     | 17                        | 6.8   | 12         | 12    | 18     | 18    | 0    | 0   | 0    | 0    | 47    | 36.8   |
| 21     | 11                        | 4.4   | 12         | 12    | 13     | 13    | 0    | 0   | 2    | 2.6  | 38    | 32     |
| 22     | 15                        | 6     | 18         | 18    | 18     | 18    | 0    | 0   | 1    | 1.3  | 52    | 43.3   |
| 23     | 12                        | 4.8   | 21         | 21    | 5      | 5     | 0    | 0   | 0    | 0    | 38    | 30.8   |
| 24     | 21                        | 8.4   | 23         | 23    | 14     | 14    | 0    | 0   | 2    | 2.6  | 60    | 48     |
| 25     | 20                        | 8     | 16         | 16    | 13     | 13    | 0    | 0   | 0    | 0    | 49    | 37     |
| 26     | 26                        | 10.4  | 15         | 15    | 7      | 7     | 0    | 0   | 1    | 1.3  | 49    | 33.7   |
| 27     | 18                        | 7.2   | 10         | 10    | 9      | 9     | 0    | 0   | 0    | 0    | 37    | 26.2   |
| 28     | 16                        | 6.4   | 18         | 18    | 11     | 11    | 0    | 0   | 1    | 1.3  | 46    | 36.7   |
| 29     | 22                        | 8.8   | 17         | 17    | 6      | 6     | 0    | 0   | 1    | 1.3  | 46    | 33.1   |
| 30     | 21                        | 8.4   | 18         | 18    | 5      | 5     | 0    | 0   | 2    | 2.6  | 46    | 34     |
| Jumlah | 499                       | 199.6 | 441        | 441   | 333    | 333   | 0    | 0   | 35   | 45.5 | 1308  | 1019.1 |
| Rerata | 16.63                     | 6.65  | 14.70      | 14.70 | 11.10  | 11.10 | 0    | 0   | 1.17 | 1.52 | 43.60 | 33.97  |

Tabel 8 Data Kendaraan Menyiap

Hari/Tanggal : Selasa, 14 Oktober 2003

Waktu : 11:00 – 13:00

Arah : Barat - Timur

| Trip   | Kendaraan yang menyiap |      |            |     |        |      |      |     |      |     | Total |      |
|--------|------------------------|------|------------|-----|--------|------|------|-----|------|-----|-------|------|
|        | Motor                  |      | Mobil Pen. |     | Angkot |      | Bus  |     | Truk |     |       |      |
|        | Kend                   | smp  | Kend       | smp | Kend   | smp  | Kend | smp | Kend | smp | Kend  | smp  |
| 1      | 4                      | 1.6  | 1          | 1   | 0      | 0    | 0    | 0   | 0    | 0   | 5     | 2.6  |
| 2      | 2                      | 0.8  | 1          | 1   | 0      | 0    | 0    | 0   | 0    | 0   | 3     | 1.8  |
| 3      | 1                      | 0.4  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 4      | 0                      | 0    | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 0     | 0    |
| 5      | 1                      | 0.4  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 6      | 0                      | 0    | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 0     | 0    |
| 7      | 1                      | 0.4  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 8      | 6                      | 2.4  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 6     | 2.4  |
| 9      | 1                      | 0.4  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 10     | 2                      | 0.8  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 2     | 0.8  |
| 11     | 0                      | 0    | 0          | 0   | 1      | 1    | 0    | 0   | 0    | 0   | 1     | 1    |
| 12     | 0                      | 0    | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 0     | 0    |
| 13     | 1                      | 0.4  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 14     | 2                      | 0.8  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 2     | 0.8  |
| 15     | 0                      | 0    | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 0     | 0    |
| 16     | 7                      | 2.8  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 7     | 2.8  |
| 17     | 3                      | 1.2  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 3     | 1.2  |
| 18     | 0                      | 0    | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 0     | 0    |
| 19     | 3                      | 1.2  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 3     | 1.2  |
| 20     | 2                      | 0.8  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 2     | 0.8  |
| 21     | 7                      | 2.8  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 7     | 2.8  |
| 22     | 4                      | 1.6  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 4     | 1.6  |
| 23     | 9                      | 3.6  | 1          | 1   | 0      | 0    | 0    | 0   | 0    | 0   | 10    | 4.6  |
| 24     | 0                      | 0    | 0          | 0   | 1      | 1    | 0    | 0   | 0    | 0   | 1     | 1    |
| 25     | 4                      | 1.6  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 4     | 1.6  |
| 26     | 0                      | 0    | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 0     | 0    |
| 27     | 3                      | 1.2  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 3     | 1.2  |
| 28     | 2                      | 0.8  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 2     | 0.8  |
| 29     | 0                      | 0    | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 0     | 0    |
| 30     | 1                      | 0.4  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 1     | 0.4  |
| Jumlah | 66                     | 26.4 | 3          | 3   | 2      | 2    | 0    | 0   | 0    | 0   | 71    | 31.4 |
| Rerata | 2.2                    | 0.88 | 0.1        | 0.1 | 0.07   | 0.07 | 0    | 0   | 0    | 0   | 2.37  | 1.05 |



Tabel 9 Data Kendaraan Disiap, Waktu Perjalanan, dan Waktu Tunda

Hari/Tanggal : Selasa, 14 Oktober 2003

Waktu : 11:00 - 13:00

Arah : Barat - Timur

| Trip   | Kendaraan yang disiap |            |          |          |           | Total     | Wkt Perj.<br>(detik) | Wkt Tund.<br>(detik) |
|--------|-----------------------|------------|----------|----------|-----------|-----------|----------------------|----------------------|
|        | Motor                 | Mobil Pen. | Angkot   | Bus      | Truk      |           |                      |                      |
|        | Kend smp              | Kend smp   | Kend smp | Kend smp | Kend smp  | Kend smp  |                      |                      |
| 1      | 2 0.8                 | 1 1        | 3 3      | 0 0      | 0 0       | 6 4.8     | 72.03                | 0                    |
| 2      | 1 0.4                 | 3 3        | 4 4      | 0 0      | 0 0       | 8 7.4     | 80.52                | 0                    |
| 3      | 1 0.4                 | 3 3        | 0 0      | 0 0      | 0 0       | 4 3.4     | 70.26                | 2.06                 |
| 4      | 3 1.2                 | 3 3        | 2 2      | 0 0      | 0 0       | 8 6.2     | 73.25                | 0                    |
| 5      | 4 1.6                 | 2 2        | 3 3      | 0 0      | 0 0       | 9 6.6     | 69.32                | 0                    |
| 6      | 1 0.4                 | 2 2        | 1 1      | 0 0      | 0 0       | 4 3.4     | 68.48                | 0                    |
| 7      | 1 0.4                 | 1 1        | 2 2      | 0 0      | 0 0       | 4 3.4     | 66.37                | 0                    |
| 8      | 6 2.4                 | 2 2        | 6 6      | 0 0      | 0 0       | 14 10.4   | 70.63                | 0                    |
| 9      | 1 0.4                 | 1 1        | 1 1      | 0 0      | 0 0       | 3 2.4     | 76.13                | 0                    |
| 10     | 1 0.4                 | 0 0        | 3 3      | 0 0      | 0 0       | 4 3.4     | 69.31                | 0                    |
| 11     | 0 0                   | 0 0        | 0 0      | 0 0      | 0 0       | 0 0       | 71.25                | 1.44                 |
| 12     | 1 0.4                 | 0 0        | 0 0      | 0 0      | 0 0       | 1 0.4     | 66.41                | 0                    |
| 13     | 0 0                   | 1 1        | 2 2      | 0 0      | 0 0       | 3 3       | 69.88                | 0                    |
| 14     | 0 0                   | 1 1        | 1 1      | 0 0      | 0 0       | 2 2       | 65.45                | 0                    |
| 15     | 3 1.2                 | 2 2        | 5 5      | 0 0      | 0 0       | 10 8.2    | 61.78                | 0                    |
| 16     | 0 0                   | 1 1        | 0 0      | 0 0      | 0 0       | 1 1       | 71.22                | 0                    |
| 17     | 0 0                   | 1 1        | 0 0      | 0 0      | 0 0       | 1 1       | 68.45                | 0                    |
| 18     | 0 0                   | 1 1        | 0 0      | 0 0      | 0 0       | 1 1       | 77.27                | 0                    |
| 19     | 5 2                   | 1 1        | 3 3      | 0 0      | 0 0       | 9 6       | 86.29                | 0                    |
| 20     | 4 1.6                 | 2 2        | 2 2      | 0 0      | 0 0       | 8 5.6     | 80.76                | 0                    |
| 21     | 0 0                   | 1 1        | 1 1      | 0 0      | 0 0       | 2 2       | 85.24                | 2.22                 |
| 22     | 0 0                   | 2 2        | 1 1      | 0 0      | 1 1.3     | 4 4.3     | 91.58                | 5.53                 |
| 23     | 1 0.4                 | 0 0        | 3 3      | 0 0      | 0 0       | 4 3.4     | 94.33                | 4.96                 |
| 24     | 1 0.4                 | 0 0        | 0 0      | 0 0      | 0 0       | 1 0.4     | 76.15                | 0                    |
| 25     | 2 0.8                 | 0 0        | 0 0      | 0 0      | 0 0       | 2 0.8     | 69.51                | 0                    |
| 26     | 1 0.4                 | 1 1        | 2 2      | 0 0      | 0 0       | 4 3.4     | 75.42                | 0                    |
| 27     | 0 0                   | 0 0        | 3 3      | 0 0      | 0 0       | 3 3       | 68.36                | 0                    |
| 28     | 0 0                   | 0 0        | 5 5      | 0 0      | 0 0       | 5 5       | 68.58                | 0                    |
| 29     | 0 0                   | 0 0        | 0 0      | 0 0      | 1 1.3     | 1 1.3     | 65.81                | 0                    |
| 30     | 2 0.8                 | 0 0        | 1 1      | 0 0      | 0 0       | 3 1.8     | 73.58                | 0                    |
| Jumlah | 41 16.4               | 32 32      | 54 54    | 0 0      | 2 2.6     | 129 105   | 2203.62              | 16.21                |
| Rerata | 1.37 0.55             | 1.07 1.07  | 1.8 1.8  | 0 0      | 0.07 0.09 | 4.30 3.50 | 73.45                | 0.54                 |

Tabel 10 Data Kendaraan Berpapasan

Hari/Tanggal : Selasa, 14 Oktober 2003

Waktu : 11:00 – 13:00

Arah : Timur - Barat

| Trip   | Kendaraan yang berpapasan |       |            |       |        |      |      |      |      |      | Total |        |
|--------|---------------------------|-------|------------|-------|--------|------|------|------|------|------|-------|--------|
|        | Motor                     |       | Mobil Pen. |       | Angkot |      | Bus  |      | Truk |      |       |        |
|        | Kend                      | smp   | Kend       | smp   | Kend   | smp  | Kend | smp  | Kend | smp  | Kend  | smp    |
| 1      | 19                        | 7.6   | 15         | 15    | 2      | 2    | 0    | 0    | 1    | 1.3  | 37    | 25.9   |
| 2      | 23                        | 9.2   | 25         | 25    | 5      | 5    | 0    | 0    | 3    | 3.9  | 56    | 43.1   |
| 3      | 21                        | 8.4   | 34         | 34    | 4      | 4    | 0    | 0    | 3    | 3.9  | 62    | 50.3   |
| 4      | 17                        | 6.8   | 24         | 24    | 3      | 3    | 0    | 0    | 2    | 2.6  | 46    | 36.4   |
| 5      | 17                        | 6.8   | 16         | 16    | 5      | 5    | 0    | 0    | 1    | 1.3  | 39    | 29.1   |
| 6      | 19                        | 7.6   | 22         | 22    | 5      | 5    | 0    | 0    | 2    | 2.6  | 48    | 37.2   |
| 7      | 24                        | 9.6   | 18         | 18    | 3      | 3    | 0    | 0    | 3    | 3.9  | 48    | 34.5   |
| 8      | 14                        | 5.6   | 27         | 27    | 6      | 6    | 0    | 0    | 3    | 3.9  | 50    | 42.5   |
| 9      | 16                        | 6.4   | 34         | 34    | 3      | 3    | 0    | 0    | 3    | 3.9  | 56    | 47.3   |
| 10     | 25                        | 10    | 21         | 21    | 6      | 6    | 0    | 0    | 2    | 2.6  | 54    | 39.6   |
| 11     | 21                        | 8.4   | 18         | 18    | 3      | 3    | 0    | 0    | 1    | 1.3  | 43    | 30.7   |
| 12     | 10                        | 4     | 19         | 19    | 7      | 7    | 0    | 0    | 4    | 5.2  | 40    | 35.2   |
| 13     | 23                        | 9.2   | 18         | 18    | 4      | 4    | 0    | 0    | 3    | 3.9  | 48    | 35.1   |
| 14     | 18                        | 7.2   | 25         | 25    | 9      | 9    | 0    | 0    | 2    | 2.6  | 54    | 43.8   |
| 15     | 22                        | 8.8   | 29         | 29    | 7      | 7    | 0    | 0    | 1    | 1.3  | 59    | 46.1   |
| 16     | 26                        | 10.4  | 33         | 33    | 3      | 3    | 0    | 0    | 2    | 2.6  | 64    | 49     |
| 17     | 21                        | 8.4   | 31         | 31    | 1      | 1    | 0    | 0    | 3    | 3.9  | 56    | 44.3   |
| 18     | 12                        | 4.8   | 27         | 27    | 6      | 6    | 0    | 0    | 1    | 1.3  | 46    | 39.1   |
| 19     | 13                        | 5.2   | 32         | 32    | 4      | 4    | 0    | 0    | 1    | 1.3  | 50    | 42.5   |
| 20     | 12                        | 4.8   | 39         | 39    | 3      | 3    | 0    | 0    | 1    | 1.3  | 55    | 48.1   |
| 21     | 19                        | 7.6   | 24         | 24    | 5      | 5    | 0    | 0    | 2    | 2.6  | 50    | 39.2   |
| 22     | 18                        | 7.2   | 19         | 19    | 1      | 1    | 0    | 0    | 1    | 1.3  | 39    | 28.5   |
| 23     | 21                        | 8.4   | 25         | 25    | 3      | 3    | 0    | 0    | 0    | 0    | 49    | 36.4   |
| 24     | 14                        | 5.6   | 27         | 27    | 4      | 4    | 0    | 0    | 0    | 0    | 45    | 36.6   |
| 25     | 19                        | 7.6   | 25         | 25    | 5      | 5    | 0    | 0    | 0    | 0    | 49    | 37.6   |
| 26     | 25                        | 10    | 28         | 28    | 2      | 2    | 0    | 0    | 0    | 0    | 55    | 40     |
| 27     | 20                        | 8     | 26         | 26    | 2      | 2    | 0    | 0    | 1    | 1.3  | 49    | 37.3   |
| 28     | 25                        | 10    | 29         | 29    | 6      | 6    | 0    | 0    | 1    | 1.3  | 61    | 46.3   |
| 29     | 24                        | 9.6   | 32         | 32    | 3      | 3    | 0    | 0    | 2    | 2.6  | 61    | 47.2   |
| 30     | 16                        | 6.4   | 21         | 21    | 5      | 5    | 0    | 0    | 2    | 2.6  | 44    | 35     |
| Jumlah | 574                       | 229.6 | 763        | 763   | 125    | 125  | 0    | 0    | 51   | 66.3 | 1513  | 1183.9 |
| Rerata | 19.13                     | 7.65  | 25.43      | 25.43 | 4.17   | 4.17 | 0.00 | 0.00 | 1.70 | 2.21 | 50.43 | 39.46  |

Tabel 11 Data Kendaraan Menyiap

Hari/Tanggal : Selasa, 14 Oktober 2003

Waktu : 11:00 – 13:00

Arah : Timur - Barat

| Trip   | Kendaraan yang menyiap |            |          |          |          | Total    |           |
|--------|------------------------|------------|----------|----------|----------|----------|-----------|
|        | Motor                  | Mobil Pen. | Angkot   | Bus      | Truk     |          |           |
|        | Kend smp               | Kend smp   | Kend smp | Kend smp | Kend smp | Kend smp |           |
| 1      | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 0 0       |
| 2      | 0 0                    | 1 1        | 0 0      | 0 0      | 0 0      | 0 0      | 1 1       |
| 3      | 1 0.4                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 1 0.4     |
| 4      | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 0 0       |
| 5      | 1 0.4                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 1 0.4     |
| 6      | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 0 0       |
| 7      | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 0 0       |
| 8      | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 0 0       |
| 9      | 2 0.8                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 2 0.8     |
| 10     | 1 0.4                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 1 0.4     |
| 11     | 1 0.4                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 1 0.4     |
| 12     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 0 0       |
| 13     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 0 0       |
| 14     | 1 0.4                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 1 0.4     |
| 15     | 3 1.2                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 3 1.2     |
| 16     | 1 0.4                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 1 0.4     |
| 17     | 1 0.4                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 1 0.4     |
| 18     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 0 0       |
| 19     | 2 0.8                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 2 0.8     |
| 20     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 0 0       |
| 21     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 0 0       |
| 22     | 1 0.4                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 1 0.4     |
| 23     | 2 0.8                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 2 0.8     |
| 24     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 0 0       |
| 25     | 2 0.8                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 2 0.8     |
| 26     | 3 1.2                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 3 1.2     |
| 27     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 0 0       |
| 28     | 3 1.2                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 3 1.2     |
| 29     | 3 1.2                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 3 1.2     |
| 30     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 0 0       |
| Jumlah | 28 11.2                | 1 1        | 0 0      | 0 0      | 0 0      | 0 0      | 29 12.2   |
| Rerata | 0.93 0.37              | 0.03 0.03  | 0 0      | 0 0      | 0 0      | 0 0      | 0.97 0.41 |

Tabel 12 Data Kendaraan Disiap, Waktu Perjalanan, dan Waktu Tunda

Hari/Tanggal : Selasa, 14 Oktober 2003

Waktu : 11:00 - 13:00

Arah : Timur - Barat

| Trip   | Kendaraan yang disiap |            |           |          |          | Total     | Wkt Perj.<br>(detik) | Wkt Tund.<br>(detik) |
|--------|-----------------------|------------|-----------|----------|----------|-----------|----------------------|----------------------|
|        | Motor                 | Mobil Pen. | Angkot    | Bus      | Truk     |           |                      |                      |
|        | Kend smp              | Kend smp   | Kend smp  | Kend smp | Kend smp | Kend smp  |                      |                      |
| 1      | 0 0                   | 0 0        | 3 3       | 0 0      | 0 0      | 3 3       | 65.37                | 0                    |
| 2      | 1 0.4                 | 1 1        | 4 4       | 0 0      | 0 0      | 6 5.4     | 81.72                | 2.88                 |
| 3      | 3 1.2                 | 0 0        | 0 0       | 0 0      | 0 0      | 3 1.2     | 77.57                | 0                    |
| 4      | 5 2                   | 0 0        | 2 2       | 0 0      | 0 0      | 7 4       | 69.5                 | 0                    |
| 5      | 4 1.6                 | 1 1        | 1 1       | 0 0      | 0 0      | 6 3.6     | 76.55                | 3.21                 |
| 6      | 5 2                   | 2 2        | 4 4       | 0 0      | 0 0      | 11 8      | 76.21                | 0                    |
| 7      | 0 0                   | 0 0        | 2 2       | 0 0      | 0 0      | 2 2       | 81.2                 | 0                    |
| 8      | 0 0                   | 0 0        | 1 1       | 0 0      | 0 0      | 1 1       | 64.42                | 0                    |
| 9      | 2 0.8                 | 0 0        | 3 3       | 0 0      | 0 0      | 5 3.8     | 76.62                | 0                    |
| 10     | 3 1.2                 | 0 0        | 0 0       | 0 0      | 0 0      | 3 1.2     | 64.98                | 0                    |
| 11     | 0 0                   | 0 0        | 1 1       | 0 0      | 0 0      | 1 1       | 61.58                | 0                    |
| 12     | 0 0                   | 0 0        | 3 3       | 0 0      | 0 0      | 3 3       | 69.46                | 0                    |
| 13     | 0 0                   | 1 1        | 1 1       | 0 0      | 0 0      | 2 2       | 76.85                | 0                    |
| 14     | 2 0.8                 | 0 0        | 3 3       | 0 0      | 1 1.3    | 6 5.1     | 77.45                | 0                    |
| 15     | 5 2                   | 2 2        | 0 0       | 0 0      | 0 0      | 7 4       | 72.53                | 0                    |
| 16     | 1 0.4                 | 0 0        | 1 1       | 0 0      | 0 0      | 2 1.4     | 64.65                | 0                    |
| 17     | 1 0.4                 | 0 0        | 1 1       | 0 0      | 0 0      | 2 1.4     | 61.44                | 0                    |
| 18     | 0 0                   | 0 0        | 0 0       | 0 0      | 1 1.3    | 1 1.3     | 68.68                | 0                    |
| 19     | 0 0                   | 0 0        | 1 1       | 0 0      | 0 0      | 1 1       | 82.33                | 3.82                 |
| 20     | 1 0.4                 | 0 0        | 0 0       | 0 0      | 0 0      | 1 0.4     | 73.57                | 0                    |
| 21     | 2 0.8                 | 0 0        | 0 0       | 0 0      | 0 0      | 2 0.8     | 80.2                 | 0                    |
| 22     | 0 0                   | 0 0        | 1 1       | 0 0      | 0 0      | 1 1       | 78.72                | 0                    |
| 23     | 2 0.8                 | 1 1        | 0 0       | 0 0      | 0 0      | 3 1.8     | 62.06                | 0                    |
| 24     | 0 0                   | 0 0        | 3 3       | 0 0      | 0 0      | 3 3       | 66.74                | 0                    |
| 25     | 0 0                   | 0 0        | 1 1       | 0 0      | 0 0      | 1 1       | 81.58                | 0                    |
| 26     | 4 1.6                 | 1 1        | 0 0       | 0 0      | 0 0      | 5 2.6     | 74.54                | 0                    |
| 27     | 4 1.6                 | 0 0        | 4 4       | 0 0      | 0 0      | 8 5.6     | 66.94                | 0                    |
| 28     | 3 1.2                 | 0 0        | 1 1       | 0 0      | 0 0      | 4 2.2     | 72.37                | 0                    |
| 29     | 1 0.4                 | 1 1        | 2 2       | 0 0      | 1 1.3    | 5 4.7     | 76.14                | 1.33                 |
| 30     | 0 0                   | 0 0        | 1 1       | 0 0      | 0 0      | 1 1       | 68.75                | 0                    |
| Jumlah | 49 19.6               | 10 10      | 44 44     | 0 0      | 3 3.9    | 106 77.5  | 2170.72              | 11.24                |
| Rerata | 1.63 0.65             | 0.33 0.33  | 1.47 1.47 | 0 0      | 0.1 0.13 | 3.53 2.58 | 72.36                | 0.37                 |

Tabel 13 Data Kendaraan Berpapasan

Hari/Tanggal : Selasa, 14 Oktober 2003

Waktu : 15:00 – 17:00

Arah : Barat - Timur

| Trip   | Kendaraan yang berpapasan |       |            |       |        |      |      |     |      |      | Total |        |
|--------|---------------------------|-------|------------|-------|--------|------|------|-----|------|------|-------|--------|
|        | Motor                     |       | Mobil Pen. |       | Angkot |      | Bus  |     | Truk |      |       |        |
|        | Kend                      | smp   | Kend       | smp   | Kend   | smp  | Kend | smp | Kend | smp  | Kend  | smp    |
| 1      | 16                        | 6.4   | 19         | 19    | 7      | 7    | 0    | 0   | 1    | 1.3  | 43    | 33.7   |
| 2      | 17                        | 6.8   | 23         | 23    | 12     | 12   | 0    | 0   | 0    | 0    | 52    | 41.8   |
| 3      | 24                        | 9.6   | 21         | 21    | 12     | 12   | 0    | 0   | 0    | 0    | 57    | 42.6   |
| 4      | 27                        | 10.8  | 18         | 18    | 10     | 10   | 0    | 0   | 0    | 0    | 55    | 38.8   |
| 5      | 31                        | 12.4  | 19         | 19    | 12     | 12   | 0    | 0   | 0    | 0    | 62    | 43.4   |
| 6      | 18                        | 7.2   | 27         | 27    | 8      | 8    | 0    | 0   | 3    | 3.9  | 56    | 46.1   |
| 7      | 16                        | 6.4   | 17         | 17    | 9      | 9    | 0    | 0   | 0    | 0    | 42    | 32.4   |
| 8      | 25                        | 10    | 26         | 26    | 11     | 11   | 0    | 0   | 0    | 0    | 62    | 47     |
| 9      | 24                        | 9.6   | 21         | 21    | 10     | 10   | 0    | 0   | 1    | 1.3  | 56    | 41.9   |
| 10     | 25                        | 10    | 22         | 22    | 9      | 9    | 0    | 0   | 0    | 0    | 56    | 41     |
| 11     | 17                        | 6.8   | 17         | 17    | 10     | 10   | 0    | 0   | 2    | 2.6  | 46    | 36.4   |
| 12     | 34                        | 13.6  | 25         | 25    | 6      | 6    | 0    | 0   | 0    | 0    | 65    | 44.6   |
| 13     | 28                        | 11.2  | 29         | 29    | 7      | 7    | 0    | 0   | 2    | 2.6  | 66    | 49.8   |
| 14     | 16                        | 6.4   | 24         | 24    | 9      | 9    | 0    | 0   | 0    | 0    | 49    | 39.4   |
| 15     | 23                        | 9.2   | 17         | 17    | 13     | 13   | 0    | 0   | 0    | 0    | 53    | 39.2   |
| 16     | 25                        | 10    | 14         | 14    | 8      | 8    | 0    | 0   | 0    | 0    | 47    | 32     |
| 17     | 28                        | 11.2  | 10         | 10    | 8      | 8    | 0    | 0   | 0    | 0    | 46    | 29.2   |
| 18     | 16                        | 6.4   | 15         | 15    | 9      | 9    | 0    | 0   | 0    | 0    | 40    | 30.4   |
| 19     | 31                        | 12.4  | 14         | 14    | 9      | 9    | 0    | 0   | 2    | 2.6  | 56    | 38     |
| 20     | 29                        | 11.6  | 21         | 21    | 14     | 14   | 0    | 0   | 0    | 0    | 64    | 46.6   |
| 21     | 21                        | 8.4   | 26         | 26    | 13     | 13   | 0    | 0   | 2    | 2.6  | 62    | 50     |
| 22     | 23                        | 9.2   | 24         | 24    | 12     | 12   | 0    | 0   | 1    | 1.3  | 60    | 46.5   |
| 23     | 19                        | 7.6   | 24         | 24    | 11     | 11   | 0    | 0   | 0    | 0    | 54    | 42.6   |
| 24     | 27                        | 10.8  | 23         | 23    | 6      | 6    | 0    | 0   | 0    | 0    | 56    | 39.8   |
| 25     | 19                        | 7.6   | 31         | 31    | 5      | 5    | 0    | 0   | 0    | 0    | 55    | 43.6   |
| 26     | 22                        | 8.8   | 22         | 22    | 8      | 8    | 0    | 0   | 2    | 2.6  | 54    | 41.4   |
| 27     | 26                        | 10.4  | 23         | 23    | 9      | 9    | 0    | 0   | 1    | 1.3  | 59    | 43.7   |
| 28     | 28                        | 11.2  | 24         | 24    | 13     | 13   | 0    | 0   | 1    | 1.3  | 66    | 49.5   |
| 29     | 28                        | 11.2  | 26         | 26    | 11     | 11   | 0    | 0   | 0    | 0    | 65    | 48.2   |
| 30     | 21                        | 8.4   | 19         | 19    | 14     | 14   | 0    | 0   | 1    | 1.3  | 55    | 42.7   |
| Jumlah | 704                       | 281.6 | 641        | 641   | 295    | 295  | 0    | 0   | 19   | 24.7 | 1659  | 1242.3 |
| Rerata | 23.47                     | 9.39  | 21.37      | 21.37 | 9.83   | 9.83 | 0    | 0   | 0.63 | 0.82 | 55.30 | 41.41  |

Tabel 14 Data Kendaraan Menyiap

Hari/Tanggal : Selasa, 14 Oktober 2003

Waktu : 15:00 – 17:00

Arah : Barat - Timur

| Trip   | Kendaraan yang menyiap |            |          |          |          | Total    |          |
|--------|------------------------|------------|----------|----------|----------|----------|----------|
|        | Motor                  | Mobil Pen. | Angkot   | Bus      | Truk     |          |          |
|        | Kend smp               | Kend smp   | Kend smp | Kend smp | Kend smp | Kend smp |          |
| 1      | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 0 0      |
| 2      | 3 1.2                  | 1 1        | 0 0      | 0 0      | 0 0      | 4 2.2    | 4 2.2    |
| 3      | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 0 0      |
| 4      | 3 1.2                  | 2 2        | 0 0      | 0 0      | 0 0      | 5 3.2    | 5 3.2    |
| 5      | 1 0.4                  | 0 0        | 0 0      | 0 0      | 0 0      | 1 0.4    | 1 0.4    |
| 6      | 1 0.4                  | 0 0        | 0 0      | 0 0      | 0 0      | 1 0.4    | 1 0.4    |
| 7      | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 0 0      |
| 8      | 1 0.4                  | 1 1        | 0 0      | 0 0      | 0 0      | 2 1.4    | 2 1.4    |
| 9      | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 0 0      |
| 10     | 3 1.2                  | 0 0        | 0 0      | 0 0      | 0 0      | 3 1.2    | 3 1.2    |
| 11     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 0 0      |
| 12     | 0 0                    | 1 1        | 0 0      | 0 0      | 0 0      | 1 1      | 1 1      |
| 13     | 0 0                    | 1 1        | 0 0      | 0 0      | 0 0      | 1 1      | 1 1      |
| 14     | 2 0.8                  | 0 0        | 0 0      | 0 0      | 0 0      | 2 0.8    | 2 0.8    |
| 15     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      | 0 0      |
| 16     | 1 0.4                  | 0 0        | 0 0      | 0 0      | 0 0      | 1 0.4    | 1 0.4    |
| 17     | 7 2.8                  | 0 0        | 0 0      | 0 0      | 0 0      | 7 2.8    | 7 2.8    |
| 18     | 3 1.2                  | 0 0        | 0 0      | 0 0      | 0 0      | 3 1.2    | 3 1.2    |
| 19     | 3 1.2                  | 1 1        | 0 0      | 0 0      | 0 0      | 4 2.2    | 4 2.2    |
| 20     | 4 1.6                  | 0 0        | 0 0      | 0 0      | 0 0      | 4 1.6    | 4 1.6    |
| 21     | 1 0.4                  | 0 0        | 0 0      | 0 0      | 0 0      | 1 0.4    | 1 0.4    |
| 22     | 4 1.6                  | 1 1        | 0 0      | 0 0      | 0 0      | 5 2.6    | 5 2.6    |
| 23     | 8 3.2                  | 1 1        | 0 0      | 0 0      | 0 0      | 9 4.2    | 9 4.2    |
| 24     | 7 2.8                  | 1 1        | 0 0      | 0 0      | 0 0      | 8 3.8    | 8 3.8    |
| 25     | 4 1.6                  | 0 0        | 0 0      | 0 0      | 0 0      | 4 1.6    | 4 1.6    |
| 26     | 4 1.6                  | 0 0        | 0 0      | 0 0      | 0 0      | 4 1.6    | 4 1.6    |
| 27     | 5 2                    | 0 0        | 0 0      | 0 0      | 0 0      | 5 2      | 5 2      |
| 28     | 7 2.8                  | 0 0        | 0 0      | 0 0      | 0 0      | 7 2.8    | 7 2.8    |
| 29     | 6 2.4                  | 0 0        | 0 0      | 0 0      | 0 0      | 6 2.4    | 6 2.4    |
| 30     | 5 2                    | 0 0        | 0 0      | 0 0      | 0 0      | 5 2      | 5 2      |
| Jumlah | 83 33.2                | 10 10      | 0 0      | 0 0      | 0 0      | 93 43.2  | 93 43.2  |
| Rerata | 2.77 1.11              | 0.33 0.33  | 0 0      | 0 0      | 0 0      | 3.1 1.44 | 3.1 1.44 |

Tabel 15 Data Kendaraan Disiap, Waktu Perjalanan, dan Waktu Tunda

Hari/Tanggal : Selasa, 14 Oktober 2003

Waktu : 15:00 – 17:00

Arah : Barat - Timur

| Trip   | Kendaraan yang disiap |            |           |          |           | Total     | Wkt Perj. | Wkt Tund. |
|--------|-----------------------|------------|-----------|----------|-----------|-----------|-----------|-----------|
|        | Motor                 | Mobil Pen. | Angkot    | Bus      | Truk      |           |           |           |
|        | Kend smp              | Kend smp   | Kend smp  | Kend smp | Kend smp  | Kend smp  | (detik)   | (detik)   |
| 1      | 4 1.6                 | 0 0        | 3 3       | 0 0      | 0 0       | 7 4.6     | 62.15     | 0         |
| 2      | 1 0.4                 | 0 0        | 1 1       | 0 0      | 0 0       | 2 1.4     | 60.64     | 0         |
| 3      | 2 0.8                 | 0 0        | 2 2       | 0 0      | 0 0       | 4 2.8     | 62.24     | 0         |
| 4      | 0 0                   | 1 1        | 1 1       | 0 0      | 0 0       | 2 2       | 67.33     | 0         |
| 5      | 2 0.8                 | 0 0        | 0 0       | 0 0      | 0 0       | 2 0.8     | 59.25     | 0         |
| 6      | 4 1.6                 | 0 0        | 0 0       | 0 0      | 0 0       | 4 1.6     | 58.11     | 0         |
| 7      | 4 1.6                 | 0 0        | 3 3       | 0 0      | 0 0       | 7 4.6     | 66.52     | 0         |
| 8      | 2 0.8                 | 0 0        | 3 3       | 0 0      | 1 1.3     | 6 5.1     | 64.84     | 0         |
| 9      | 5 2                   | 0 0        | 2 2       | 0 0      | 0 0       | 7 4       | 70.77     | 0         |
| 10     | 3 1.2                 | 1 1        | 1 1       | 0 0      | 0 0       | 5 3.2     | 68.43     | 0         |
| 11     | 0 0                   | 0 0        | 2 2       | 0 0      | 0 0       | 2 2       | 59.49     | 0         |
| 12     | 1 0.4                 | 0 0        | 0 0       | 0 0      | 0 0       | 1 0.4     | 72.48     | 0         |
| 13     | 0 0                   | 2 2        | 3 3       | 0 0      | 0 0       | 5 5       | 76.57     | 0         |
| 14     | 0 0                   | 2 2        | 2 2       | 0 0      | 0 0       | 4 4       | 73.22     | 0         |
| 15     | 3 1.2                 | 0 0        | 1 1       | 0 0      | 0 0       | 4 2.2     | 71.12     | 0         |
| 16     | 4 1.6                 | 0 0        | 0 0       | 0 0      | 0 0       | 4 1.6     | 83.31     | 3.78      |
| 17     | 0 0                   | 1 1        | 0 0       | 0 0      | 1 1.3     | 2 2.3     | 69.44     | 0         |
| 18     | 0 0                   | 0 0        | 4 4       | 0 0      | 0 0       | 4 4       | 86.27     | 2.66      |
| 19     | 2 0.8                 | 3 3        | 2 2       | 0 0      | 0 0       | 7 5.8     | 74.88     | 0         |
| 20     | 0 0                   | 3 3        | 0 0       | 0 0      | 0 0       | 3 3       | 81.17     | 0         |
| 21     | 3 1.2                 | 1 1        | 0 0       | 0 0      | 0 0       | 4 2.2     | 80.18     | 0         |
| 22     | 0 0                   | 0 0        | 2 2       | 0 0      | 0 0       | 2 2       | 75.25     | 0         |
| 23     | 0 0                   | 0 0        | 3 3       | 0 0      | 0 0       | 3 3       | 84.92     | 0         |
| 24     | 0 0                   | 0 0        | 1 1       | 0 0      | 0 0       | 1 1       | 96.26     | 2.45      |
| 25     | 1 0.4                 | 0 0        | 1 1       | 0 0      | 0 0       | 2 1.4     | 75.55     | 0         |
| 26     | 0 0                   | 0 0        | 0 0       | 0 0      | 0 0       | 0 0       | 91.12     | 3.29      |
| 27     | 0 0                   | 1 1        | 0 0       | 0 0      | 0 0       | 1 1       | 87.67     | 4.83      |
| 28     | 0 0                   | 0 0        | 0 0       | 0 0      | 0 0       | 0 0       | 78.55     | 0         |
| 29     | 1 0.4                 | 0 0        | 2 2       | 0 0      | 0 0       | 3 2.4     | 92.53     | 5.86      |
| 30     | 2 0.8                 | 0 0        | 1 1       | 0 0      | 0 0       | 3 1.8     | 85.79     | 0         |
| Jumlah | 44 17.6               | 15 15      | 40 40     | 0 0      | 2 2.6     | 101 75.2  | 2236.05   | 22.87     |
| Rerata | 1.47 0.59             | 0.5 0.5    | 1.33 1.33 | 0 0      | 0.07 0.09 | 3.37 2.51 | 74.54     | 0.76      |

Tabel 16 Data Kendaraan Berpapasan

Hari/Tanggal : Selasa, 14 Oktober 2003

Waktu : 15:00 – 17:00

Arah : Timur - Barat

| Trip   | Kendaraan yang berpapasan |      |            |       |        |      |      |     |      |      | Total |        |
|--------|---------------------------|------|------------|-------|--------|------|------|-----|------|------|-------|--------|
|        | Motor                     |      | Mobil Pen. |       | Angkot |      | Bus  |     | Truk |      |       |        |
|        | Kend                      | smp  | Kend       | smp   | Kend   | smp  | Kend | smp | Kend | smp  | Kend  | smp    |
| 1      | 16                        | 6.4  | 12         | 12    | 3      | 3    | 0    | 0   | 2    | 2.6  | 33    | 24     |
| 2      | 12                        | 4.8  | 21         | 21    | 6      | 6    | 0    | 0   | 0    | 0    | 39    | 31.8   |
| 3      | 19                        | 7.6  | 33         | 33    | 2      | 2    | 0    | 0   | 0    | 0    | 54    | 42.6   |
| 4      | 22                        | 8.8  | 26         | 26    | 8      | 8    | 0    | 0   | 0    | 0    | 56    | 42.8   |
| 5      | 24                        | 9.6  | 29         | 29    | 6      | 6    | 0    | 0   | 1    | 1.3  | 60    | 45.9   |
| 6      | 17                        | 6.8  | 36         | 36    | 7      | 7    | 0    | 0   | 0    | 0    | 60    | 49.8   |
| 7      | 14                        | 5.6  | 31         | 31    | 9      | 9    | 0    | 0   | 3    | 3.9  | 57    | 49.5   |
| 8      | 9                         | 3.6  | 30         | 30    | 4      | 4    | 0    | 0   | 3    | 3.9  | 46    | 41.5   |
| 9      | 12                        | 4.8  | 26         | 26    | 2      | 2    | 0    | 0   | 0    | 0    | 40    | 32.8   |
| 10     | 19                        | 7.6  | 14         | 14    | 2      | 2    | 0    | 0   | 1    | 1.3  | 36    | 24.9   |
| 11     | 32                        | 12.8 | 12         | 12    | 4      | 4    | 0    | 0   | 0    | 0    | 48    | 28.8   |
| 12     | 23                        | 9.2  | 17         | 17    | 4      | 4    | 0    | 0   | 1    | 1.3  | 45    | 31.5   |
| 13     | 20                        | 8    | 17         | 17    | 7      | 7    | 0    | 0   | 2    | 2.6  | 46    | 34.6   |
| 14     | 17                        | 6.8  | 10         | 10    | 10     | 10   | 0    | 0   | 2    | 2.6  | 39    | 29.4   |
| 15     | 16                        | 6.4  | 21         | 21    | 11     | 11   | 0    | 0   | 2    | 2.6  | 50    | 41     |
| 16     | 19                        | 7.6  | 24         | 24    | 5      | 5    | 0    | 0   | 3    | 3.9  | 51    | 40.5   |
| 17     | 24                        | 9.6  | 14         | 14    | 2      | 2    | 0    | 0   | 2    | 2.6  | 42    | 28.2   |
| 18     | 27                        | 10.8 | 13         | 13    | 3      | 3    | 0    | 0   | 0    | 0    | 43    | 26.8   |
| 19     | 22                        | 8.8  | 23         | 23    | 2      | 2    | 0    | 0   | 1    | 1.3  | 48    | 35.1   |
| 20     | 18                        | 7.2  | 28         | 28    | 2      | 2    | 0    | 0   | 2    | 2.6  | 50    | 39.8   |
| 21     | 18                        | 7.2  | 24         | 24    | 5      | 5    | 0    | 0   | 0    | 0    | 47    | 36.2   |
| 22     | 21                        | 8.4  | 29         | 29    | 7      | 7    | 0    | 0   | 0    | 0    | 57    | 44.4   |
| 23     | 25                        | 10   | 34         | 34    | 10     | 10   | 0    | 0   | 3    | 3.9  | 72    | 57.9   |
| 24     | 24                        | 9.6  | 32         | 32    | 10     | 10   | 0    | 0   | 1    | 1.3  | 67    | 52.9   |
| 25     | 12                        | 4.8  | 31         | 31    | 9      | 9    | 0    | 0   | 1    | 1.3  | 53    | 46.1   |
| 26     | 26                        | 10.4 | 26         | 26    | 11     | 11   | 0    | 0   | 0    | 0    | 63    | 47.4   |
| 27     | 23                        | 9.2  | 33         | 33    | 6      | 6    | 0    | 0   | 0    | 0    | 62    | 48.2   |
| 28     | 16                        | 6.4  | 31         | 31    | 5      | 5    | 0    | 0   | 0    | 0    | 52    | 42.4   |
| 29     | 27                        | 10.8 | 34         | 34    | 2      | 2    | 0    | 0   | 2    | 2.6  | 65    | 49.4   |
| 30     | 21                        | 8.4  | 26         | 26    | 3      | 3    | 0    | 0   | 3    | 3.9  | 53    | 41.3   |
| Jumlah | 595                       | 238  | 737        | 737   | 167    | 167  | 0    | 0   | 35   | 45.5 | 1534  | 1187.5 |
| Rerata | 19.83                     | 7.93 | 24.57      | 24.57 | 5.57   | 5.57 | 0    | 0   | 1.17 | 1.52 | 51.13 | 39.58  |





Tabel 18 Data Kendaraan Disiap, Waktu Perjalanan, dan Waktu Tunda

Hari/Tanggal : Selasa, 14 Oktober 2003

Waktu : 15:00 – 17:00

Arah : Timur - Barat

| Trip   | Kendaraan yang disiap |            |          |          |          | Total    | Wkt Perj.<br>(detik) | Wkt Tund.<br>(detik) |      |      |     |      |         |       |
|--------|-----------------------|------------|----------|----------|----------|----------|----------------------|----------------------|------|------|-----|------|---------|-------|
|        | Motor                 | Mobil Pen. | Angkot   | Bus      | Truk     |          |                      |                      |      |      |     |      |         |       |
|        | Kend smp              | Kend smp   | Kend smp | Kend smp | Kend smp | Kend smp |                      |                      |      |      |     |      |         |       |
| 1      | 4                     | 1.6        | 0        | 0        | 4        | 4        | 0                    | 0                    | 0    | 0    | 8   | 5.6  | 61.44   | 0     |
| 2      | 0                     | 0          | 0        | 0        | 0        | 0        | 0                    | 0                    | 0    | 0    | 0   | 0    | 66.11   | 0     |
| 3      | 3                     | 1.2        | 1        | 1        | 3        | 3        | 0                    | 0                    | 0    | 0    | 7   | 5.2  | 74.64   | 0     |
| 4      | 1                     | 0.4        | 0        | 0        | 0        | 0        | 0                    | 0                    | 0    | 0    | 1   | 0.4  | 69.92   | 0     |
| 5      | 3                     | 1.2        | 2        | 2        | 0        | 0        | 0                    | 0                    | 0    | 0    | 5   | 3.2  | 59.25   | 0     |
| 6      | 2                     | 0.8        | 1        | 1        | 0        | 0        | 0                    | 0                    | 0    | 0    | 3   | 1.8  | 60.42   | 0     |
| 7      | 0                     | 0          | 0        | 0        | 2        | 2        | 0                    | 0                    | 0    | 0    | 2   | 2    | 63.26   | 0     |
| 8      | 1                     | 0.4        | 0        | 0        | 0        | 0        | 0                    | 0                    | 0    | 0    | 1   | 0.4  | 61.78   | 0     |
| 9      | 1                     | 0.4        | 0        | 0        | 3        | 3        | 0                    | 0                    | 0    | 0    | 4   | 3.4  | 59.11   | 0     |
| 10     | 3                     | 1.2        | 0        | 0        | 0        | 0        | 0                    | 0                    | 0    | 0    | 3   | 1.2  | 58.21   | 0     |
| 11     | 0                     | 0          | 3        | 3        | 0        | 0        | 0                    | 0                    | 0    | 0    | 3   | 3    | 64.54   | 0     |
| 12     | 1                     | 0.4        | 0        | 0        | 0        | 0        | 0                    | 0                    | 1    | 1.3  | 2   | 1.7  | 67.28   | 0     |
| 13     | 0                     | 0          | 0        | 0        | 4        | 4        | 0                    | 0                    | 0    | 0    | 4   | 4    | 71.72   | 0     |
| 14     | 0                     | 0          | 1        | 1        | 0        | 0        | 0                    | 0                    | 0    | 0    | 1   | 1    | 65.95   | 0     |
| 15     | 3                     | 1.2        | 1        | 1        | 3        | 3        | 0                    | 0                    | 0    | 0    | 7   | 5.2  | 76.74   | 0     |
| 16     | 4                     | 1.6        | 2        | 2        | 0        | 0        | 0                    | 0                    | 0    | 0    | 6   | 3.6  | 74.41   | 0     |
| 17     | 1                     | 0.4        | 0        | 0        | 0        | 0        | 0                    | 0                    | 0    | 0    | 1   | 0.4  | 80.67   | 0     |
| 18     | 0                     | 0          | 1        | 1        | 4        | 4        | 0                    | 0                    | 0    | 0    | 5   | 5    | 82.15   | 2.24  |
| 19     | 1                     | 0.4        | 1        | 1        | 0        | 0        | 0                    | 0                    | 0    | 0    | 2   | 1.4  | 73.59   | 0     |
| 20     | 0                     | 0          | 0        | 0        | 0        | 0        | 0                    | 0                    | 0    | 0    | 0   | 0    | 83.19   | 0     |
| 21     | 1                     | 0.4        | 1        | 1        | 0        | 0        | 0                    | 0                    | 0    | 0    | 2   | 1.4  | 84.98   | 5.58  |
| 22     | 5                     | 2          | 0        | 0        | 1        | 1        | 0                    | 0                    | 0    | 0    | 6   | 3    | 77.18   | 0     |
| 23     | 0                     | 0          | 3        | 3        | 0        | 0        | 0                    | 0                    | 0    | 0    | 3   | 3    | 75.45   | 0     |
| 24     | 1                     | 0.4        | 0        | 0        | 1        | 1        | 0                    | 0                    | 0    | 0    | 2   | 1.4  | 84.77   | 0     |
| 25     | 0                     | 0          | 0        | 0        | 0        | 0        | 0                    | 0                    | 0    | 0    | 0   | 0    | 86.58   | 4.11  |
| 26     | 2                     | 0.8        | 0        | 0        | 2        | 2        | 0                    | 0                    | 0    | 0    | 4   | 2.8  | 87.12   | 2.25  |
| 27     | 0                     | 0          | 2        | 2        | 1        | 1        | 0                    | 0                    | 0    | 0    | 3   | 3    | 82.56   | 3.36  |
| 28     | 3                     | 1.2        | 0        | 0        | 0        | 0        | 0                    | 0                    | 0    | 0    | 3   | 1.2  | 77.84   | 0     |
| 29     | 0                     | 0          | 1        | 1        | 1        | 1        | 0                    | 0                    | 0    | 0    | 2   | 2    | 76.83   | 0     |
| 30     | 2                     | 0.8        | 1        | 1        | 0        | 0        | 0                    | 0                    | 0    | 0    | 3   | 1.8  | 84.26   | 5.43  |
| Jumlah | 42                    | 16.8       | 21       | 21       | 29       | 29       | 0                    | 0                    | 1    | 1.3  | 93  | 68.1 | 2191.95 | 22.97 |
| Rerata | 1.4                   | 0.56       | 0.7      | 0.7      | 0.97     | 0.97     | 0                    | 0                    | 0.03 | 0.04 | 3.1 | 2.27 | 73.07   | 0.77  |

Tabel 19 Data Kendaraan Berpapasan

Hari/Tanggal : Rabu, 15 Oktober 2003

Waktu : 08:00 – 10:00

Arah : Barat - Timur

| Trip   | Kendaraan yang berpapasan |       |            |      |        |      |      |      |      |      | Total |       |
|--------|---------------------------|-------|------------|------|--------|------|------|------|------|------|-------|-------|
|        | Motor                     |       | Mobil Pen. |      | Angkot |      | Bus  |      | Truk |      |       |       |
|        | Kend                      | smp   | Kend       | smp  | Kend   | smp  | Kend | smp  | Kend | smp  | Kend  | smp   |
| 1      | 15                        | 6     | 11         | 11   | 12     | 12   | 0    | 0    | 1    | 1.3  | 39    | 30.3  |
| 2      | 8                         | 3.2   | 12         | 12   | 9      | 9    | 0    | 0    | 2    | 2.6  | 31    | 26.8  |
| 3      | 9                         | 3.6   | 12         | 12   | 5      | 5    | 0    | 0    | 1    | 1.3  | 27    | 21.9  |
| 4      | 13                        | 5.2   | 9          | 9    | 7      | 7    | 0    | 0    | 3    | 3.9  | 32    | 25.1  |
| 5      | 12                        | 4.8   | 13         | 13   | 10     | 10   | 0    | 0    | 1    | 1.3  | 36    | 29.1  |
| 6      | 15                        | 6     | 7          | 7    | 10     | 10   | 0    | 0    | 3    | 3.9  | 35    | 26.9  |
| 7      | 10                        | 4     | 13         | 13   | 12     | 12   | 0    | 0    | 0    | 0    | 35    | 29    |
| 8      | 8                         | 3.2   | 10         | 10   | 9      | 9    | 0    | 0    | 1    | 1.3  | 28    | 23.5  |
| 9      | 16                        | 6.4   | 10         | 10   | 8      | 8    | 0    | 0    | 1    | 1.3  | 35    | 25.7  |
| 10     | 14                        | 5.6   | 16         | 16   | 9      | 9    | 0    | 0    | 0    | 0    | 39    | 30.6  |
| 11     | 17                        | 6.8   | 12         | 12   | 4      | 4    | 0    | 0    | 1    | 1.3  | 34    | 24.1  |
| 12     | 14                        | 5.6   | 15         | 15   | 5      | 5    | 0    | 0    | 2    | 2.6  | 36    | 28.2  |
| 13     | 18                        | 7.2   | 13         | 13   | 5      | 5    | 0    | 0    | 1    | 1.3  | 37    | 26.5  |
| 14     | 21                        | 8.4   | 11         | 11   | 8      | 8    | 0    | 0    | 0    | 0    | 40    | 27.4  |
| 15     | 14                        | 5.6   | 16         | 16   | 12     | 12   | 0    | 0    | 2    | 2.6  | 44    | 36.2  |
| 16     | 19                        | 7.6   | 18         | 18   | 7      | 7    | 0    | 0    | 2    | 2.6  | 46    | 35.2  |
| 17     | 22                        | 8.8   | 16         | 16   | 6      | 6    | 0    | 0    | 1    | 1.3  | 45    | 32.1  |
| 18     | 20                        | 8     | 18         | 18   | 9      | 9    | 1    | 1.3  | 0    | 0    | 48    | 36.3  |
| 19     | 21                        | 8.4   | 23         | 23   | 6      | 6    | 0    | 0    | 3    | 3.9  | 53    | 41.3  |
| 20     | 20                        | 8     | 18         | 18   | 7      | 7    | 0    | 0    | 1    | 1.3  | 46    | 34.3  |
| 21     | 15                        | 6     | 15         | 15   | 11     | 11   | 0    | 0    | 0    | 0    | 41    | 32    |
| 22     | 17                        | 6.8   | 13         | 13   | 11     | 11   | 0    | 0    | 3    | 3.9  | 44    | 34.7  |
| 23     | 22                        | 8.8   | 17         | 17   | 8      | 8    | 0    | 0    | 3    | 3.9  | 50    | 37.7  |
| 24     | 18                        | 7.2   | 15         | 15   | 10     | 10   | 0    | 0    | 2    | 2.6  | 45    | 34.8  |
| 25     | 20                        | 8     | 25         | 25   | 10     | 10   | 0    | 0    | 1    | 1.3  | 56    | 44.3  |
| 26     | 19                        | 7.6   | 19         | 19   | 11     | 11   | 0    | 0    | 1    | 1.3  | 50    | 38.9  |
| 27     | 16                        | 6.4   | 20         | 20   | 9      | 9    | 0    | 0    | 0    | 0    | 45    | 35.4  |
| 28     | 21                        | 8.4   | 18         | 18   | 12     | 12   | 0    | 0    | 1    | 1.3  | 52    | 39.7  |
| 29     | 20                        | 8     | 14         | 14   | 6      | 6    | 0    | 0    | 2    | 2.6  | 42    | 30.6  |
| 30     | 14                        | 5.6   | 12         | 12   | 2      | 2    | 1    | 1.3  | 1    | 1.3  | 30    | 22.2  |
| Jumlah | 488                       | 195.2 | 441        | 441  | 250    | 250  | 2    | 2.6  | 40   | 52   | 1221  | 940.8 |
| Rerata | 16.27                     | 6.51  | 14.7       | 14.7 | 8.33   | 8.33 | 0.07 | 0.09 | 1.33 | 1.73 | 40.7  | 31.36 |

Tabel 20 Data Kendaraan Menyiap

Hari/Tanggal : Rabu, 15 Oktober 2003

Waktu : 08:00 – 10:00

Arah : Barat - Timur

| Trip   | Kendaraan yang menyiap |            |          |          |          | Total    |
|--------|------------------------|------------|----------|----------|----------|----------|
|        | Motor                  | Mobil Pen. | Angkot   | Bus      | Truk     |          |
|        | Kend smp               | Kend smp   | Kend smp | Kend smp | Kend smp | Kend smp |
| 1      | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      |
| 2      | 1 0.4                  | 0 0        | 0 0      | 0 0      | 0 0      | 1 0.4    |
| 3      | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      |
| 4      | 1 0.4                  | 0 0        | 0 0      | 0 0      | 0 0      | 1 0.4    |
| 5      | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      |
| 6      | 2 0.8                  | 1 1        | 0 0      | 0 0      | 0 0      | 3 1.8    |
| 7      | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      |
| 8      | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      |
| 9      | 1 0.4                  | 0 0        | 0 0      | 0 0      | 0 0      | 1 0.4    |
| 10     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      |
| 11     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      |
| 12     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      |
| 13     | 1 0.4                  | 0 0        | 0 0      | 0 0      | 0 0      | 1 0.4    |
| 14     | 2 0.8                  | 0 0        | 0 0      | 0 0      | 0 0      | 2 0.8    |
| 15     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      |
| 16     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      |
| 17     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      |
| 18     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      |
| 19     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      |
| 20     | 3 1.2                  | 0 0        | 0 0      | 0 0      | 0 0      | 3 1.2    |
| 21     | 3 1.2                  | 0 0        | 0 0      | 0 0      | 0 0      | 3 1.2    |
| 22     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      |
| 23     | 1 0.4                  | 0 0        | 0 0      | 0 0      | 0 0      | 1 0.4    |
| 24     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      |
| 25     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      |
| 26     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      |
| 27     | 1 0.4                  | 0 0        | 0 0      | 0 0      | 0 0      | 1 0.4    |
| 28     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      |
| 29     | 1 0.4                  | 0 0        | 0 0      | 0 0      | 0 0      | 1 0.4    |
| 30     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0      |
| Jumlah | 17 6.8                 | 1 1        | 0 0      | 0 0      | 0 0      | 18 7.8   |
| Rerata | 0.57 0.23              | 0.03 0.03  | 0 0      | 0 0      | 0 0      | 0.6 0.26 |

Tabel 21 Data Kendaraan Disiap, Waktu Perjalanan, dan Waktu Tunda

Hari/Tanggal : Rabu, 15 Oktober 2003

Waktu : 08:00 – 10:00

Arah : Barat - Timur

| Trip   | Kendaraan yang disiap |            |           |          |           | Total     | Wkt Perj. | Wkt Tund. |
|--------|-----------------------|------------|-----------|----------|-----------|-----------|-----------|-----------|
|        | Motor                 | Mobil Pen. | Angkot    | Bus      | Truk      |           |           |           |
|        | Kend smp              | Kend smp   | Kend smp  | Kend smp | Kend smp  | Kend smp  | (detik)   | (detik)   |
| 1      | 2 0.8                 | 0 0        | 1 1       | 0 0      | 1 1.3     | 4 3.1     | 71.66     | 0         |
| 2      | 1 0.4                 | 0 0        | 1 1       | 0 0      | 0 0       | 2 1.4     | 65.36     | 0         |
| 3      | 0 0                   | 1 1        | 1 1       | 0 0      | 0 0       | 2 2       | 78.55     | 0         |
| 4      | 4 1.6                 | 0 0        | 4 4       | 0 0      | 0 0       | 8 5.6     | 69.72     | 0         |
| 5      | 0 0                   | 0 0        | 0 0       | 0 0      | 0 0       | 0 0       | 65.23     | 0         |
| 6      | 1 0.4                 | 0 0        | 0 0       | 0 0      | 0 0       | 1 0.4     | 71.33     | 0         |
| 7      | 0 0                   | 0 0        | 0 0       | 0 0      | 0 0       | 0 0       | 76.52     | 0         |
| 8      | 0 0                   | 0 0        | 2 2       | 0 0      | 0 0       | 2 2       | 71.51     | 0         |
| 9      | 2 0.8                 | 0 0        | 1 1       | 0 0      | 0 0       | 3 1.8     | 68.48     | 0         |
| 10     | 0 0                   | 0 0        | 0 0       | 0 0      | 0 0       | 0 0       | 69.93     | 0         |
| 11     | 2 0.8                 | 1 1        | 0 0       | 0 0      | 0 0       | 3 1.8     | 79.41     | 2.55      |
| 12     | 0 0                   | 0 0        | 0 0       | 0 0      | 1 1.3     | 1 1.3     | 76.44     | 0         |
| 13     | 3 1.2                 | 2 2        | 2 2       | 0 0      | 0 0       | 7 5.2     | 70.07     | 0         |
| 14     | 0 0                   | 0 0        | 2 2       | 0 0      | 1 1.3     | 3 3.3     | 66.36     | 0         |
| 15     | 1 0.4                 | 0 0        | 1 1       | 0 0      | 0 0       | 2 1.4     | 65.94     | 0         |
| 16     | 0 0                   | 0 0        | 1 1       | 0 0      | 0 0       | 1 1       | 70.55     | 0         |
| 17     | 4 1.6                 | 1 1        | 2 2       | 0 0      | 0 0       | 7 4.6     | 68.27     | 0         |
| 18     | 0 0                   | 0 0        | 1 1       | 0 0      | 0 0       | 1 1       | 74.98     | 2.11      |
| 19     | 0 0                   | 0 0        | 5 5       | 0 0      | 0 0       | 5 5       | 68.27     | 0         |
| 20     | 0 0                   | 2 2        | 0 0       | 0 0      | 0 0       | 2 2       | 71.26     | 0         |
| 21     | 5 2                   | 0 0        | 0 0       | 0 0      | 0 0       | 5 2       | 62.35     | 0         |
| 22     | 0 0                   | 1 1        | 0 0       | 0 0      | 0 0       | 1 1       | 79.85     | 0         |
| 23     | 2 0.8                 | 0 0        | 0 0       | 0 0      | 0 0       | 2 0.8     | 75.28     | 0         |
| 24     | 0 0                   | 1 1        | 0 0       | 0 0      | 0 0       | 1 1       | 72.86     | 0         |
| 25     | 1 0.4                 | 0 0        | 0 0       | 0 0      | 1 1.3     | 2 1.7     | 72.94     | 0         |
| 26     | 0 0                   | 0 0        | 0 0       | 0 0      | 0 0       | 0 0       | 75.21     | 0         |
| 27     | 0 0                   | 0 0        | 1 1       | 0 0      | 0 0       | 1 1       | 86.29     | 3.63      |
| 28     | 3 1.2                 | 1 1        | 1 1       | 0 0      | 0 0       | 5 3.2     | 80.58     | 2.54      |
| 29     | 4 1.6                 | 0 0        | 1 1       | 0 0      | 1 1.3     | 6 3.9     | 68.57     | 0         |
| 30     | 0 0                   | 0 0        | 2 2       | 0 0      | 0 0       | 2 2       | 74.08     | 0         |
| Jumlah | 35 14                 | 10 10      | 29 29     | 0 0      | 5 6.5     | 79 59.5   | 2167.85   | 10.83     |
| Rerata | 1.17 0.47             | 0.33 0.33  | 0.97 0.97 | 0 0      | 0.17 0.22 | 2.63 1.98 | 72.26     | 0.36      |

Tabel 22 Data Kendaraan Berpapasan

Hari/Tanggal : Rabu, 15 Oktober 2003

Waktu : 08:00 – 10:00

Arah : Timur - Barat

| Trip   | Kendaraan yang berpapasan |      |            |     |        |     |      |      |      |      | Total |        |
|--------|---------------------------|------|------------|-----|--------|-----|------|------|------|------|-------|--------|
|        | Motor                     |      | Mobil Pen. |     | Angkot |     | Bus  |      | Truk |      |       |        |
|        | Kend                      | smp  | Kend       | smp | Kend   | smp | Kend | smp  | Kend | smp  | Kend  | smp    |
| 1      | 21                        | 8.4  | 11         | 11  | 3      | 3   | 0    | 0    | 0    | 0    | 35    | 22.4   |
| 2      | 26                        | 10.4 | 15         | 15  | 5      | 5   | 0    | 0    | 1    | 1.3  | 47    | 31.7   |
| 3      | 22                        | 8.8  | 19         | 19  | 2      | 2   | 0    | 0    | 0    | 0    | 43    | 29.8   |
| 4      | 14                        | 5.6  | 12         | 12  | 6      | 6   | 0    | 0    | 1    | 1.3  | 33    | 24.9   |
| 5      | 17                        | 6.8  | 14         | 14  | 6      | 6   | 0    | 0    | 2    | 2.6  | 39    | 29.4   |
| 6      | 14                        | 5.6  | 12         | 12  | 5      | 5   | 0    | 0    | 0    | 0    | 31    | 22.6   |
| 7      | 16                        | 6.4  | 12         | 12  | 6      | 6   | 0    | 0    | 3    | 3.9  | 37    | 28.3   |
| 8      | 20                        | 8    | 18         | 18  | 4      | 4   | 0    | 0    | 2    | 2.6  | 44    | 32.6   |
| 9      | 23                        | 9.2  | 21         | 21  | 3      | 3   | 1    | 1.3  | 0    | 0    | 48    | 34.5   |
| 10     | 25                        | 10   | 22         | 22  | 7      | 7   | 0    | 0    | 1    | 1.3  | 55    | 40.3   |
| 11     | 20                        | 8    | 15         | 15  | 8      | 8   | 0    | 0    | 0    | 0    | 43    | 31     |
| 12     | 14                        | 5.6  | 20         | 20  | 7      | 7   | 0    | 0    | 0    | 0    | 41    | 32.6   |
| 13     | 12                        | 4.8  | 17         | 17  | 5      | 5   | 0    | 0    | 1    | 1.3  | 35    | 28.1   |
| 14     | 14                        | 5.6  | 24         | 24  | 5      | 5   | 0    | 0    | 0    | 0    | 43    | 34.6   |
| 15     | 16                        | 6.4  | 16         | 16  | 4      | 4   | 0    | 0    | 0    | 0    | 36    | 26.4   |
| 16     | 12                        | 4.8  | 24         | 24  | 5      | 5   | 0    | 0    | 0    | 0    | 41    | 33.8   |
| 17     | 14                        | 5.6  | 18         | 18  | 8      | 8   | 0    | 0    | 0    | 0    | 40    | 31.6   |
| 18     | 13                        | 5.2  | 19         | 19  | 9      | 9   | 0    | 0    | 0    | 0    | 41    | 33.2   |
| 19     | 16                        | 6.4  | 20         | 20  | 4      | 4   | 0    | 0    | 1    | 1.3  | 41    | 31.7   |
| 20     | 21                        | 8.4  | 25         | 25  | 2      | 2   | 0    | 0    | 2    | 2.6  | 50    | 38     |
| 21     | 20                        | 8    | 25         | 25  | 2      | 2   | 1    | 1.3  | 2    | 2.6  | 50    | 38.9   |
| 22     | 27                        | 10.8 | 27         | 27  | 5      | 5   | 0    | 0    | 0    | 0    | 59    | 42.8   |
| 23     | 26                        | 10.4 | 22         | 22  | 7      | 7   | 1    | 1.3  | 1    | 1.3  | 57    | 42     |
| 24     | 19                        | 7.6  | 21         | 21  | 10     | 10  | 0    | 0    | 0    | 0    | 50    | 38.6   |
| 25     | 20                        | 8    | 29         | 29  | 8      | 8   | 0    | 0    | 1    | 1.3  | 58    | 46.3   |
| 26     | 18                        | 7.2  | 27         | 27  | 6      | 6   | 0    | 0    | 0    | 0    | 51    | 40.2   |
| 27     | 20                        | 8    | 28         | 28  | 8      | 8   | 0    | 0    | 0    | 0    | 56    | 44     |
| 28     | 17                        | 6.8  | 36         | 36  | 4      | 4   | 1    | 1.3  | 1    | 1.3  | 59    | 49.4   |
| 29     | 19                        | 7.6  | 32         | 32  | 5      | 5   | 0    | 0    | 0    | 0    | 56    | 44.6   |
| 30     | 24                        | 9.6  | 29         | 29  | 6      | 6   | 0    | 0    | 1    | 1.3  | 60    | 45.9   |
| Jumlah | 560                       | 224  | 630        | 630 | 165    | 165 | 4    | 5.2  | 20   | 26   | 1379  | 1050.2 |
| Rerata | 18.67                     | 7.47 | 21         | 21  | 5.5    | 5.5 | 0.13 | 0.17 | 0.67 | 0.87 | 45.97 | 35.01  |

Tabel 23 Data Kendaraan Menyiap

Hari/Tanggal : Rabu, 15 Oktober 2003

Waktu : 08:00 – 10:00

Arah : Timur - Barat

| Trip   | Kendaraan yang menyiap |            |          |          |          | Total     |
|--------|------------------------|------------|----------|----------|----------|-----------|
|        | Motor                  | Mobil Pen. | Angkot   | Bus      | Truk     |           |
|        | Kend smp               | Kend smp   | Kend smp | Kend smp | Kend smp | Kend smp  |
| 1      | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       |
| 2      | 1 0.4                  | 0 0        | 0 0      | 0 0      | 0 0      | 1 0.4     |
| 3      | 1 0.4                  | 1 1        | 0 0      | 0 0      | 0 0      | 2 1.4     |
| 4      | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       |
| 5      | 2 0.8                  | 0 0        | 0 0      | 0 0      | 0 0      | 2 0.8     |
| 6      | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       |
| 7      | 1 0.4                  | 1 1        | 0 0      | 0 0      | 0 0      | 2 1.4     |
| 8      | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       |
| 9      | 2 0.8                  | 0 0        | 0 0      | 0 0      | 0 0      | 2 0.8     |
| 10     | 1 0.4                  | 0 0        | 0 0      | 0 0      | 0 0      | 1 0.4     |
| 11     | 2 0.8                  | 0 0        | 0 0      | 0 0      | 0 0      | 2 0.8     |
| 12     | 3 1.2                  | 0 0        | 0 0      | 0 0      | 0 0      | 3 1.2     |
| 13     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       |
| 14     | 4 1.6                  | 0 0        | 0 0      | 0 0      | 0 0      | 4 1.6     |
| 15     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       |
| 16     | 3 1.2                  | 1 1        | 0 0      | 0 0      | 0 0      | 4 2.2     |
| 17     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       |
| 18     | 0 0                    | 1 1        | 0 0      | 0 0      | 0 0      | 1 1       |
| 19     | 1 0.4                  | 0 0        | 0 0      | 0 0      | 0 0      | 1 0.4     |
| 20     | 2 0.8                  | 0 0        | 0 0      | 0 0      | 0 0      | 2 0.8     |
| 21     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       |
| 22     | 3 1.2                  | 0 0        | 0 0      | 0 0      | 0 0      | 3 1.2     |
| 23     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       |
| 24     | 4 1.6                  | 0 0        | 0 0      | 0 0      | 0 0      | 4 1.6     |
| 25     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       |
| 26     | 5 2                    | 0 0        | 0 0      | 0 0      | 0 0      | 5 2       |
| 27     | 0 0                    | 1 1        | 0 0      | 0 0      | 0 0      | 1 1       |
| 28     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       |
| 29     | 1 0.4                  | 0 0        | 0 0      | 0 0      | 0 0      | 1 0.4     |
| 30     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       |
| Jumlah | 36 14.4                | 5 5        | 0 0      | 0 0      | 0 0      | 41 19.4   |
| Rerata | 1.2 0.48               | 0.17 0.17  | 0 0      | 0 0      | 0 0      | 1.37 0.65 |

Tabel 24 Data Kendaraan Disiap, Waktu Perjalanan, dan Waktu Tunda

Hari/Tanggal : Rabu, 15 Oktober 2003

Waktu : 08:00 – 10:00

Arah : Timur - Barat

| Trip   | Kendaraan yang disiap |            |          |          |          | Total     | Wkt Perj. | Wkt Tund. |
|--------|-----------------------|------------|----------|----------|----------|-----------|-----------|-----------|
|        | Motor                 | Mobil Pen. | Angkot   | Bus      | Truk     |           |           |           |
|        | Kend smp              | Kend smp   | Kend smp | Kend smp | Kend smp | Kend smp  | (detik)   | (detik)   |
| 1      | 1 0.4                 | 0 0        | 1 1      | 0 0      | 0 0      | 2 1.4     | 62.24     | 0         |
| 2      | 0 0                   | 0 0        | 2 2      | 0 0      | 1 1.3    | 3 3.3     | 71.22     | 0         |
| 3      | 2 0.8                 | 1 1        | 0 0      | 0 0      | 0 0      | 3 1.8     | 67.69     | 0         |
| 4      | 0 0                   | 2 2        | 2 2      | 0 0      | 0 0      | 4 4       | 58.56     | 0         |
| 5      | 1 0.4                 | 0 0        | 4 4      | 0 0      | 0 0      | 5 4.4     | 63.74     | 0         |
| 6      | 1 0.4                 | 2 2        | 5 5      | 0 0      | 0 0      | 8 7.4     | 66.55     | 0         |
| 7      | 3 1.2                 | 0 0        | 0 0      | 0 0      | 1 1.3    | 4 2.5     | 64.75     | 0         |
| 8      | 1 0.4                 | 0 0        | 6 6      | 0 0      | 0 0      | 7 6.4     | 60.23     | 0         |
| 9      | 4 1.6                 | 0 0        | 6 6      | 0 0      | 0 0      | 10 7.6    | 59.78     | 0         |
| 10     | 2 0.8                 | 4 4        | 0 0      | 0 0      | 2 2.6    | 8 7.4     | 66.22     | 0         |
| 11     | 3 1.2                 | 0 0        | 5 5      | 0 0      | 0 0      | 8 6.2     | 68.28     | 0         |
| 12     | 0 0                   | 0 0        | 0 0      | 0 0      | 1 1.3    | 1 1.3     | 87.53     | 4.42      |
| 13     | 2 0.8                 | 1 1        | 3 3      | 0 0      | 0 0      | 6 4.8     | 69.67     | 0         |
| 14     | 2 0.8                 | 0 0        | 4 4      | 0 0      | 0 0      | 6 4.8     | 64.45     | 0         |
| 15     | 0 0                   | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 72.71     | 0         |
| 16     | 5 2                   | 3 3        | 5 5      | 0 0      | 0 0      | 13 10     | 75.82     | 2.57      |
| 17     | 3 1.2                 | 3 3        | 3 3      | 0 0      | 0 0      | 9 7.2     | 61.72     | 0         |
| 18     | 1 0.4                 | 0 0        | 0 0      | 0 0      | 0 0      | 1 0.4     | 66.23     | 0         |
| 19     | 1 0.4                 | 2 2        | 2 2      | 0 0      | 0 0      | 5 4.4     | 71.69     | 0         |
| 20     | 4 1.6                 | 0 0        | 3 3      | 0 0      | 0 0      | 7 4.6     | 60.93     | 0         |
| 21     | 0 0                   | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 76.24     | 0         |
| 22     | 2 0.8                 | 0 0        | 4 4      | 0 0      | 1 1.3    | 7 6.1     | 71.41     | 0         |
| 23     | 1 0.4                 | 2 2        | 0 0      | 0 0      | 0 0      | 3 2.4     | 63.66     | 0         |
| 24     | 3 1.2                 | 0 0        | 3 3      | 0 0      | 0 0      | 6 4.2     | 68.84     | 0         |
| 25     | 0 0                   | 3 3        | 0 0      | 0 0      | 1 1.3    | 4 4.3     | 65.83     | 0         |
| 26     | 1 0.4                 | 0 0        | 1 1      | 0 0      | 0 0      | 2 1.4     | 60.47     | 0         |
| 27     | 0 0                   | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 76.26     | 1.57      |
| 28     | 1 0.4                 | 1 1        | 2 2      | 0 0      | 0 0      | 4 3.4     | 61.82     | 0         |
| 29     | 2 0.8                 | 1 1        | 0 0      | 0 0      | 0 0      | 3 1.8     | 64.35     | 0         |
| 30     | 1 0.4                 | 0 0        | 2 2      | 0 0      | 0 0      | 3 2.4     | 63.22     | 0         |
| Jumlah | 47 18.8               | 25 25      | 63 63    | 0 0      | 7 9.1    | 142 115.9 | 2012.11   | 8.56      |
| Rerata | 1.57 0.63             | 0.83 0.83  | 2.1 2.1  | 0 0      | 0.23 0.3 | 4.73 3.86 | 67.07     | 0.29      |



Tabel 25 Data Kendaraan Berpapasan

Hari/Tanggal : Rabu, 15 Oktober 2003

Waktu : 11:00 – 13:00

Arah : Barat - Timur

| Trip   | Kendaraan yang berpapasan |      |            |       |        |     |      |      |      |     | Total |       |
|--------|---------------------------|------|------------|-------|--------|-----|------|------|------|-----|-------|-------|
|        | Motor                     |      | Mobil Pen. |       | Angkot |     | Bus  |      | Truk |     |       |       |
|        | Kend                      | smp  | Kend       | smp   | Kend   | smp | Kend | smp  | Kend | smp | Kend  | smp   |
| 1      | 9                         | 3.6  | 11         | 11    | 7      | 7   | 0    | 0    | 1    | 1.3 | 28    | 22.9  |
| 2      | 10                        | 4    | 14         | 14    | 13     | 13  | 0    | 0    | 2    | 2.6 | 39    | 33.6  |
| 3      | 14                        | 5.6  | 16         | 16    | 9      | 9   | 0    | 0    | 1    | 1.3 | 40    | 31.9  |
| 4      | 12                        | 4.8  | 15         | 15    | 8      | 8   | 0    | 0    | 2    | 2.6 | 37    | 30.4  |
| 5      | 19                        | 7.6  | 10         | 10    | 10     | 10  | 0    | 0    | 0    | 0   | 39    | 27.6  |
| 6      | 17                        | 6.8  | 10         | 10    | 6      | 6   | 0    | 0    | 1    | 1.3 | 34    | 24.1  |
| 7      | 8                         | 3.2  | 16         | 16    | 7      | 7   | 0    | 0    | 1    | 1.3 | 32    | 27.5  |
| 8      | 12                        | 4.8  | 9          | 9     | 13     | 13  | 1    | 1.3  | 1    | 1.3 | 36    | 29.4  |
| 9      | 16                        | 6.4  | 13         | 13    | 11     | 11  | 0    | 0    | 2    | 2.6 | 42    | 33    |
| 10     | 21                        | 8.4  | 26         | 26    | 7      | 7   | 0    | 0    | 2    | 2.6 | 56    | 44    |
| 11     | 18                        | 7.2  | 12         | 12    | 10     | 10  | 0    | 0    | 3    | 3.9 | 43    | 33.1  |
| 12     | 23                        | 9.2  | 19         | 19    | 9      | 9   | 0    | 0    | 1    | 1.3 | 52    | 38.5  |
| 13     | 9                         | 3.6  | 22         | 22    | 12     | 12  | 0    | 0    | 1    | 1.3 | 44    | 38.9  |
| 14     | 21                        | 8.4  | 21         | 21    | 11     | 11  | 0    | 0    | 0    | 0   | 53    | 40.4  |
| 15     | 15                        | 6    | 16         | 16    | 13     | 13  | 0    | 0    | 0    | 0   | 44    | 35    |
| 16     | 21                        | 8.4  | 19         | 19    | 10     | 10  | 0    | 0    | 1    | 1.3 | 51    | 38.7  |
| 17     | 17                        | 6.8  | 22         | 22    | 13     | 13  | 0    | 0    | 1    | 1.3 | 53    | 43.1  |
| 18     | 20                        | 8    | 18         | 18    | 8      | 8   | 0    | 0    | 1    | 1.3 | 47    | 35.3  |
| 19     | 16                        | 6.4  | 25         | 25    | 7      | 7   | 0    | 0    | 0    | 0   | 48    | 38.4  |
| 20     | 17                        | 6.8  | 23         | 23    | 11     | 11  | 0    | 0    | 3    | 3.9 | 54    | 44.7  |
| 21     | 20                        | 8    | 12         | 12    | 8      | 8   | 1    | 1.3  | 0    | 0   | 41    | 29.3  |
| 22     | 15                        | 6    | 19         | 19    | 9      | 9   | 0    | 0    | 2    | 2.6 | 45    | 36.6  |
| 23     | 19                        | 7.6  | 14         | 14    | 10     | 10  | 1    | 1.3  | 0    | 0   | 44    | 32.9  |
| 24     | 15                        | 6    | 24         | 24    | 9      | 9   | 0    | 0    | 0    | 0   | 48    | 39    |
| 25     | 15                        | 6    | 11         | 11    | 8      | 8   | 0    | 0    | 0    | 0   | 34    | 25    |
| 26     | 11                        | 4.4  | 15         | 15    | 9      | 9   | 0    | 0    | 2    | 2.6 | 37    | 31    |
| 27     | 12                        | 4.8  | 18         | 18    | 8      | 8   | 0    | 0    | 1    | 1.3 | 39    | 32.1  |
| 28     | 14                        | 5.6  | 10         | 10    | 8      | 8   | 0    | 0    | 0    | 0   | 32    | 23.6  |
| 29     | 16                        | 6.4  | 7          | 7     | 11     | 11  | 0    | 0    | 1    | 1.3 | 35    | 25.7  |
| 30     | 18                        | 7.2  | 12         | 12    | 13     | 13  | 0    | 0    | 0    | 0   | 43    | 32.2  |
| Jumlah | 470                       | 188  | 479        | 479   | 288    | 288 | 3    | 3.9  | 30   | 39  | 1270  | 997.9 |
| Rerata | 15.67                     | 6.27 | 15.97      | 15.97 | 9.6    | 9.6 | 0.1  | 0.13 | 1    | 1.3 | 42.33 | 33.26 |

Tabel 26 Data Kendaraan Menyiap

Hari/Tanggal : Rabu, 15 Oktober 2003

Waktu : 11:00 – 13:00

Arah : Barat - Timur

| Trip   | Kendaraan yang menyiap |      |            |     |        |     |      |     |      |     | Total |      |
|--------|------------------------|------|------------|-----|--------|-----|------|-----|------|-----|-------|------|
|        | Motor                  |      | Mobil Pen. |     | Angkot |     | Bus  |     | Truk |     |       |      |
|        | Kend                   | smp  | Kend       | smp | Kend   | smp | Kend | smp | Kend | smp | Kend  | smp  |
| 1      | 1                      | 0.4  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 2      | 2                      | 0.8  | 1          | 1   | 0      | 0   | 0    | 0   | 0    | 0   | 3     | 1.8  |
| 3      | 1                      | 0.4  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 4      | 1                      | 0.4  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 5      | 3                      | 1.2  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 3     | 1.2  |
| 6      | 1                      | 0.4  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 7      | 0                      | 0    | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 0     | 0    |
| 8      | 0                      | 0    | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 0     | 0    |
| 9      | 0                      | 0    | 1          | 1   | 0      | 0   | 0    | 0   | 0    | 0   | 1     | 1    |
| 10     | 0                      | 0    | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 0     | 0    |
| 11     | 0                      | 0    | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 0     | 0    |
| 12     | 0                      | 0    | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 0     | 0    |
| 13     | 1                      | 0.4  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 14     | 0                      | 0    | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 0     | 0    |
| 15     | 0                      | 0    | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 0     | 0    |
| 16     | 1                      | 0.4  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 17     | 2                      | 0.8  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 2     | 0.8  |
| 18     | 0                      | 0    | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 0     | 0    |
| 19     | 1                      | 0.4  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 20     | 0                      | 0    | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 0     | 0    |
| 21     | 0                      | 0    | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 0     | 0    |
| 22     | 0                      | 0    | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 0     | 0    |
| 23     | 2                      | 0.8  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 2     | 0.8  |
| 24     | 0                      | 0    | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 0     | 0    |
| 25     | 1                      | 0.4  | 1          | 1   | 0      | 0   | 0    | 0   | 0    | 0   | 2     | 1.4  |
| 26     | 3                      | 1.2  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 3     | 1.2  |
| 27     | 2                      | 0.8  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 2     | 0.8  |
| 28     | 0                      | 0    | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 0     | 0    |
| 29     | 1                      | 0.4  | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 30     | 0                      | 0    | 0          | 0   | 0      | 0   | 0    | 0   | 0    | 0   | 0     | 0    |
| Jumlah | 23                     | 9.2  | 3          | 3   | 0      | 0   | 0    | 0   | 0    | 0   | 26    | 12.2 |
| Rerata | 0.77                   | 0.31 | 0.1        | 0.1 | 0      | 0   | 0    | 0   | 0    | 0   | 0.87  | 0.41 |

Tabel 27 Data Kendaraan Disiap, Waktu Perjalanan, dan Waktu Tunda

Hari/Tanggal : Rabu, 15 Oktober 2003

Waktu : 11:00 – 13:00

Arah : Barat - Timur

| Trip   | Kendaraan yang disiap |            |           |           |          | Total    | Wkt<br>Perj. | Wkt<br>Tund. |
|--------|-----------------------|------------|-----------|-----------|----------|----------|--------------|--------------|
|        | Motor                 | Mobil Pen. | Angkot    | Bus       | Truk     |          |              |              |
|        | Kend smp              | Kend smp   | Kend smp  | Kend smp  | Kend smp | Kend smp | (detik)      | (detik)      |
| 1      | 1 0.4                 | 0 0        | 3 3       | 0 0       | 0 0      | 4 3.4    | 64.08        | 0            |
| 2      | 2 0.8                 | 0 0        | 2 2       | 0 0       | 0 0      | 4 2.8    | 71.22        | 0            |
| 3      | 0 0                   | 0 0        | 3 3       | 0 0       | 0 0      | 3 3      | 68.79        | 0            |
| 4      | 4 1.6                 | 1 1        | 1 1       | 0 0       | 0 0      | 6 3.6    | 63.43        | 0            |
| 5      | 1 0.4                 | 2 2        | 1 1       | 0 0       | 0 0      | 4 3.4    | 70.28        | 0            |
| 6      | 2 0.8                 | 2 2        | 4 4       | 0 0       | 0 0      | 8 6.8    | 73.32        | 0            |
| 7      | 0 0                   | 0 0        | 0 0       | 0 0       | 0 0      | 0 0      | 70.58        | 0            |
| 8      | 0 0                   | 1 1        | 1 1       | 0 0       | 0 0      | 2 2      | 77.91        | 0            |
| 9      | 0 0                   | 0 0        | 0 0       | 0 0       | 0 0      | 0 0      | 62.54        | 0            |
| 10     | 1 0.4                 | 0 0        | 2 2       | 0 0       | 0 0      | 3 2.4    | 69.26        | 0            |
| 11     | 0 0                   | 0 0        | 0 0       | 0 0       | 0 0      | 0 0      | 56.76        | 0            |
| 12     | 2 0.8                 | 2 2        | 0 0       | 0 0       | 0 0      | 4 2.8    | 72.22        | 0            |
| 13     | 0 0                   | 1 1        | 1 1       | 0 0       | 0 0      | 2 2      | 69.52        | 0            |
| 14     | 3 1.2                 | 0 0        | 3 3       | 0 0       | 0 0      | 6 4.2    | 68.26        | 0            |
| 15     | 4 1.6                 | 0 0        | 3 3       | 0 0       | 0 0      | 7 4.6    | 70.11        | 0            |
| 16     | 0 0                   | 0 0        | 1 1       | 0 0       | 0 0      | 1 1      | 81.51        | 5.28         |
| 17     | 2 0.8                 | 0 0        | 0 0       | 0 0       | 0 0      | 2 0.8    | 66.16        | 0            |
| 18     | 0 0                   | 2 2        | 2 2       | 0 0       | 0 0      | 4 4      | 59.27        | 0            |
| 19     | 4 1.6                 | 0 0        | 4 4       | 0 0       | 0 0      | 8 5.6    | 62.58        | 0            |
| 20     | 5 2                   | 2 2        | 1 1       | 0 0       | 0 0      | 8 5      | 68.12        | 0            |
| 21     | 3 1.2                 | 2 2        | 0 0       | 0 0       | 0 0      | 5 3.2    | 69.47        | 0            |
| 22     | 0 0                   | 0 0        | 2 2       | 0 0       | 0 0      | 2 2      | 76.13        | 1.65         |
| 23     | 0 0                   | 1 1        | 0 0       | 0 0       | 0 0      | 1 1      | 72.44        | 0            |
| 24     | 0 0                   | 0 0        | 2 2       | 0 0       | 0 0      | 2 2      | 58.51        | 0            |
| 25     | 4 1.6                 | 1 1        | 1 1       | 0 0       | 0 0      | 6 3.6    | 76.44        | 0            |
| 26     | 0 0                   | 1 1        | 0 0       | 0 0       | 0 0      | 1 1      | 65.42        | 0            |
| 27     | 2 0.8                 | 0 0        | 0 0       | 0 0       | 0 0      | 2 0.8    | 62.52        | 0            |
| 28     | 1 0.4                 | 1 1        | 0 0       | 1 1.3     | 0 0      | 3 2.7    | 58.45        | 0            |
| 29     | 0 0                   | 0 0        | 0 0       | 0 0       | 0 0      | 0 0      | 62.68        | 0            |
| 30     | 1 0.4                 | 0 0        | 4 4       | 0 0       | 0 0      | 5 4.4    | 60.73        | 0            |
| Jumlah | 42 16.8               | 19 19      | 41 41     | 1 1.3     | 0 0      | 103 78.1 | 2028.71      | 6.93         |
| Rerata | 1.4 0.56              | 0.63 0.63  | 1.37 1.37 | 0.03 0.04 | 0 0      | 3.43 2.6 | 67.62        | 0.23         |

Tabel 28 Data Kendaraan Berpapasan

Hari/Tanggal : Rabu, 15 Oktober 2003

Waktu : 11:00 – 13:00

Arah : Timur - Barat

| Trip   | Kendaraan yang berpapasan |       |            |      |        |     |      |     |      |      | Total |      |
|--------|---------------------------|-------|------------|------|--------|-----|------|-----|------|------|-------|------|
|        | Motor                     |       | Mobil Pen. |      | Angkot |     | Bus  |     | Truk |      |       |      |
|        | Kend                      | smp   | Kend       | smp  | Kend   | smp | Kend | smp | Kend | smp  | Kend  | smp  |
| 1      | 17                        | 6.8   | 27         | 27   | 3      | 3   | 0    | 0   | 0    | 0    | 47    | 36.8 |
| 2      | 13                        | 5.2   | 26         | 26   | 4      | 4   | 0    | 0   | 1    | 1.3  | 44    | 36.5 |
| 3      | 22                        | 8.8   | 31         | 31   | 4      | 4   | 0    | 0   | 3    | 3.9  | 60    | 47.7 |
| 4      | 14                        | 5.6   | 28         | 28   | 3      | 3   | 0    | 0   | 2    | 2.6  | 47    | 39.2 |
| 5      | 18                        | 7.2   | 22         | 22   | 2      | 2   | 0    | 0   | 0    | 0    | 42    | 31.2 |
| 6      | 18                        | 7.2   | 23         | 23   | 4      | 4   | 0    | 0   | 2    | 2.6  | 47    | 36.8 |
| 7      | 22                        | 8.8   | 31         | 31   | 3      | 3   | 0    | 0   | 0    | 0    | 56    | 42.8 |
| 8      | 25                        | 10    | 19         | 19   | 6      | 6   | 0    | 0   | 0    | 0    | 50    | 35   |
| 9      | 27                        | 10.8  | 21         | 21   | 4      | 4   | 0    | 0   | 1    | 1.3  | 53    | 37.1 |
| 10     | 17                        | 6.8   | 19         | 19   | 5      | 5   | 0    | 0   | 2    | 2.6  | 43    | 33.4 |
| 11     | 17                        | 6.8   | 24         | 24   | 8      | 8   | 0    | 0   | 1    | 1.3  | 50    | 40.1 |
| 12     | 12                        | 4.8   | 27         | 27   | 6      | 6   | 0    | 0   | 1    | 1.3  | 46    | 39.1 |
| 13     | 12                        | 4.8   | 33         | 33   | 6      | 6   | 0    | 0   | 1    | 1.3  | 52    | 45.1 |
| 14     | 17                        | 6.8   | 29         | 29   | 7      | 7   | 0    | 0   | 0    | 0    | 53    | 42.8 |
| 15     | 13                        | 5.2   | 20         | 20   | 7      | 7   | 0    | 0   | 4    | 5.2  | 44    | 37.4 |
| 16     | 14                        | 5.6   | 23         | 23   | 5      | 5   | 0    | 0   | 3    | 3.9  | 45    | 37.5 |
| 17     | 13                        | 5.2   | 21         | 21   | 8      | 8   | 0    | 0   | 0    | 0    | 42    | 34.2 |
| 18     | 10                        | 4     | 19         | 19   | 2      | 2   | 0    | 0   | 1    | 1.3  | 32    | 26.3 |
| 19     | 14                        | 5.6   | 28         | 28   | 8      | 8   | 0    | 0   | 2    | 2.6  | 52    | 44.2 |
| 20     | 24                        | 9.6   | 21         | 21   | 6      | 6   | 0    | 0   | 0    | 0    | 51    | 36.6 |
| 21     | 23                        | 9.2   | 32         | 32   | 9      | 9   | 0    | 0   | 2    | 2.6  | 66    | 52.8 |
| 22     | 16                        | 6.4   | 30         | 30   | 12     | 12  | 0    | 0   | 0    | 0    | 58    | 48.4 |
| 23     | 24                        | 9.6   | 26         | 26   | 1      | 1   | 0    | 0   | 1    | 1.3  | 52    | 37.9 |
| 24     | 17                        | 6.8   | 25         | 25   | 2      | 2   | 0    | 0   | 0    | 0    | 44    | 33.8 |
| 25     | 22                        | 8.8   | 20         | 20   | 5      | 5   | 0    | 0   | 1    | 1.3  | 48    | 35.1 |
| 26     | 16                        | 6.4   | 21         | 21   | 5      | 5   | 0    | 0   | 2    | 2.6  | 44    | 35   |
| 27     | 21                        | 8.4   | 24         | 24   | 2      | 2   | 0    | 0   | 0    | 0    | 47    | 34.4 |
| 28     | 18                        | 7.2   | 16         | 16   | 2      | 2   | 0    | 0   | 1    | 1.3  | 37    | 26.5 |
| 29     | 29                        | 11.6  | 23         | 23   | 7      | 7   | 0    | 0   | 1    | 1.3  | 60    | 42.9 |
| 30     | 16                        | 6.4   | 29         | 29   | 4      | 4   | 0    | 0   | 0    | 0    | 49    | 39.4 |
| Jumlah | 541                       | 216.4 | 738        | 738  | 150    | 150 | 0    | 0   | 32   | 41.6 | 1461  | 1146 |
| Rerata | 18.03                     | 7.21  | 24.6       | 24.6 | 5      | 5   | 0    | 0   | 1.07 | 1.39 | 48.7  | 38.2 |



Tabel 30 Data Kendaraan Disiap, Waktu Perjalanan, dan Waktu Tunda

Hari/Tanggal : Rabu, 15 Oktober 2003

Waktu : 11:00 – 13:00

Arah : Timur - Barat

| Trip   | Kendaraan yang disiap |          |            |          |          |          |          |          |          |          | Total<br>Kend smp | Wkt<br>Perj.<br>(detik) | Wkt<br>Tund.<br>(detik) |       |
|--------|-----------------------|----------|------------|----------|----------|----------|----------|----------|----------|----------|-------------------|-------------------------|-------------------------|-------|
|        | Motor                 |          | Mobil Pen. |          | Angkot   |          | Bus      |          | Truk     |          |                   |                         |                         |       |
|        | Kend smp              | Kend smp | Kend smp   | Kend smp | Kend smp | Kend smp | Kend smp | Kend smp | Kend smp | Kend smp |                   |                         |                         |       |
| 1      | 4                     | 1.6      | 0          | 0        | 4        | 4        | 0        | 0        | 0        | 0        | 8                 | 5.6                     | 73.88                   | 0     |
| 2      | 3                     | 1.2      | 0          | 0        | 3        | 3        | 0        | 0        | 0        | 0        | 6                 | 4.2                     | 75.77                   | 0     |
| 3      | 3                     | 1.2      | 2          | 2        | 6        | 6        | 0        | 0        | 0        | 0        | 11                | 9.2                     | 65.92                   | 0     |
| 4      | 2                     | 0.8      | 1          | 1        | 1        | 1        | 0        | 0        | 0        | 0        | 4                 | 2.8                     | 77.45                   | 0     |
| 5      | 1                     | 0.4      | 0          | 0        | 1        | 1        | 0        | 0        | 0        | 0        | 2                 | 1.4                     | 84.21                   | 5.62  |
| 6      | 3                     | 1.2      | 0          | 0        | 3        | 3        | 0        | 0        | 0        | 0        | 6                 | 4.2                     | 62.34                   | 0     |
| 7      | 4                     | 1.6      | 0          | 0        | 7        | 7        | 0        | 0        | 0        | 0        | 11                | 8.6                     | 69.21                   | 0     |
| 8      | 0                     | 0        | 2          | 2        | 4        | 4        | 0        | 0        | 0        | 0        | 6                 | 6                       | 71.65                   | 0     |
| 9      | 3                     | 1.2      | 4          | 4        | 4        | 4        | 0        | 0        | 0        | 0        | 11                | 9.2                     | 68.54                   | 0     |
| 10     | 5                     | 2        | 2          | 2        | 2        | 2        | 0        | 0        | 0        | 0        | 9                 | 6                       | 72.56                   | 0     |
| 11     | 4                     | 1.6      | 4          | 4        | 1        | 1        | 0        | 0        | 0        | 0        | 9                 | 6.6                     | 65.32                   | 0     |
| 12     | 5                     | 2        | 0          | 0        | 1        | 1        | 0        | 0        | 0        | 0        | 6                 | 3                       | 80.51                   | 2.85  |
| 13     | 6                     | 2.4      | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 6                 | 2.4                     | 67.77                   | 0     |
| 14     | 2                     | 0.8      | 1          | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 3                 | 1.8                     | 87.83                   | 4.64  |
| 15     | 1                     | 0.4      | 2          | 2        | 2        | 2        | 0        | 0        | 0        | 0        | 5                 | 4.4                     | 83.42                   | 1.55  |
| 16     | 0                     | 0        | 1          | 1        | 5        | 5        | 0        | 0        | 0        | 0        | 6                 | 6                       | 91.57                   | 6.25  |
| 17     | 0                     | 0        | 2          | 2        | 6        | 6        | 0        | 0        | 0        | 0        | 8                 | 8                       | 79.52                   | 0     |
| 18     | 0                     | 0        | 2          | 2        | 7        | 7        | 0        | 0        | 0        | 0        | 9                 | 9                       | 85.21                   | 1.85  |
| 19     | 1                     | 0.4      | 1          | 1        | 6        | 6        | 0        | 0        | 0        | 0        | 8                 | 7.4                     | 64.54                   | 0     |
| 20     | 3                     | 1.2      | 3          | 3        | 4        | 4        | 0        | 0        | 0        | 0        | 10                | 8.2                     | 67.24                   | 0     |
| 21     | 1                     | 0.4      | 1          | 1        | 4        | 4        | 0        | 0        | 0        | 0        | 6                 | 5.4                     | 66.84                   | 0     |
| 22     | 1                     | 0.4      | 1          | 1        | 3        | 3        | 0        | 0        | 0        | 0        | 5                 | 4.4                     | 74.64                   | 0     |
| 23     | 0                     | 0        | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0                 | 0                       | 81.24                   | 0     |
| 24     | 2                     | 0.8      | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2                 | 0.8                     | 73.95                   | 0     |
| 25     | 3                     | 1.2      | 0          | 0        | 4        | 4        | 0        | 0        | 0        | 0        | 7                 | 5.2                     | 81.58                   | 3.79  |
| 26     | 3                     | 1.2      | 3          | 3        | 1        | 1        | 1        | 1.3      | 0        | 0        | 8                 | 6.5                     | 70.78                   | 0     |
| 27     | 0                     | 0        | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0                 | 0                       | 68.32                   | 0     |
| 28     | 2                     | 0.8      | 0          | 0        | 3        | 3        | 0        | 0        | 0        | 0        | 5                 | 3.8                     | 66.97                   | 0     |
| 29     | 1                     | 0.4      | 0          | 0        | 2        | 2        | 0        | 0        | 0        | 0        | 3                 | 2.4                     | 67.35                   | 0     |
| 30     | 1                     | 0.4      | 1          | 1        | 4        | 4        | 0        | 0        | 1        | 1.3      | 7                 | 6.7                     | 62.67                   | 0     |
| Jumlah | 64                    | 25.6     | 33         | 33       | 88       | 88       | 1        | 1.3      | 1        | 1.3      | 187               | 149.2                   | 2208.8                  | 26.55 |
| Rerata | 2.13                  | 0.85     | 1.1        | 1.1      | 2.93     | 2.93     | 0.03     | 0.04     | 0.03     | 0.04     | 6.23              | 4.97                    | 73.63                   | 0.89  |

Tabel 31 Data Kendaraan Berpapasan

Hari/Tanggal : Rabu, 15 Oktober 2003

Waktu : 15:00 – 17:00

Arah : Barat - Timur

| Trip   | Kendaraan yang berpapasan |       |            |       |        |     |      |      |      |      | Total |        |
|--------|---------------------------|-------|------------|-------|--------|-----|------|------|------|------|-------|--------|
|        | Motor                     |       | Mobil Pen. |       | Angkot |     | Bus  |      | Truk |      |       |        |
|        | Kend                      | smp   | Kend       | smp   | Kend   | smp | Kend | smp  | Kend | smp  | Kend  | smp    |
| 1      | 9                         | 3.6   | 17         | 17    | 4      | 4   | 0    | 0    | 0    | 0    | 30    | 24.6   |
| 2      | 18                        | 7.2   | 12         | 12    | 3      | 3   | 0    | 0    | 3    | 3.9  | 36    | 26.1   |
| 3      | 13                        | 5.2   | 13         | 13    | 4      | 4   | 0    | 0    | 0    | 0    | 30    | 22.2   |
| 4      | 26                        | 10.4  | 25         | 25    | 4      | 4   | 0    | 0    | 1    | 1.3  | 56    | 40.7   |
| 5      | 12                        | 4.8   | 21         | 21    | 6      | 6   | 0    | 0    | 1    | 1.3  | 40    | 33.1   |
| 6      | 22                        | 8.8   | 18         | 18    | 12     | 12  | 0    | 0    | 0    | 0    | 52    | 38.8   |
| 7      | 26                        | 10.4  | 24         | 24    | 4      | 4   | 0    | 0    | 1    | 1.3  | 55    | 39.7   |
| 8      | 17                        | 6.8   | 21         | 21    | 4      | 4   | 0    | 0    | 2    | 2.6  | 44    | 34.4   |
| 9      | 18                        | 7.2   | 25         | 25    | 8      | 8   | 0    | 0    | 2    | 2.6  | 53    | 42.8   |
| 10     | 21                        | 8.4   | 12         | 12    | 6      | 6   | 0    | 0    | 2    | 2.6  | 41    | 29     |
| 11     | 25                        | 10    | 19         | 19    | 5      | 5   | 0    | 0    | 1    | 1.3  | 50    | 35.3   |
| 12     | 24                        | 9.6   | 21         | 21    | 12     | 12  | 1    | 1.3  | 0    | 0    | 58    | 43.9   |
| 13     | 25                        | 10    | 12         | 12    | 8      | 8   | 1    | 1.3  | 0    | 0    | 46    | 31.3   |
| 14     | 26                        | 10.4  | 25         | 25    | 3      | 3   | 0    | 0    | 0    | 0    | 54    | 38.4   |
| 15     | 31                        | 12.4  | 21         | 21    | 6      | 6   | 0    | 0    | 0    | 0    | 58    | 39.4   |
| 16     | 10                        | 4     | 26         | 26    | 5      | 5   | 0    | 0    | 0    | 0    | 41    | 35     |
| 17     | 17                        | 6.8   | 13         | 13    | 6      | 6   | 0    | 0    | 2    | 2.6  | 38    | 28.4   |
| 18     | 22                        | 8.8   | 21         | 21    | 4      | 4   | 0    | 0    | 2    | 2.6  | 49    | 36.4   |
| 19     | 31                        | 12.4  | 23         | 23    | 7      | 7   | 0    | 0    | 3    | 3.9  | 64    | 46.3   |
| 20     | 16                        | 6.4   | 27         | 27    | 9      | 9   | 0    | 0    | 0    | 0    | 52    | 42.4   |
| 21     | 10                        | 4     | 18         | 18    | 4      | 4   | 0    | 0    | 0    | 0    | 32    | 26     |
| 22     | 16                        | 6.4   | 21         | 21    | 6      | 6   | 0    | 0    | 1    | 1.3  | 44    | 34.7   |
| 23     | 12                        | 4.8   | 18         | 18    | 6      | 6   | 0    | 0    | 1    | 1.3  | 37    | 30.1   |
| 24     | 14                        | 5.6   | 16         | 16    | 4      | 4   | 0    | 0    | 0    | 0    | 34    | 25.6   |
| 25     | 13                        | 5.2   | 18         | 18    | 10     | 10  | 0    | 0    | 1    | 1.3  | 42    | 34.5   |
| 26     | 18                        | 7.2   | 20         | 20    | 9      | 9   | 0    | 0    | 0    | 0    | 47    | 36.2   |
| 27     | 29                        | 11.6  | 24         | 24    | 9      | 9   | 0    | 0    | 0    | 0    | 62    | 44.6   |
| 28     | 24                        | 9.6   | 16         | 16    | 13     | 13  | 0    | 0    | 0    | 0    | 53    | 38.6   |
| 29     | 26                        | 10.4  | 19         | 19    | 12     | 12  | 0    | 0    | 0    | 0    | 57    | 41.4   |
| 30     | 11                        | 4.4   | 27         | 27    | 11     | 11  | 1    | 1.3  | 2    | 2.6  | 52    | 46.3   |
| Jumlah | 582                       | 232.8 | 593        | 593   | 204    | 204 | 3    | 3.9  | 25   | 32.5 | 1407  | 1066.2 |
| Rerata | 19.4                      | 7.76  | 19.77      | 19.77 | 6.8    | 6.8 | 0.1  | 0.13 | 0.83 | 1.08 | 46.9  | 35.54  |

Tabel 32 Data Kendaraan Menyiap

Hari/Tanggal : Rabu, 15 Oktober 2003

Waktu : 15:00 – 17:00

Arah : Barat - Timur

| Trip   | Kendaraan yang menyiap |            |          |          |          | Total     |           |
|--------|------------------------|------------|----------|----------|----------|-----------|-----------|
|        | Motor                  | Mobil Pen. | Angkot   | Bus      | Truk     |           |           |
|        | Kend smp               | Kend smp   | Kend smp | Kend smp | Kend smp | Kend smp  |           |
| 1      | 2 0.8                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 2 0.8     |
| 2      | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 0 0       |
| 3      | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 0 0       |
| 4      | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 0 0       |
| 5      | 4 1.6                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 4 1.6     |
| 6      | 2 0.8                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 2 0.8     |
| 7      | 1 0.4                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 1 0.4     |
| 8      | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 0 0       |
| 9      | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 0 0       |
| 10     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 0 0       |
| 11     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 0 0       |
| 12     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 0 0       |
| 13     | 7 2.8                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 7 2.8     |
| 14     | 4 1.6                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 4 1.6     |
| 15     | 3 1.2                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 3 1.2     |
| 16     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 0 0       |
| 17     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 0 0       |
| 18     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 0 0       |
| 19     | 2 0.8                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 2 0.8     |
| 20     | 1 0.4                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 1 0.4     |
| 21     | 1 0.4                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 1 0.4     |
| 22     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 0 0       |
| 23     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 0 0       |
| 24     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 0 0       |
| 25     | 2 0.8                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 2 0.8     |
| 26     | 3 1.2                  | 0 0        | 0 0      | 0 0      | 0 0      | 1 1.3     | 4 2.5     |
| 27     | 1 0.4                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 1 0.4     |
| 28     | 2 0.8                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 2 0.8     |
| 29     | 2 0.8                  | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 2 0.8     |
| 30     | 0 0                    | 0 0        | 0 0      | 0 0      | 0 0      | 0 0       | 0 0       |
| Jumlah | 37 14.8                | 0 0        | 0 0      | 0 0      | 0 0      | 1 1.3     | 38 16.1   |
| Rerata | 1.23 0.49              | 0 0        | 0 0      | 0 0      | 0 0      | 0.03 0.04 | 1.27 0.54 |



Tabel 33 Data Kendaraan Disiap, Waktu Perjalanan, dan Waktu Tunda

Hari/Tanggal : Rabu, 15 Oktober 2003

Waktu : 15:00 – 17:00

Arah : Barat - Timur

| Trip   | Kendaraan yang disiap |            |           |          |          | Total     | Wkt Perj. | Wkt Tund. |
|--------|-----------------------|------------|-----------|----------|----------|-----------|-----------|-----------|
|        | Motor                 | Mobil Pen. | Angkot    | Bus      | Truk     |           |           |           |
|        | Kend smp              | Kend smp   | Kend smp  | Kend smp | Kend smp | Kend smp  | (detik)   | (detik)   |
| 1      | 2 0.8                 | 0 0        | 4 4       | 0 0      | 0 0      | 6 4.8     | 66.73     | 0         |
| 2      | 3 1.2                 | 0 0        | 1 1       | 0 0      | 0 0      | 4 2.2     | 74.81     | 2.75      |
| 3      | 0 0                   | 0 0        | 5 5       | 0 0      | 1 1.3    | 6 6.3     | 71.45     | 0         |
| 4      | 0 0                   | 0 0        | 3 3       | 0 0      | 0 0      | 3 3       | 76.75     | 0         |
| 5      | 1 0.4                 | 0 0        | 4 4       | 0 0      | 0 0      | 5 4.4     | 67.63     | 0         |
| 6      | 2 0.8                 | 0 0        | 0 0       | 0 0      | 0 0      | 2 0.8     | 74.63     | 0         |
| 7      | 1 0.4                 | 2 2        | 0 0       | 0 0      | 0 0      | 3 2.4     | 60.15     | 0         |
| 8      | 1 0.4                 | 1 1        | 1 1       | 0 0      | 1 1.3    | 4 3.7     | 69.82     | 0         |
| 9      | 4 1.6                 | 1 1        | 2 2       | 0 0      | 0 0      | 7 4.6     | 78.44     | 0         |
| 10     | 4 1.6                 | 0 0        | 0 0       | 0 0      | 0 0      | 4 1.6     | 70.44     | 0         |
| 11     | 3 1.2                 | 0 0        | 3 3       | 0 0      | 2 2.6    | 8 6.8     | 61.68     | 0         |
| 12     | 0 0                   | 0 0        | 0 0       | 0 0      | 0 0      | 0 0       | 75.77     | 4.79      |
| 13     | 0 0                   | 0 0        | 1 1       | 0 0      | 0 0      | 1 1       | 65.88     | 0         |
| 14     | 0 0                   | 0 0        | 1 1       | 0 0      | 0 0      | 1 1       | 69.73     | 0         |
| 15     | 0 0                   | 1 1        | 2 2       | 0 0      | 1 1.3    | 4 4.3     | 79.22     | 5.65      |
| 16     | 1 0.4                 | 1 1        | 4 4       | 0 0      | 1 1.3    | 7 6.7     | 65.61     | 0         |
| 17     | 1 0.4                 | 1 1        | 3 3       | 0 0      | 0 0      | 5 4.4     | 64.66     | 0         |
| 18     | 2 0.8                 | 0 0        | 0 0       | 0 0      | 0 0      | 2 0.8     | 73.71     | 2.48      |
| 19     | 5 2                   | 0 0        | 0 0       | 0 0      | 0 0      | 5 2       | 60.45     | 0         |
| 20     | 3 1.2                 | 2 2        | 4 4       | 0 0      | 0 0      | 9 7.2     | 65.95     | 0         |
| 21     | 0 0                   | 0 0        | 1 1       | 0 0      | 0 0      | 1 1       | 77.87     | 0         |
| 22     | 0 0                   | 0 0        | 1 1       | 0 0      | 0 0      | 1 1       | 82.33     | 4.28      |
| 23     | 3 1.2                 | 1 1        | 2 2       | 0 0      | 0 0      | 6 4.2     | 69.59     | 0         |
| 24     | 0 0                   | 0 0        | 2 2       | 0 0      | 1 1.3    | 3 3.3     | 74.53     | 0         |
| 25     | 0 0                   | 0 0        | 3 3       | 0 0      | 0 0      | 3 3       | 59.57     | 0         |
| 26     | 0 0                   | 1 1        | 1 1       | 0 0      | 0 0      | 2 2       | 78.22     | 7.54      |
| 27     | 0 0                   | 1 1        | 0 0       | 0 0      | 0 0      | 1 1       | 68.92     | 0         |
| 28     | 1 0.4                 | 0 0        | 0 0       | 0 0      | 0 0      | 1 0.4     | 70.25     | 0         |
| 29     | 0 0                   | 1 1        | 2 2       | 0 0      | 0 0      | 3 3       | 67.35     | 0         |
| 30     | 1 0.4                 | 2 2        | 2 2       | 0 0      | 0 0      | 5 4.4     | 64.31     | 2.05      |
| Jumlah | 38 15.2               | 15 15      | 52 52     | 0 0      | 7 9.1    | 112 91.3  | 2106.45   | 29.54     |
| Rerata | 1.27 0.51             | 0.5 0.5    | 1.73 1.73 | 0 0      | 0.23 0.3 | 3.73 3.04 | 70.22     | 0.98      |

Tabel 34 Data Kendaraan Berpapasan

Hari/Tanggal : Rabu, 15 Oktober 2003

Waktu : 15:00 – 17:00

Arah : Timur - Barat

| Trip   | Kendaraan yang berpapasan |       |            |       |        |      |      |      |      |      | Total |       |
|--------|---------------------------|-------|------------|-------|--------|------|------|------|------|------|-------|-------|
|        | Motor                     |       | Mobil Pen. |       | Angkot |      | Bus  |      | Truk |      |       |       |
|        | Kend                      | smp   | Kend       | smp   | Kend   | smp  | Kend | smp  | Kend | smp  | Kend  | smp   |
| 1      | 25                        | 10    | 21         | 21    | 5      | 5    | 0    | 0    | 2    | 2.6  | 53    | 38.6  |
| 2      | 29                        | 11.6  | 10         | 10    | 7      | 7    | 0    | 0    | 0    | 0    | 46    | 28.6  |
| 3      | 17                        | 6.8   | 11         | 11    | 4      | 4    | 0    | 0    | 2    | 2.6  | 34    | 24.4  |
| 4      | 18                        | 7.2   | 14         | 14    | 1      | 1    | 0    | 0    | 0    | 0    | 33    | 22.2  |
| 5      | 16                        | 6.4   | 22         | 22    | 7      | 7    | 0    | 0    | 0    | 0    | 45    | 35.4  |
| 6      | 19                        | 7.6   | 19         | 19    | 2      | 2    | 0    | 0    | 1    | 1.3  | 41    | 29.9  |
| 7      | 21                        | 8.4   | 14         | 14    | 1      | 1    | 0    | 0    | 0    | 0    | 36    | 23.4  |
| 8      | 22                        | 8.8   | 10         | 10    | 6      | 6    | 0    | 0    | 1    | 1.3  | 39    | 26.1  |
| 9      | 20                        | 8     | 11         | 11    | 6      | 6    | 0    | 0    | 0    | 0    | 37    | 25    |
| 10     | 17                        | 6.8   | 14         | 14    | 2      | 2    | 0    | 0    | 2    | 2.6  | 35    | 25.4  |
| 11     | 28                        | 11.2  | 13         | 13    | 6      | 6    | 0    | 0    | 0    | 0    | 47    | 30.2  |
| 12     | 16                        | 6.4   | 14         | 14    | 5      | 5    | 1    | 1.3  | 0    | 0    | 36    | 26.7  |
| 13     | 17                        | 6.8   | 14         | 14    | 12     | 12   | 0    | 0    | 3    | 3.9  | 46    | 36.7  |
| 14     | 15                        | 6     | 18         | 18    | 9      | 9    | 1    | 1.3  | 0    | 0    | 43    | 34.3  |
| 15     | 15                        | 6     | 22         | 22    | 8      | 8    | 0    | 0    | 1    | 1.3  | 46    | 37.3  |
| 16     | 26                        | 10.4  | 18         | 18    | 2      | 2    | 0    | 0    | 0    | 0    | 46    | 30.4  |
| 17     | 17                        | 6.8   | 12         | 12    | 1      | 1    | 0    | 0    | 0    | 0    | 30    | 19.8  |
| 18     | 17                        | 6.8   | 9          | 9     | 3      | 3    | 0    | 0    | 2    | 2.6  | 31    | 21.4  |
| 19     | 22                        | 8.8   | 12         | 12    | 4      | 4    | 1    | 1.3  | 3    | 3.9  | 42    | 30    |
| 20     | 21                        | 8.4   | 13         | 13    | 5      | 5    | 0    | 0    | 0    | 0    | 39    | 26.4  |
| 21     | 22                        | 8.8   | 12         | 12    | 2      | 2    | 0    | 0    | 0    | 0    | 36    | 22.8  |
| 22     | 25                        | 10    | 20         | 20    | 5      | 5    | 0    | 0    | 3    | 3.9  | 53    | 38.9  |
| 23     | 21                        | 8.4   | 19         | 19    | 8      | 8    | 0    | 0    | 0    | 0    | 48    | 35.4  |
| 24     | 22                        | 8.8   | 24         | 24    | 7      | 7    | 0    | 0    | 1    | 1.3  | 54    | 41.1  |
| 25     | 29                        | 11.6  | 33         | 33    | 7      | 7    | 0    | 0    | 1    | 1.3  | 70    | 52.9  |
| 26     | 23                        | 9.2   | 22         | 22    | 4      | 4    | 1    | 1.3  | 0    | 0    | 50    | 36.5  |
| 27     | 29                        | 11.6  | 12         | 12    | 2      | 2    | 0    | 0    | 0    | 0    | 43    | 25.6  |
| 28     | 17                        | 6.8   | 24         | 24    | 11     | 11   | 0    | 0    | 0    | 0    | 52    | 41.8  |
| 29     | 21                        | 8.4   | 17         | 17    | 5      | 5    | 0    | 0    | 0    | 0    | 43    | 30.4  |
| 30     | 17                        | 6.8   | 23         | 23    | 2      | 2    | 1    | 1.3  | 1    | 1.3  | 44    | 34.4  |
| Jumlah | 624                       | 249.6 | 497        | 497   | 149    | 149  | 5    | 6.5  | 23   | 29.9 | 1298  | 932   |
| Rerata | 20.8                      | 8.32  | 16.57      | 16.57 | 4.97   | 4.97 | 0.17 | 0.22 | 0.77 | 1    | 43.27 | 31.07 |

Tabel 35 Data Kendaraan Menyiap

Hari/Tanggal : Rabu, 15 Oktober 2003

Waktu : 15:00 – 17:00

Arah : Timur - Barat

| Trip   | Kendaraan yang menyiap |      |            |     |        |      |      |     |      |     | Total |      |
|--------|------------------------|------|------------|-----|--------|------|------|-----|------|-----|-------|------|
|        | Motor                  |      | Mobil Pen. |     | Angkot |      | Bus  |     | Truk |     |       |      |
|        | Kend                   | smp  | Kend       | smp | Kend   | smp  | Kend | smp | Kend | smp | Kend  | smp  |
| 1      | 1                      | 0.4  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 2      | 3                      | 1.2  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 3     | 1.2  |
| 3      | 0                      | 0    | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 0     | 0    |
| 4      | 0                      | 0    | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 0     | 0    |
| 5      | 1                      | 0.4  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 6      | 1                      | 0.4  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 7      | 0                      | 0    | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 0     | 0    |
| 8      | 3                      | 1.2  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 3     | 1.2  |
| 9      | 3                      | 1.2  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 3     | 1.2  |
| 10     | 1                      | 0.4  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 11     | 3                      | 1.2  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 3     | 1.2  |
| 12     | 1                      | 0.4  | 2          | 2   | 0      | 0    | 0    | 0   | 0    | 0   | 3     | 2.4  |
| 13     | 0                      | 0    | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 0     | 0    |
| 14     | 0                      | 0    | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 0     | 0    |
| 15     | 0                      | 0    | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 0     | 0    |
| 16     | 0                      | 0    | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 0     | 0    |
| 17     | 0                      | 0    | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 0     | 0    |
| 18     | 1                      | 0.4  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 19     | 5                      | 2    | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 5     | 2    |
| 20     | 4                      | 1.6  | 1          | 1   | 0      | 0    | 0    | 0   | 0    | 0   | 5     | 2.6  |
| 21     | 4                      | 1.6  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 4     | 1.6  |
| 22     | 1                      | 0.4  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 23     | 2                      | 0.8  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 2     | 0.8  |
| 24     | 2                      | 0.8  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 2     | 0.8  |
| 25     | 2                      | 0.8  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 2     | 0.8  |
| 26     | 3                      | 1.2  | 0          | 0   | 1      | 1    | 0    | 0   | 0    | 0   | 4     | 2.2  |
| 27     | 1                      | 0.4  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 1     | 0.4  |
| 28     | 2                      | 0.8  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 2     | 0.8  |
| 29     | 2                      | 0.8  | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 2     | 0.8  |
| 30     | 0                      | 0    | 0          | 0   | 0      | 0    | 0    | 0   | 0    | 0   | 0     | 0    |
| Jumlah | 46                     | 18.4 | 3          | 3   | 1      | 1    | 0    | 0   | 0    | 0   | 50    | 22.4 |
| Rerata | 1.53                   | 0.61 | 0.1        | 0.1 | 0.03   | 0.03 | 0    | 0   | 0    | 0   | 1.67  | 0.75 |

Tabel 36 Data Kendaraan Disiap, Waktu Perjalanan, dan Waktu Tunda

Hari/Tanggal : Rabu, 15 Oktober 2003

Waktu : 15:00 – 17:00

Arah : Timur - Barat

| Trip   | Kendaraan yang disiap |            |           |          |          | Total    | Wkt Perj. | Wkt Tund. |
|--------|-----------------------|------------|-----------|----------|----------|----------|-----------|-----------|
|        | Motor                 | Mobil Pen. | Angkot    | Bus      | Truk     |          |           |           |
|        | Kend smp              | Kend smp   | Kend smp  | Kend smp | Kend smp | Kend smp | (detik)   | (detik)   |
| 1      | 3 1.2                 | 0 0        | 1 1       | 0 0      | 0 0      | 4 2.2    | 66.74     | 0         |
| 2      | 3 1.2                 | 2 2        | 2 2       | 0 0      | 0 0      | 7 5.2    | 68.68     | 0         |
| 3      | 3 1.2                 | 1 1        | 5 5       | 0 0      | 0 0      | 9 7.2    | 72.28     | 0         |
| 4      | 2 0.8                 | 0 0        | 0 0       | 0 0      | 0 0      | 2 0.8    | 73.55     | 0         |
| 5      | 2 0.8                 | 4 4        | 6 6       | 0 0      | 0 0      | 12 10.8  | 83.76     | 3.65      |
| 6      | 0 0                   | 2 2        | 3 3       | 0 0      | 0 0      | 5 5      | 67.71     | 0         |
| 7      | 1 0.4                 | 1 1        | 2 2       | 0 0      | 0 0      | 4 3.4    | 73.34     | 0         |
| 8      | 0 0                   | 0 0        | 0 0       | 0 0      | 0 0      | 0 0      | 76.65     | 0         |
| 9      | 1 0.4                 | 0 0        | 0 0       | 0 0      | 0 0      | 1 0.4    | 64.49     | 0         |
| 10     | 0 0                   | 1 1        | 1 1       | 0 0      | 0 0      | 2 2      | 81.24     | 2.43      |
| 11     | 1 0.4                 | 2 2        | 2 2       | 0 0      | 0 0      | 5 4.4    | 72.93     | 0         |
| 12     | 1 0.4                 | 0 0        | 1 1       | 0 0      | 1 1.3    | 3 2.7    | 78.85     | 1.12      |
| 13     | 0 0                   | 0 0        | 1 1       | 0 0      | 0 0      | 1 1      | 72.25     | 0         |
| 14     | 3 1.2                 | 5 5        | 1 1       | 0 0      | 0 0      | 9 7.2    | 66.58     | 0         |
| 15     | 4 1.6                 | 0 0        | 0 0       | 0 0      | 0 0      | 4 1.6    | 80.24     | 0         |
| 16     | 0 0                   | 1 1        | 0 0       | 0 0      | 0 0      | 1 1      | 65.72     | 0         |
| 17     | 1 0.4                 | 2 2        | 3 3       | 0 0      | 0 0      | 6 5.4    | 62.24     | 0         |
| 18     | 1 0.4                 | 0 0        | 1 1       | 0 0      | 2 2.6    | 4 4      | 60.03     | 0         |
| 19     | 0 0                   | 1 1        | 0 0       | 0 0      | 0 0      | 1 1      | 63.17     | 0         |
| 20     | 0 0                   | 0 0        | 0 0       | 0 0      | 0 0      | 0 0      | 65.52     | 0         |
| 21     | 0 0                   | 2 2        | 2 2       | 0 0      | 0 0      | 4 4      | 63.51     | 0         |
| 22     | 1 0.4                 | 4 4        | 0 0       | 0 0      | 0 0      | 5 4.4    | 61.11     | 0         |
| 23     | 2 0.8                 | 0 0        | 1 1       | 0 0      | 0 0      | 3 1.8    | 69.36     | 0         |
| 24     | 0 0                   | 4 4        | 0 0       | 0 0      | 0 0      | 4 4      | 68.51     | 0         |
| 25     | 0 0                   | 0 0        | 3 3       | 0 0      | 0 0      | 3 3      | 104.82    | 10.34     |
| 26     | 0 0                   | 1 1        | 1 1       | 0 0      | 0 0      | 2 2      | 62.58     | 0         |
| 27     | 0 0                   | 1 1        | 0 0       | 0 0      | 0 0      | 1 1      | 70.52     | 0         |
| 28     | 1 0.4                 | 0 0        | 0 0       | 0 0      | 0 0      | 1 0.4    | 81.8      | 1.26      |
| 29     | 0 0                   | 1 1        | 2 2       | 0 0      | 0 0      | 3 3      | 71.24     | 0         |
| 30     | 1 0.4                 | 2 2        | 2 2       | 0 0      | 0 0      | 5 4.4    | 76.09     | 0         |
| Jumlah | 31 12.4               | 37 37      | 40 40     | 0 0      | 3 3.9    | 111 93.3 | 2145.51   | 18.8      |
| Erata  | 1.03 0.41             | 1.23 1.23  | 1.33 1.33 | 0 0      | 0.1 0.13 | 3.7 3.11 | 71.52     | 0.63      |

Tabel 37 Perhitungan Volume dan Waktu Tempuh

Hari/Tanggal : Selasa, 14 Oktober 2003

Waktu : 08:00 – 10:00

Arah : Barat - Timur

| Trip   | Berpapasan<br>( $X_B$ )<br>(smp) | Menyiap<br>( $O_T$ )<br>(smp) | Disiap<br>( $P_T$ )<br>(smp) | $Y_T$<br>( $O_T - P_T$ )<br>(smp) | Waktu<br>( $W_T$ )<br>(detik) | Volume<br>( $Q_T$ )<br>(smp/jam) | $\overline{W}$<br>( $\overline{W}_T$ )<br>(detik) |
|--------|----------------------------------|-------------------------------|------------------------------|-----------------------------------|-------------------------------|----------------------------------|---|
| 1      | 16.4                             | 0.8                           | 2.8                          | -2                                | 71.45                         | 777.53                           | 71.45   |
| 2      | 26.7                             | 0.4                           | 7.3                          | -6.9                              | 64.21                         | 702.99                           | 64.21   |
| 3      | 31.8                             | 1.2                           | 1.4                          | -0.2                              | 78.54                         | 1057.44                          | 78.54   |
| 4      | 40                               | 1.2                           | 2.8                          | -1.6                              | 62.31                         | 1011.74                          | 62.31   |
| 5      | 27.3                             | 1.2                           | 2.8                          | -1.6                              | 64.82                         | 915.17                           | 64.82   |
| 6      | 37.3                             | 2.8                           | 1.4                          | 1.4                               | 77.16                         | 1026.51                          | 77.16   |
| 7      | 22.2                             | 0.4                           | 3.2                          | -2.8                              | 70.17                         | 857.71                           | 70.17   |
| 8      | 30.1                             | 0.4                           | 11.8                         | -11.4                             | 63.54                         | 879.67                           | 63.54   |
| 9      | 31.2                             | 1.6                           | 2                            | -0.4                              | 71.45                         | 1170.14                          | 71.45   |
| 10     | 27.2                             | 1.6                           | 9.8                          | -8.2                              | 72.44                         | 829.37                           | 72.44   |
| 11     | 21.4                             | 0                             | 5.2                          | -5.2                              | 70.54                         | 844.68                           | 70.54   |
| 12     | 33.4                             | 2                             | 4.4                          | -2.4                              | 68.64                         | 1001.42                          | 68.64   |
| 13     | 39.4                             | 6.6                           | 1.4                          | 5.2                               | 88.25                         | 1034.76                          | 88.25   |
| 14     | 33.6                             | 1.8                           | 1                            | 0.8                               | 80.31                         | 1011.67                          | 80.31   |
| 15     | 34.7                             | 1.2                           | 2                            | -0.8                              | 75.53                         | 1308.21                          | 75.53   |
| 16     | 35.8                             | 2.4                           | 6.1                          | -3.7                              | 70.55                         | 1124.34                          | 70.55   |
| 17     | 25.4                             | 0.4                           | 10.3                         | -9.9                              | 65.37                         | 1453.06                          | 65.37   |
| 18     | 29                               | 0.4                           | 4.4                          | -4                                | 74.45                         | 1194.48                          | 74.45   |
| 19     | 30.4                             | 0.8                           | 5.4                          | -4.6                              | 63.29                         | 884.66                           | 63.29   |
| 20     | 24.7                             | 0                             | 2.6                          | -2.6                              | 64.66                         | 821.39                           | 64.66   |
| 21     | 24.1                             | 0                             | 5.6                          | -5.6                              | 71.87                         | 808.04                           | 71.87   |
| 22     | 24.4                             | 1.6                           | 6.5                          | -4.9                              | 77.57                         | 829.41                           | 77.57   |
| 23     | 32.6                             | 0.8                           | 7.7                          | -6.9                              | 72.93                         | 867.04                           | 72.93   |
| 24     | 19.6                             | 2.8                           | 4                            | -1.2                              | 80.12                         | 944.79                           | 80.12   |
| 25     | 30.4                             | 0                             | 5.3                          | -5.3                              | 79.27                         | 560.49                           | 79.27   |
| 26     | 28                               | 2                             | 8.9                          | -6.9                              | 61.85                         | 581.24                           | 61.85   |
| 27     | 30.9                             | 2                             | 5.2                          | -3.2                              | 69.41                         | 794.55                           | 69.41   |
| 28     | 27.7                             | 6.4                           | 3                            | 3.4                               | 78.42                         | 632.99                           | 78.42   |
| 29     | 19.6                             | 3.8                           | 2                            | 1.8                               | 74.28                         | 1046.15                          | 74.28   |
| 30     | 29.7                             | 0.8                           | 10.2                         | -9.4                              | 71.25                         | 748.86                           | 71.25   |
| Total  | 865                              | 47.4                          | 146.5                        | -99.1                             | 2154.65                       |                                  |   |
| Rerata | 28.83                            | 1.58                          | 4.88                         | -3.30                             | 71.82                         | <b>921.56</b>                    | <b>71.82</b>                                      |

Tabel 38 Perhitungan Volume dan Waktu Tempuh

Hari/Tanggal : Selasa, 14 Oktober 2003

Waktu : 08:00 – 10:00

Arah : Timur - Barat

| Trip   | Berpapasan<br>( $X_T$ )<br>(smp) | Menyiap<br>( $O_B$ )<br>(smp) | Disiap<br>( $P_B$ )<br>(smp) | $Y_B$<br>( $O_B - P_B$ )<br>(smp) | Waktu<br>( $W_B$ )<br>(detik) | Volume<br>( $Q_B$ )<br>(smp/jam) | $\overline{W}$<br>( $\overline{W}_B$ )<br>(detik) |
|--------|----------------------------------|-------------------------------|------------------------------|-----------------------------------|-------------------------------|----------------------------------|---|
| 1      | 30.6                             | 1.6                           | 2.8                          | -1.2                              | 60.97                         | 413.23                           | 60.97   |
| 2      | 32.2                             | 1                             | 4.4                          | -3.4                              | 65.35                         | 647.42                           | 65.35   |
| 3      | 40.7                             | 2                             | 1.4                          | 0.6                               | 59.34                         | 845.95                           | 59.34   |
| 4      | 37.5                             | 0                             | 2.8                          | -2.8                              | 65.43                         | 1048.38                          | 65.43   |
| 5      | 39.6                             | 5.4                           | 1.4                          | 4                                 | 84.66                         | 753.81                           | 84.66   |
| 6      | 42.6                             | 1.2                           | 4.3                          | -3.1                              | 77.15                         | 797.87                           | 77.15   |
| 7      | 35.2                             | 0.4                           | 2                            | -1.6                              | 65.82                         | 545.33                           | 65.82   |
| 8      | 41.8                             | 1.2                           | 0                            | 1.2                               | 60.87                         | 905.71                           | 60.87   |
| 9      | 48.6                             | 1.6                           | 0.4                          | 1.2                               | 76.84                         | 786.57                           | 76.84   |
| 10     | 41.4                             | 0                             | 7.2                          | -7.2                              | 71.67                         | 499.62                           | 71.67   |
| 11     | 37.3                             | 0                             | 6.4                          | -6.4                              | 66.27                         | 394.71                           | 66.27   |
| 12     | 41.7                             | 0.8                           | 4.6                          | -3.8                              | 72.64                         | 754.25                           | 72.64   |
| 13     | 42.1                             | 3                             | 5.9                          | -2.9                              | 76.31                         | 798.49                           | 76.31   |
| 14     | 39.4                             | 0                             | 0.4                          | -0.4                              | 62.74                         | 835.51                           | 62.74   |
| 15     | 49.4                             | 0                             | 4                            | -4                                | 58.21                         | 826.38                           | 58.21   |
| 16     | 46.6                             | 0.4                           | 2.6                          | -2.2                              | 66.81                         | 880.61                           | 66.81   |
| 17     | 60.2                             | 0                             | 5                            | -5                                | 59.25                         | 589.31                           | 59.25   |
| 18     | 48                               | 0                             | 3.4                          | -3.4                              | 58.16                         | 694.97                           | 58.16   |
| 19     | 35.6                             | 0.4                           | 5.8                          | -5.4                              | 62.86                         | 713.44                           | 62.86   |
| 20     | 31.1                             | 0.4                           | 3.4                          | -3                                | 60.25                         | 625.41                           | 60.25   |
| 21     | 38                               | 3.2                           | 4.8                          | -1.6                              | 72.48                         | 561.14                           | 72.48   |
| 22     | 40.5                             | 0                             | 2                            | -2                                | 76.95                         | 521.87                           | 76.95   |
| 23     | 40.7                             | 0.4                           | 2.6                          | -2.2                              | 67.41                         | 779.82                           | 67.41   |
| 24     | 43.6                             | 0.8                           | 3                            | -2.2                              | 81.44                         | 387.72                           | 81.44   |
| 25     | 28.8                             | 0.4                           | 3.2                          | -2.8                              | 71.67                         | 658.27                           | 71.67   |
| 26     | 28.8                             | 0.4                           | 1.3                          | -0.9                              | 73.79                         | 719.26                           | 73.79   |
| 27     | 34.6                             | 0.4                           | 1                            | -0.6                              | 72.86                         | 766.71                           | 72.86   |
| 28     | 24.2                             | 0                             | 4.3                          | -4.3                              | 78.55                         | 536.66                           | 78.55   |
| 29     | 37.3                             | 0                             | 3.4                          | -3.4                              | 60.27                         | 433.44                           | 60.27   |
| 30     | 38.1                             | 1.2                           | 1.8                          | -0.6                              | 66.72                         | 759.30                           | 66.72   |
| Total  | 1176.2                           | 26.2                          | 95.6                         | -69.4                             | 2053.74                       |                                  |   |
| Rerata | 39.21                            | 0.87                          | 3.19                         | -2.31                             | 68.46                         | <b>680.58</b>                    | <b>68.46</b>                                      |

Tabel 39 Perhitungan Volume dan Waktu Tempuh

Hari/Tanggal : Selasa, 14 Oktober 2003

Waktu : 11:00 – 13:00

Arah : Barat - Timur

| Trip   | Berpapasan<br>( $X_B$ )<br>(smp) | Menyiap<br>( $O_T$ )<br>(smp) | Disiap<br>( $P_T$ )<br>(smp) | $Y_T$<br>( $O_T - P_T$ )<br>(smp) | Waktu<br>( $W_T$ )<br>(detik) | Volume<br>( $Q_T$ )<br>(smp/jam) | $\overline{W}$<br>( $\overline{W}_T$ )<br>(detik) |
|--------|----------------------------------|-------------------------------|------------------------------|-----------------------------------|-------------------------------|----------------------------------|---|
| 1      | 26.7                             | 2.6                           | 4.8                          | -2.2                              | 72.03                         | 620.96                           | 72.03   |
| 2      | 32.4                             | 1.8                           | 7.4                          | -5.6                              | 80.52                         | 832.10                           | 80.52   |
| 3      | 36.9                             | 0.4                           | 3.4                          | -3                                | 70.26                         | 1151.86                          | 70.26   |
| 4      | 27.6                             | 0                             | 6.2                          | -6.2                              | 73.25                         | 761.61                           | 73.25   |
| 5      | 32.2                             | 0.4                           | 6.6                          | -6.2                              | 69.32                         | 565.16                           | 69.32   |
| 6      | 32.2                             | 0                             | 3.4                          | -3.4                              | 68.48                         | 840.97                           | 68.48   |
| 7      | 32                               | 0.4                           | 3.4                          | -3                                | 66.37                         | 768.45                           | 66.37   |
| 8      | 35.3                             | 2.4                           | 10.4                         | -8                                | 70.63                         | 919.66                           | 70.63   |
| 9      | 32.4                             | 0.4                           | 2.4                          | -2                                | 76.13                         | 1067.63                          | 76.13   |
| 10     | 33.4                             | 0.8                           | 3.4                          | -2.6                              | 69.31                         | 991.88                           | 69.31   |
| 11     | 32.5                             | 1                             | 0                            | 1                                 | 71.25                         | 859.14                           | 71.25   |
| 12     | 24.9                             | 0                             | 0.4                          | -0.4                              | 66.41                         | 922.06                           | 66.41   |
| 13     | 33                               | 0.4                           | 3                            | -2.6                              | 69.88                         | 797.38                           | 69.88   |
| 14     | 35.6                             | 0.8                           | 2                            | -1.2                              | 65.45                         | 1073.20                          | 65.45   |
| 15     | 33.2                             | 0                             | 8.2                          | -8.2                              | 61.78                         | 1015.86                          | 61.78   |
| 16     | 34.9                             | 2.8                           | 1                            | 1.8                               | 71.22                         | 1345.99                          | 71.22   |
| 17     | 37.2                             | 1.2                           | 1                            | 0.2                               | 68.45                         | 1233.35                          | 68.45   |
| 18     | 38.7                             | 0                             | 1                            | -1                                | 77.27                         | 939.77                           | 77.27   |
| 19     | 36.4                             | 1.2                           | 6                            | -4.8                              | 86.29                         | 804.89                           | 86.29   |
| 20     | 36.8                             | 0.8                           | 5.6                          | -4.8                              | 80.76                         | 1010.04                          | 80.76   |
| 21     | 32                               | 2.8                           | 2                            | 0.8                               | 85.24                         | 870.41                           | 85.24   |
| 22     | 43.3                             | 1.6                           | 4.3                          | -2.7                              | 91.58                         | 545.39                           | 91.58   |
| 23     | 30.8                             | 4.6                           | 3.4                          | 1.2                               | 94.33                         | 865.53                           | 94.33   |
| 24     | 48                               | 1                             | 0.4                          | 0.6                               | 76.15                         | 937.22                           | 76.15   |
| 25     | 37                               | 1.6                           | 0.8                          | 0.8                               | 69.51                         | 914.95                           | 69.51   |
| 26     | 33.7                             | 0                             | 3.4                          | -3.4                              | 75.42                         | 878.63                           | 75.42   |
| 27     | 26.2                             | 1.2                           | 3                            | -1.8                              | 68.36                         | 944.57                           | 68.36   |
| 28     | 36.7                             | 0.8                           | 5                            | -4.2                              | 68.58                         | 1075.27                          | 68.58   |
| 29     | 33.1                             | 0                             | 1.3                          | -1.3                              | 65.81                         | 1164.07                          | 65.81   |
| 30     | 34                               | 0.4                           | 1.8                          | -1.4                              | 73.58                         | 849.86                           | 73.58   |
| Total  | 1019.10                          | 31.40                         | 105.00                       | -73.60                            | 2203.62                       |                                  |   |
| Rerata | 33.97                            | 1.05                          | 3.50                         | -2.45                             | 73.45                         | <b>913.76</b>                    | <b>73.45</b>                                      |

Tabel 40 Perhitungan Volume dan Waktu Tempuh

Hari/Tanggal : Selasa, 14 Oktober 2003

Waktu : 11:00 – 13:00

Arah : Timur - Barat

| Trip   | Berpapasan<br>( $X_T$ )<br>(smp) | Menyiap<br>( $O_B$ )<br>(smp) | Disiap<br>( $P_B$ )<br>(smp) | $Y_B$<br>( $O_B - P_B$ )<br>(smp) | Waktu<br>( $W_B$ )<br>(detik) | Volume<br>( $Q_B$ )<br>(smp/jam) | $\overline{W}$<br>( $\overline{W}_B$ )<br>(detik) |
|--------|----------------------------------|-------------------------------|------------------------------|-----------------------------------|-------------------------------|----------------------------------|---|
| 1      | 25.9                             | 0                             | 3                            | -3                                | 65.37                         | 620.96                           | 65.37   |
| 2      | 43.1                             | 1                             | 5.4                          | -4.4                              | 81.72                         | 621.30                           | 81.72   |
| 3      | 50.3                             | 0.4                           | 1.2                          | -0.8                              | 77.57                         | 879.12                           | 77.57   |
| 4      | 36.4                             | 0                             | 4                            | -4                                | 69.5                          | 595.17                           | 69.5  |
| 5      | 29.1                             | 0.4                           | 3.6                          | -3.2                              | 76.55                         | 715.71                           | 76.55   |
| 6      | 37.2                             | 0                             | 8                            | -8                                | 76.21                         | 602.11                           | 76.21   |
| 7      | 34.5                             | 0                             | 2                            | -2                                | 81.2                          | 731.86                           | 81.2  |
| 8      | 42.5                             | 0                             | 1                            | -1                                | 64.42                         | 914.33                           | 64.42   |
| 9      | 47.3                             | 0.8                           | 3.8                          | -3                                | 76.62                         | 692.90                           | 76.62   |
| 10     | 39.6                             | 0.4                           | 1.2                          | -0.8                              | 64.98                         | 873.93                           | 64.98   |
| 11     | 30.7                             | 0.4                           | 1                            | -0.6                              | 61.58                         | 864.56                           | 61.58   |
| 12     | 35.2                             | 0                             | 3                            | -3                                | 69.46                         | 580.26                           | 69.46   |
| 13     | 35.1                             | 0                             | 2                            | -2                                | 76.85                         | 760.58                           | 76.85   |
| 14     | 43.8                             | 0.4                           | 5.1                          | -4.7                              | 77.45                         | 778.45                           | 77.45   |
| 15     | 46.1                             | 1.2                           | 4                            | -2.8                              | 72.53                         | 814.83                           | 72.53   |
| 16     | 49                               | 0.4                           | 1.4                          | -1                                | 64.65                         | 898.21                           | 64.65   |
| 17     | 44.3                             | 0.4                           | 1.4                          | -1                                | 61.44                         | 1003.31                          | 61.44   |
| 18     | 39.1                             | 0                             | 1.3                          | -1.3                              | 68.68                         | 922.51                           | 68.68   |
| 19     | 42.5                             | 0.8                           | 1                            | -0.2                              | 82.33                         | 772.86                           | 82.33   |
| 20     | 48.1                             | 0                             | 0.4                          | -0.4                              | 73.57                         | 849.09                           | 73.57   |
| 21     | 39.2                             | 0                             | 0.8                          | -0.8                              | 80.2                          | 678.92                           | 80.2  |
| 22     | 28.5                             | 0.4                           | 1                            | -0.6                              | 78.72                         | 902.64                           | 78.72   |
| 23     | 36.4                             | 0.8                           | 1.8                          | -1                                | 62.06                         | 685.98                           | 62.06   |
| 24     | 36.6                             | 0                             | 3                            | -3                                | 66.74                         | 1133.74                          | 66.74   |
| 25     | 37.6                             | 0.8                           | 1                            | -0.2                              | 81.58                         | 876.83                           | 81.58   |
| 26     | 40                               | 1.2                           | 2.6                          | -1.4                              | 74.54                         | 775.41                           | 74.54   |
| 27     | 37.3                             | 0                             | 5.6                          | -5.6                              | 66.94                         | 548.12                           | 66.94   |
| 28     | 46.3                             | 1.2                           | 2.2                          | -1                                | 72.37                         | 911.81                           | 72.37   |
| 29     | 47.2                             | 1.2                           | 4.7                          | -3.5                              | 76.14                         | 750.69                           | 76.14   |
| 30     | 35                               | 0                             | 1                            | -1                                | 68.75                         | 834.68                           | 68.75   |
| Total  | 1183.90                          | 12.20                         | 77.50                        | -65.30                            | 2170.72                       |                                  |   |
| Rerata | 39.46                            | 0.41                          | 2.58                         | -2.18                             | 72.36                         | <b>784.96</b>                    | <b>72.36</b>                                      |



Tabel 41 Perhitungan Volume dan Waktu Tempuh

Hari/Tanggal : Selasa, 14 Oktober 2003

Waktu : 15:00 – 17:00

Arah : Barat - Timur

| Trip   | Berpapasan<br>( $X_B$ )<br>(smp) | Menyiap<br>( $O_T$ )<br>(smp) | Disiap<br>( $P_T$ )<br>(smp) | $Y_T$<br>( $O_T - P_T$ )<br>(smp) | Waktu<br>( $W_T$ )<br>(detik) | Volume<br>( $Q_T$ )<br>(smp/jam) | $\overline{W}$<br>( $\overline{W}_T$ )<br>(detik) |
|--------|----------------------------------|-------------------------------|------------------------------|-----------------------------------|-------------------------------|----------------------------------|---|
| 1      | 33.7                             | 0                             | 4.6                          | -4.6                              | 62.15                         | 565.09                           | 62.15   |
| 2      | 41.8                             | 2.2                           | 1.4                          | 0.8                               | 60.64                         | 925.92                           | 60.64   |
| 3      | 42.6                             | 0                             | 2.8                          | -2.8                              | 62.24                         | 1046.76                          | 62.24   |
| 4      | 38.8                             | 3.2                           | 2                            | 1.2                               | 67.33                         | 1154.10                          | 67.33   |
| 5      | 43.4                             | 0.4                           | 0.8                          | -0.4                              | 59.25                         | 1382.28                          | 59.25   |
| 6      | 46.1                             | 0.4                           | 1.6                          | -1.2                              | 58.11                         | 1476.08                          | 58.11   |
| 7      | 32.4                             | 0                             | 4.6                          | -4.6                              | 66.52                         | 1245.49                          | 66.52   |
| 8      | 47                               | 1.4                           | 5.1                          | -3.7                              | 64.84                         | 1074.71                          | 64.84   |
| 9      | 41.9                             | 0                             | 4                            | -4                                | 70.77                         | 798.28                           | 70.77   |
| 10     | 41                               | 1.2                           | 3.2                          | -2                                | 68.43                         | 650.98                           | 68.43   |
| 11     | 36.4                             | 0                             | 2                            | -2                                | 59.49                         | 777.88                           | 59.49   |
| 12     | 44.6                             | 1                             | 0.4                          | 0.6                               | 72.48                         | 826.85                           | 72.48   |
| 13     | 49.8                             | 1                             | 5                            | -4                                | 76.57                         | 742.87                           | 76.57   |
| 14     | 39.4                             | 0.8                           | 4                            | -3.2                              | 73.22                         | 677.73                           | 73.22   |
| 15     | 39.2                             | 0                             | 2.2                          | -2.2                              | 71.12                         | 944.68                           | 71.12   |
| 16     | 32                               | 0.4                           | 1.6                          | -1.2                              | 83.31                         | 897.03                           | 83.31   |
| 17     | 29.2                             | 2.8                           | 2.3                          | 0.5                               | 69.44                         | 688.30                           | 69.44   |
| 18     | 30.4                             | 1.2                           | 4                            | -2.8                              | 86.27                         | 513.00                           | 86.27   |
| 19     | 38                               | 2.2                           | 5.8                          | -3.6                              | 74.88                         | 763.79                           | 74.88   |
| 20     | 46.6                             | 1.6                           | 3                            | -1.4                              | 81.17                         | 841.08                           | 81.17   |
| 21     | 50                               | 0.4                           | 2.2                          | -1.8                              | 80.18                         | 749.82                           | 80.18   |
| 22     | 46.5                             | 2.6                           | 2                            | 0.6                               | 75.25                         | 1062.78                          | 75.25   |
| 23     | 42.6                             | 4.2                           | 3                            | 1.2                               | 84.92                         | 1326.68                          | 84.92   |
| 24     | 39.8                             | 3.8                           | 1                            | 2.8                               | 96.26                         | 1107.66                          | 96.26   |
| 25     | 43.6                             | 1.6                           | 1.4                          | 0.2                               | 75.55                         | 1028.06                          | 75.55   |
| 26     | 41.4                             | 1.6                           | 0                            | 1.6                               | 91.12                         | 989.68                           | 91.12   |
| 27     | 43.7                             | 2                             | 1                            | 1                                 | 87.67                         | 1040.47                          | 87.67   |
| 28     | 49.5                             | 2.8                           | 0                            | 2.8                               | 78.55                         | 1040.48                          | 78.55   |
| 29     | 48.2                             | 2.4                           | 2.4                          | 0                                 | 92.53                         | 1050.07                          | 92.53   |
| 30     | 42.7                             | 2                             | 1.8                          | 0.2                               | 85.79                         | 878.57                           | 85.79   |
| Total  | 1242.30                          | 43.20                         | 75.20                        | -32.00                            | 2236.05                       |                                  |   |
| Rerata | 41.41                            | 1.44                          | 2.51                         | -1.07                             | 74.54                         | <b>939.43</b>                    | <b>74.54</b>                                      |

Tabel 42 Perhitungan Volume dan Waktu Tempuh

Hari/Tanggal : Selasa, 14 Oktober 2003

Waktu : 15:00 – 17:00

Arah : Timur - Barat

| Trip   | Berpapasan<br>( $X_T$ )<br>(smp) | Menyiap<br>( $O_B$ )<br>(smp) | Disiap<br>( $P_B$ )<br>(smp) | $Y_B$<br>( $O_B - P_B$ )<br>(smp) | Waktu<br>( $W_B$ )<br>(detik) | Volume<br>( $Q_B$ )<br>(smp/jam) | $\overline{W}$<br>( $\overline{W}_B$ )<br>(detik) |
|--------|----------------------------------|-------------------------------|------------------------------|-----------------------------------|-------------------------------|----------------------------------|---|
| 1      | 24                               | 0.4                           | 5.6                          | -5.2                              | 61.44                         | 830.16                           | 61.44   |
| 2      | 31.8                             | 0.8                           | 0                            | 0.8                               | 66.11                         | 1209.94                          | 66.11   |
| 3      | 42.6                             | 0                             | 5.2                          | -5.2                              | 74.64                         | 983.64                           | 74.64   |
| 4      | 42.8                             | 0                             | 0.4                          | -0.4                              | 69.92                         | 1007.21                          | 69.92   |
| 5      | 45.9                             | 0.4                           | 3.2                          | -2.8                              | 59.25                         | 1233.42                          | 59.25   |
| 6      | 49.8                             | 0                             | 1.8                          | -1.8                              | 60.42                         | 1345.48                          | 60.42   |
| 7      | 49.5                             | 0                             | 2                            | -2                                | 63.26                         | 843.27                           | 63.26   |
| 8      | 41.5                             | 0.8                           | 0.4                          | 0.4                               | 61.78                         | 1347.65                          | 61.78   |
| 9      | 32.8                             | 0                             | 3.4                          | -3.4                              | 59.11                         | 1067.14                          | 59.11   |
| 10     | 24.9                             | 0                             | 1.2                          | -1.2                              | 58.21                         | 1131.40                          | 58.21   |
| 11     | 28.8                             | 0.4                           | 3                            | -2.6                              | 64.54                         | 981.05                           | 64.54   |
| 12     | 31.5                             | 0                             | 1.7                          | -1.7                              | 67.28                         | 1105.04                          | 67.28   |
| 13     | 34.6                             | 0                             | 4                            | -4                                | 71.72                         | 1111.88                          | 71.72   |
| 14     | 29.4                             | 0.4                           | 1                            | -0.6                              | 65.95                         | 1003.66                          | 65.95   |
| 15     | 41                               | 0                             | 5.2                          | -5.2                              | 76.74                         | 827.81                           | 76.74   |
| 16     | 40.5                             | 0.8                           | 3.6                          | -2.8                              | 74.41                         | 666.50                           | 74.41   |
| 17     | 28.2                             | 0                             | 0.4                          | -0.4                              | 80.67                         | 690.69                           | 80.67   |
| 18     | 26.8                             | 0                             | 5                            | -5                                | 82.15                         | 542.93                           | 82.15   |
| 19     | 35.1                             | 0                             | 1.4                          | -1.4                              | 73.59                         | 887.45                           | 73.59   |
| 20     | 39.8                             | 0.4                           | 0                            | 0.4                               | 83.19                         | 1029.45                          | 83.19   |
| 21     | 36.2                             | 0                             | 1.4                          | -1.4                              | 84.98                         | 1059.34                          | 84.98   |
| 22     | 44.4                             | 0.8                           | 3                            | -2.2                              | 77.18                         | 1046.25                          | 77.18   |
| 23     | 57.9                             | 0.4                           | 3                            | -2.6                              | 75.45                         | 897.92                           | 75.45   |
| 24     | 52.9                             | 0                             | 1.4                          | -1.4                              | 84.77                         | 763.63                           | 84.77   |
| 25     | 46.1                             | 0                             | 0                            | 0                                 | 86.58                         | 968.11                           | 86.58   |
| 26     | 47.4                             | 0.8                           | 2.8                          | -2                                | 87.12                         | 795.78                           | 87.12   |
| 27     | 48.2                             | 0                             | 3                            | -3                                | 82.56                         | 860.72                           | 82.56   |
| 28     | 42.4                             | 0.4                           | 1.2                          | -0.8                              | 77.84                         | 1121.04                          | 77.84   |
| 29     | 49.4                             | 0                             | 2                            | -2                                | 76.83                         | 982.05                           | 76.83   |
| 30     | 41.3                             | 0.4                           | 1.8                          | -1.4                              | 84.26                         | 874.33                           | 84.26   |
| Total  | 1187.50                          | 7.20                          | 68.10                        | -60.90                            | 2191.95                       |                                  |   |
| Rerata | 39.58                            | 0.24                          | 2.27                         | -2.03                             | 73.07                         | <b>960.49</b>                    | <b>73.07</b>                                      |

Tabel 43 Perhitungan Volume dan Waktu Tempuh

Hari/Tanggal : Rabu, 15 Oktober 2003

Waktu : 08:00 – 10:00

Arah : Barat - Timur

| Trip   | Berpapasan<br>( $X_B$ )<br>(smp) | Menyiap<br>( $O_T$ )<br>(smp) | Disiap<br>( $P_T$ )<br>(smp) | $Y_T$<br>( $O_T - P_T$ )<br>(smp) | Waktu<br>( $W_T$ )<br>(detik) | Volume<br>( $Q_T$ )<br>(smp/jam) | $\overline{W}$<br>( $\overline{W_T}$ )<br>(detik) |
|--------|----------------------------------|-------------------------------|------------------------------|-----------------------------------|-------------------------------|----------------------------------|---|
| 1      | 30.3                             | 0                             | 3.1                          | -3.1                              | 71.66                         | 518.89                           | 71.66   |
| 2      | 26.8                             | 0.4                           | 1.4                          | -1                                | 65.36                         | 809.20                           | 65.36   |
| 3      | 21.9                             | 0                             | 2                            | -2                                | 78.55                         | 684.35                           | 78.55   |
| 4      | 25.1                             | 0.4                           | 5.6                          | -5.2                              | 69.72                         | 552.85                           | 69.72   |
| 5      | 29.1                             | 0                             | 0                            | 0                                 | 65.23                         | 820.66                           | 65.23   |
| 6      | 26.9                             | 1.8                           | 0.4                          | 1.4                               | 71.33                         | 626.63                           | 71.33   |
| 7      | 29                               | 0                             | 0                            | 0                                 | 76.52                         | 721.17                           | 76.52   |
| 8      | 23.5                             | 0                             | 2                            | -2                                | 71.51                         | 836.19                           | 71.51   |
| 9      | 25.7                             | 0.4                           | 1.8                          | -1.4                              | 68.48                         | 929.05                           | 68.48   |
| 10     | 30.6                             | 0                             | 0                            | 0                                 | 69.93                         | 1065.59                          | 69.93   |
| 11     | 24.1                             | 0                             | 1.8                          | -1.8                              | 79.41                         | 711.76                           | 79.41   |
| 12     | 28.2                             | 0                             | 1.3                          | -1.3                              | 76.44                         | 687.20                           | 76.44   |
| 13     | 26.5                             | 0.4                           | 5.2                          | -4.8                              | 70.07                         | 600.26                           | 70.07   |
| 14     | 27.4                             | 0.8                           | 3.3                          | -2.5                              | 66.36                         | 883.42                           | 66.36   |
| 15     | 36.2                             | 0                             | 1.4                          | -1.4                              | 65.94                         | 649.12                           | 65.94   |
| 16     | 35.2                             | 0                             | 1                            | -1                                | 70.55                         | 806.72                           | 70.55   |
| 17     | 32.1                             | 0                             | 4.6                          | -4.6                              | 68.27                         | 747.75                           | 68.27   |
| 18     | 36.3                             | 0                             | 1                            | -1                                | 74.98                         | 820.91                           | 74.98   |
| 19     | 41.3                             | 0                             | 5                            | -5                                | 68.27                         | 686.77                           | 68.27   |
| 20     | 34.3                             | 1.2                           | 2                            | -0.8                              | 71.26                         | 1013.09                          | 71.26   |
| 21     | 32                               | 1.2                           | 2                            | -0.8                              | 62.35                         | 989.68                           | 62.35   |
| 22     | 34.7                             | 0                             | 1                            | -1                                | 79.85                         | 994.84                           | 79.85   |
| 23     | 37.7                             | 0.4                           | 0.8                          | -0.4                              | 75.28                         | 1077.88                          | 75.28   |
| 24     | 34.8                             | 0                             | 1                            | -1                                | 72.86                         | 955.26                           | 72.86   |
| 25     | 44.3                             | 0                             | 1.7                          | -1.7                              | 72.94                         | 1157.02                          | 72.94   |
| 26     | 38.9                             | 0                             | 0                            | 0                                 | 75.21                         | 1066.63                          | 75.21   |
| 27     | 35.4                             | 0.4                           | 1                            | -0.6                              | 86.29                         | 961.18                           | 86.29   |
| 28     | 39.7                             | 0                             | 3.2                          | -3.2                              | 80.58                         | 1167.98                          | 80.58   |
| 29     | 30.6                             | 0.4                           | 3.9                          | -3.5                              | 68.57                         | 1113.15                          | 68.57   |
| 30     | 22.2                             | 0                             | 2                            | -2                                | 74.08                         | 1151.06                          | 74.08   |
| Total  | 940.80                           | 7.80                          | 59.50                        | -51.70                            | 2167.85                       |                                  |   |
| Rerata | 31.36                            | 0.26                          | 1.98                         | -1.72                             | 72.26                         | <b>859.96</b>                    | <b>72.26</b>                                      |

Tabel 44 Perhitungan Volume dan Waktu Tempuh

Hari/Tanggal : Rabu, 15 Oktober 2003

Waktu : 08:00 – 10:00

Arah : Timur - Barat

| Trip   | Berpapasan<br>( $X_T$ )<br>(smp) | Menyiap<br>( $O_B$ )<br>(smp) | Disiap<br>( $P_B$ )<br>(smp) | $Y_B$<br>( $O_B - P_B$ )<br>(smp) | Waktu<br>( $W_B$ )<br>(detik) | Volume<br>( $Q_B$ )<br>(smp/jam) | $\overline{W}$<br>( $\overline{W}_B$ )<br>(detik) |
|--------|----------------------------------|-------------------------------|------------------------------|-----------------------------------|-------------------------------|----------------------------------|---|
| 1      | 22.4                             | 0                             | 1.4                          | -1.4                              | 62.24                         | 777.00                           | 62.24   |
| 2      | 31.7                             | 0.4                           | 3.3                          | -2.9                              | 71.22                         | 629.96                           | 71.22   |
| 3      | 29.8                             | 1.4                           | 1.8                          | -0.4                              | 67.69                         | 529.27                           | 67.69   |
| 4      | 24.9                             | 0                             | 4                            | -4                                | 58.56                         | 592.14                           | 58.56   |
| 5      | 29.4                             | 0.8                           | 4.4                          | -3.6                              | 63.74                         | 711.79                           | 63.74   |
| 6      | 22.6                             | 0                             | 7.4                          | -7.4                              | 66.55                         | 509.14                           | 66.55   |
| 7      | 28.3                             | 1.4                           | 2.5                          | -1.1                              | 64.75                         | 710.98                           | 64.75   |
| 8      | 32.6                             | 0                             | 6.4                          | -6.4                              | 60.23                         | 467.28                           | 60.23   |
| 9      | 34.5                             | 0.8                           | 7.6                          | -6.8                              | 59.78                         | 530.48                           | 59.78   |
| 10     | 40.3                             | 0.4                           | 7.4                          | -7                                | 66.22                         | 624.02                           | 66.22   |
| 11     | 31                               | 0.8                           | 6.2                          | -5.4                              | 68.28                         | 455.82                           | 68.28   |
| 12     | 32.6                             | 1.2                           | 1.3                          | -0.1                              | 87.53                         | 616.94                           | 87.53   |
| 13     | 28.1                             | 0                             | 4.8                          | -4.8                              | 69.67                         | 559.04                           | 69.67   |
| 14     | 34.6                             | 1.6                           | 4.8                          | -3.2                              | 64.45                         | 666.00                           | 64.45   |
| 15     | 26.4                             | 0                             | 0                            | 0                                 | 72.71                         | 939.92                           | 72.71   |
| 16     | 33.8                             | 2.2                           | 10                           | -7.8                              | 75.82                         | 673.91                           | 75.82   |
| 17     | 31.6                             | 0                             | 7.2                          | -7.2                              | 61.72                         | 689.59                           | 61.72   |
| 18     | 33.2                             | 1                             | 0.4                          | 0.6                               | 66.23                         | 940.73                           | 66.23   |
| 19     | 31.7                             | 0.4                           | 4.4                          | -4                                | 71.69                         | 959.42                           | 71.69   |
| 20     | 38                               | 0.8                           | 4.6                          | -3.8                              | 60.93                         | 830.62                           | 60.93   |
| 21     | 38.9                             | 0                             | 0                            | 0                                 | 76.24                         | 831.23                           | 76.24   |
| 22     | 42.8                             | 1.2                           | 6.1                          | -4.9                              | 71.41                         | 709.24                           | 71.41   |
| 23     | 42                               | 0                             | 2.4                          | -2.4                              | 63.66                         | 914.64                           | 63.66   |
| 24     | 38.6                             | 1.6                           | 4.2                          | -2.6                              | 68.84                         | 818.07                           | 68.84   |
| 25     | 46.3                             | 0                             | 4.3                          | -4.3                              | 65.83                         | 1037.69                          | 65.83   |
| 26     | 40.2                             | 2                             | 1.4                          | 0.6                               | 60.47                         | 1048.05                          | 60.47   |
| 27     | 44                               | 1                             | 0                            | 1                                 | 76.26                         | 806.15                           | 76.26   |
| 28     | 49.4                             | 0                             | 3.4                          | -3.4                              | 61.82                         | 917.70                           | 61.82   |
| 29     | 44.6                             | 0.4                           | 1.8                          | -1.4                              | 64.35                         | 790.85                           | 64.35   |
| 30     | 45.9                             | 0                             | 2.4                          | -2.4                              | 63.22                         | 519.16                           | 63.22   |
| Total  | 1050.20                          | 19.40                         | 115.90                       | -96.50                            | 2012.11                       |                                  |   |
| Rerata | 35.01                            | 0.65                          | 3.86                         | -3.22                             | 67.07                         | <b>727.16</b>                    | <b>67.07</b>                                      |

Tabel 45 Perhitungan Volume dan Waktu Tempuh

Hari/Tanggal : Rabu, 15 Oktober 2003

Waktu : 11:00 – 13:00

Arah : Barat - Timur

| Trip   | Berpapasan<br>( $X_B$ )<br>(smp) | Menyiap<br>( $O_T$ )<br>(smp) | Disiap<br>( $P_T$ )<br>(smp) | $Y_T$<br>( $O_T - P_T$ )<br>(smp) | Waktu<br>( $W_T$ )<br>(detik) | Volume<br>( $Q_T$ )<br>(smp/jam) | $\overline{W}$<br>( $\overline{W}_T$ )<br>(detik) |
|--------|----------------------------------|-------------------------------|------------------------------|-----------------------------------|-------------------------------|----------------------------------|---|
| 1      | 22.9                             | 0.4                           | 3.4                          | -3                                | 64.08                         | 881.99                           | 64.08   |
| 2      | 33.6                             | 1.8                           | 2.8                          | -1                                | 71.22                         | 869.45                           | 71.22   |
| 3      | 31.9                             | 0.4                           | 3                            | -2.6                              | 68.79                         | 1205.26                          | 68.79   |
| 4      | 30.4                             | 0.4                           | 3.6                          | -3.2                              | 63.43                         | 919.93                           | 63.43   |
| 5      | 27.6                             | 1.2                           | 3.4                          | -2.2                              | 70.28                         | 675.77                           | 70.28   |
| 6      | 24.1                             | 0.4                           | 6.8                          | -6.4                              | 73.32                         | 806.72                           | 73.32   |
| 7      | 27.5                             | 0                             | 0                            | 0                                 | 70.58                         | 1102.22                          | 70.58   |
| 8      | 29.4                             | 0                             | 2                            | -2                                | 77.91                         | 794.33                           | 77.91   |
| 9      | 33                               | 1                             | 0                            | 1                                 | 62.54                         | 1046.38                          | 62.54   |
| 10     | 44                               | 0                             | 2.4                          | -2.4                              | 69.26                         | 786.91                           | 69.26   |
| 11     | 33.1                             | 0                             | 0                            | 0                                 | 56.76                         | 1182.50                          | 56.76   |
| 12     | 38.5                             | 0                             | 2.8                          | -2.8                              | 72.22                         | 855.63                           | 72.22   |
| 13     | 38.9                             | 0.4                           | 2                            | -1.6                              | 69.52                         | 1140.65                          | 69.52   |
| 14     | 40.4                             | 0                             | 4.2                          | -4.2                              | 68.26                         | 890.26                           | 68.26   |
| 15     | 35                               | 0                             | 4.6                          | -4.6                              | 70.11                         | 769.10                           | 70.11   |
| 16     | 38.7                             | 0.4                           | 1                            | -0.6                              | 81.51                         | 767.51                           | 81.51   |
| 17     | 43.1                             | 0.8                           | 0.8                          | 0                                 | 66.16                         | 845.14                           | 66.16   |
| 18     | 35.3                             | 0                             | 4                            | -4                                | 59.27                         | 555.65                           | 59.27   |
| 19     | 38.4                             | 0.4                           | 5.6                          | -5.2                              | 62.58                         | 1104.47                          | 62.58   |
| 20     | 44.7                             | 0                             | 5                            | -5                                | 68.12                         | 840.43                           | 68.12   |
| 21     | 29.3                             | 0                             | 3.2                          | -3.2                              | 69.47                         | 1309.96                          | 69.47   |
| 22     | 36.6                             | 0                             | 2                            | -2                                | 76.13                         | 1107.91                          | 76.13   |
| 23     | 32.9                             | 0.8                           | 1                            | -0.2                              | 72.44                         | 883.13                           | 72.44   |
| 24     | 39                               | 0                             | 2                            | -2                                | 58.51                         | 864.26                           | 58.51   |
| 25     | 25                               | 1.4                           | 3.6                          | -2.2                              | 76.44                         | 749.53                           | 76.44   |
| 26     | 31                               | 1.2                           | 1                            | 0.2                               | 65.42                         | 930.40                           | 65.42   |
| 27     | 32.1                             | 0.8                           | 0.8                          | 0                                 | 62.52                         | 946.50                           | 62.52   |
| 28     | 23.6                             | 0                             | 2.7                          | -2.7                              | 58.45                         | 683.14                           | 58.45   |
| 29     | 25.7                             | 0.4                           | 0                            | 0.4                               | 62.68                         | 1198.80                          | 62.68   |
| 30     | 32.2                             | 0                             | 4.4                          | -4.4                              | 60.73                         | 1021.07                          | 60.73   |
| Total  | 997.90                           | 12.20                         | 78.10                        | -65.90                            | 2028.71                       |                                  |   |
| Rerata | 33.26                            | 0.41                          | 2.60                         | -2.20                             | 67.62                         | <b>917.60</b>                    | <b>67.62</b>                                      |

Tabel 46 Perhitungan Volume dan Waktu Tempuh

Hari/Tanggal : Rabu, 15 Oktober 2003

Waktu : 11:00 – 13:00

Arah : Timur - Barat

| Trip   | Berpapasan<br>( $X_T$ )<br>(smp) | Menyiap<br>( $O_B$ )<br>(smp) | Disiap<br>( $P_B$ )<br>(smp) | $Y_B$<br>( $O_B - P_B$ )<br>(smp) | Waktu<br>( $W_B$ )<br>(detik) | Volume<br>( $Q_B$ )<br>(smp/jam) | $\overline{W}$<br>( $\overline{W}_B$ )<br>(detik) |
|--------|----------------------------------|-------------------------------|------------------------------|-----------------------------------|-------------------------------|----------------------------------|---|
| 1      | 36.8                             | 1.2                           | 5.6                          | -4.4                              | 73.88                         | 482.75                           | 73.88   |
| 2      | 36.5                             | 0.4                           | 4.2                          | -3.8                              | 75.77                         | 729.85                           | 75.77   |
| 3      | 47.7                             | 0                             | 9.2                          | -9.2                              | 65.92                         | 606.64                           | 65.92   |
| 4      | 39.2                             | 1.2                           | 2.8                          | -1.6                              | 77.45                         | 735.95                           | 77.45   |
| 5      | 31.2                             | 0.8                           | 1.4                          | -0.6                              | 84.21                         | 629.17                           | 84.21   |
| 6      | 36.8                             | 1.2                           | 4.2                          | -3                                | 62.34                         | 559.93                           | 62.34   |
| 7      | 42.8                             | 1.2                           | 8.6                          | -7.4                              | 69.21                         | 517.63                           | 69.21   |
| 8      | 35                               | 0.4                           | 6                            | -5.6                              | 71.65                         | 572.88                           | 71.65   |
| 9      | 37.1                             | 2                             | 9.2                          | -7.2                              | 68.54                         | 708.57                           | 68.54   |
| 10     | 33.4                             | 0.4                           | 6                            | -5.6                              | 72.56                         | 974.76                           | 72.56   |
| 11     | 40.1                             | 0.4                           | 6.6                          | -6.2                              | 65.32                         | 793.25                           | 65.32   |
| 12     | 39.1                             | 0.4                           | 3                            | -2.6                              | 80.51                         | 846.20                           | 80.51   |
| 13     | 45.1                             | 0                             | 2.4                          | -2.4                              | 67.77                         | 957.10                           | 67.77   |
| 14     | 42.8                             | 0                             | 1.8                          | -1.8                              | 87.83                         | 890.26                           | 87.83   |
| 15     | 37.4                             | 1.6                           | 4.4                          | -2.8                              | 83.42                         | 755.03                           | 83.42   |
| 16     | 37.5                             | 1.6                           | 6                            | -4.4                              | 91.57                         | 713.43                           | 91.57   |
| 17     | 34.2                             | 0                             | 8                            | -8                                | 79.52                         | 867.38                           | 79.52   |
| 18     | 26.3                             | 0.8                           | 9                            | -8.2                              | 85.21                         | 675.25                           | 85.21   |
| 19     | 44.2                             | 1.2                           | 7.4                          | -6.2                              | 64.54                         | 911.89                           | 64.54   |
| 20     | 36.6                             | 0.8                           | 8.2                          | -7.4                              | 67.24                         | 992.02                           | 67.24   |
| 21     | 52.8                             | 0.4                           | 5.4                          | -5                                | 66.84                         | 641.77                           | 66.84   |
| 22     | 48.4                             | 0.4                           | 4.4                          | -4                                | 74.64                         | 778.40                           | 74.64   |
| 23     | 37.9                             | 0.4                           | 0                            | 0.4                               | 81.24                         | 780.06                           | 81.24   |
| 24     | 33.8                             | 0                             | 0.8                          | -0.8                              | 73.95                         | 1038.20                          | 73.95   |
| 25     | 35.1                             | 0.4                           | 5.2                          | -4.8                              | 81.58                         | 460.19                           | 81.58   |
| 26     | 35                               | 0.4                           | 6.5                          | -6.1                              | 70.78                         | 658.15                           | 70.78   |
| 27     | 34.4                             | 0                             | 0                            | 0                                 | 68.32                         | 883.22                           | 68.32   |
| 28     | 26.5                             | 0.4                           | 3.8                          | -3.4                              | 66.97                         | 579.81                           | 66.97   |
| 29     | 42.9                             | 0                             | 2.4                          | -2.4                              | 67.35                         | 645.08                           | 67.35   |
| 30     | 39.4                             | 0                             | 6.7                          | -6.7                              | 62.67                         | 743.92                           | 62.67   |
| Total  | 1146.00                          | 18.00                         | 149.20                       | -131.20                           | 2208.8                        |                                  |   |
| Rerata | 38.20                            | 0.60                          | 4.97                         | -4.37                             | 73.63                         | <b>736.31</b>                    | <b>73.63</b>                                      |

Tabel 47 Perhitungan Volume dan Waktu Tempuh

Hari/Tanggal : Rabu, 15 Oktober 2003

Waktu : 15:00 – 17:00

Arah : Barat - Timur

| Trip   | Berpapasan<br>( $X_B$ )<br>(smp) | Menyiap<br>( $O_T$ )<br>(smp) | Disiap<br>( $P_T$ )<br>(smp) | $Y_T$<br>( $O_T - P_T$ )<br>(smp) | Waktu<br>( $W_T$ )<br>(detik) | Volume<br>( $Q_T$ )<br>(smp/jam) | $\overline{W}$<br>( $\overline{W_T}$ )<br>(detik) |
|--------|----------------------------------|-------------------------------|------------------------------|-----------------------------------|-------------------------------|----------------------------------|---|
| 1      | 24.6                             | 0.8                           | 4.8                          | -4                                | 66.73                         | 933.24                           | 66.73   |
| 2      | 26.1                             | 0                             | 2.2                          | -2.2                              | 74.81                         | 662.35                           | 74.81   |
| 3      | 22.2                             | 0                             | 6.3                          | -6.3                              | 71.45                         | 453.35                           | 71.45   |
| 4      | 40.7                             | 0                             | 3                            | -3                                | 76.75                         | 459.88                           | 76.75   |
| 5      | 33.1                             | 1.6                           | 4.4                          | -2.8                              | 67.63                         | 775.22                           | 67.63   |
| 6      | 38.8                             | 0.8                           | 0.8                          | 0                                 | 74.63                         | 756.22                           | 74.63   |
| 7      | 39.7                             | 0.4                           | 2.4                          | -2                                | 60.15                         | 577.12                           | 60.15   |
| 8      | 34.4                             | 0                             | 3.7                          | -3.7                              | 69.82                         | 550.56                           | 69.82   |
| 9      | 42.8                             | 0                             | 4.6                          | -4.6                              | 78.44                         | 513.82                           | 78.44   |
| 10     | 29                               | 0                             | 1.6                          | -1.6                              | 70.44                         | 564.87                           | 70.44   |
| 11     | 35.3                             | 0                             | 6.8                          | -6.8                              | 61.68                         | 625.81                           | 61.68   |
| 12     | 43.9                             | 0                             | 0                            | 0                                 | 75.77                         | 621.65                           | 75.77   |
| 13     | 31.3                             | 2.8                           | 1                            | 1.8                               | 65.88                         | 1003.40                          | 65.88   |
| 14     | 38.4                             | 1.6                           | 1                            | 0.6                               | 69.73                         | 921.72                           | 69.73   |
| 15     | 39.4                             | 1.2                           | 4.3                          | -3.1                              | 79.22                         | 772.11                           | 79.22   |
| 16     | 35                               | 0                             | 6.7                          | -6.7                              | 65.61                         | 649.66                           | 65.61   |
| 17     | 28.4                             | 0                             | 4.4                          | -4.4                              | 64.66                         | 436.88                           | 64.66   |
| 18     | 36.4                             | 0                             | 0.8                          | -0.8                              | 73.71                         | 554.51                           | 73.71   |
| 19     | 46.3                             | 0.8                           | 2                            | -1.2                              | 60.45                         | 838.70                           | 60.45   |
| 20     | 42.4                             | 0.4                           | 7.2                          | -6.8                              | 65.95                         | 536.70                           | 65.95   |
| 21     | 26                               | 0.4                           | 1                            | -0.6                              | 77.87                         | 565.29                           | 77.87   |
| 22     | 34.7                             | 0                             | 1                            | -1                                | 82.33                         | 951.20                           | 82.33   |
| 23     | 30.1                             | 0                             | 4.2                          | -4.2                              | 69.59                         | 808.35                           | 69.59   |
| 24     | 25.6                             | 0                             | 3.3                          | -3.3                              | 74.53                         | 951.34                           | 74.53   |
| 25     | 34.5                             | 0.8                           | 3                            | -2.2                              | 59.57                         | 1110.29                          | 59.57   |
| 26     | 36.2                             | 2.5                           | 2                            | 0.5                               | 78.22                         | 946.02                           | 78.22   |
| 27     | 44.6                             | 0.4                           | 1                            | -0.6                              | 68.92                         | 645.44                           | 68.92   |
| 28     | 38.6                             | 0.8                           | 0.4                          | 0.4                               | 70.25                         | 999.15                           | 70.25   |
| 29     | 41.4                             | 0.8                           | 3                            | -2.2                              | 67.35                         | 732.52                           | 67.35   |
| 30     | 46.3                             | 0                             | 4.4                          | -4.4                              | 64.31                         | 769.23                           | 64.31   |
| Total  | 1066.20                          | 16.10                         | 91.30                        | -75.20                            | 2106.45                       |                                  |   |
| Rerata | 35.54                            | 0.54                          | 3.04                         | -2.51                             | 70.22                         | <b>712.89</b>                    | <b>70.22</b>                                      |

Tabel 48 Perhitungan Volume dan Waktu Tempuh

Hari/Tanggal : Rabu, 15 Oktober 2003

Waktu : 15:00 – 17:00

Arah : Timur - Barat

| Trip   | Berpapasan<br>( $X_T$ )<br>(smp) | Menyiap<br>( $O_B$ )<br>(smp) | Disiap<br>( $P_B$ )<br>(smp) | $Y_B$<br>( $O_B - P_B$ )<br>(smp) | Waktu<br>( $W_B$ )<br>(detik) | Volume<br>( $Q_B$ )<br>(smp/jam) | $\overline{W}$<br>( $\overline{W}_B$ )<br>(detik) |
|--------|----------------------------------|-------------------------------|------------------------------|-----------------------------------|-------------------------------|----------------------------------|---|
| 1      | 38.6                             | 0.4                           | 2.2                          | -1.8                              | 66.74                         | 614.97                           | 66.74   |
| 2      | 28.6                             | 1.2                           | 5.2                          | -4                                | 68.68                         | 554.46                           | 68.68   |
| 3      | 24.4                             | 0                             | 7.2                          | -7.2                              | 72.28                         | 375.70                           | 72.28   |
| 4      | 22.2                             | 0                             | 0.8                          | -0.8                              | 73.55                         | 955.69                           | 73.55   |
| 5      | 35.4                             | 0.4                           | 10.8                         | -10.4                             | 83.76                         | 539.80                           | 83.76   |
| 6      | 29.9                             | 0.4                           | 5                            | -4.6                              | 67.71                         | 864.97                           | 67.71   |
| 7      | 23.4                             | 0                             | 3.4                          | -3.4                              | 73.34                         | 978.95                           | 73.34   |
| 8      | 26.1                             | 1.2                           | 0                            | 1.2                               | 76.65                         | 874.99                           | 76.65   |
| 9      | 25                               | 1.2                           | 0.4                          | 0.8                               | 64.49                         | 1098.16                          | 64.49   |
| 10     | 25.4                             | 0.4                           | 2                            | -1.6                              | 81.24                         | 650.32                           | 81.24   |
| 11     | 30.2                             | 1.2                           | 4.4                          | -3.2                              | 72.93                         | 858.48                           | 72.93   |
| 12     | 26.7                             | 2.4                           | 2.7                          | -0.3                              | 78.85                         | 1015.13                          | 78.85   |
| 13     | 36.7                             | 0                             | 1                            | -1                                | 72.25                         | 789.69                           | 72.25   |
| 14     | 34.3                             | 0                             | 7.2                          | -7.2                              | 66.58                         | 824.00                           | 66.58   |
| 15     | 37.3                             | 0                             | 1.6                          | -1.6                              | 80.24                         | 853.38                           | 80.24   |
| 16     | 30.4                             | 0                             | 1                            | -1                                | 65.72                         | 932.00                           | 65.72   |
| 17     | 19.8                             | 0                             | 5.4                          | -5.4                              | 62.24                         | 652.48                           | 62.24   |
| 18     | 21.4                             | 0.4                           | 4                            | -3.6                              | 60.03                         | 882.91                           | 60.03   |
| 19     | 30                               | 2                             | 1                            | 1                                 | 63.17                         | 1377.45                          | 63.17   |
| 20     | 26.4                             | 2.6                           | 0                            | 2.6                               | 65.52                         | 1232.22                          | 65.52   |
| 21     | 22.8                             | 1.6                           | 4                            | -2.4                              | 63.51                         | 600.93                           | 63.51   |
| 22     | 38.9                             | 0.4                           | 4.4                          | -4                                | 61.11                         | 770.50                           | 61.11   |
| 23     | 35.4                             | 0.8                           | 1.8                          | -1                                | 69.36                         | 753.94                           | 69.36   |
| 24     | 41.1                             | 0.8                           | 4                            | -3.2                              | 68.51                         | 563.76                           | 68.51   |
| 25     | 52.9                             | 0.8                           | 3                            | -2.2                              | 104.82                        | 707.34                           | 104.82  |
| 26     | 36.5                             | 2.2                           | 2                            | 0.2                               | 62.58                         | 930.68                           | 62.58   |
| 27     | 25.6                             | 0.4                           | 1                            | -0.6                              | 70.52                         | 1135.97                          | 70.52   |
| 28     | 41.8                             | 0.8                           | 0.4                          | 0.4                               | 81.8                          | 923.38                           | 81.8  |
| 29     | 30.4                             | 0.8                           | 3                            | -2.2                              | 71.24                         | 1018.26                          | 71.24   |
| 30     | 34.4                             | 0                             | 4.4                          | -4.4                              | 76.09                         | 1074.36                          | 76.09   |
| Total  | 932.00                           | 22.40                         | 93.30                        | -70.90                            | 2145.51                       |                                  |   |
| Rerata | 31.07                            | 0.75                          | 3.11                         | -2.36                             | 71.52                         | <b>842.69</b>                    | <b>71.52</b>                                      |



Perhitungan Jumlah Kendaraan pada pukul 15:00-17:00 Tanggal 14 Oktober 2003 untuk Kedua Arah.

| Trip   | Barat - Timur          |                        |                        |                        |                         | Timur - Barat          |                        |                        |                        |                         |
|--------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|
|        | X <sub>B</sub><br>kend | O <sub>T</sub><br>kend | P <sub>T</sub><br>kend | Y <sub>T</sub><br>kend | W <sub>T</sub><br>detik | X <sub>T</sub><br>kend | O <sub>B</sub><br>kend | P <sub>B</sub><br>kend | Y <sub>B</sub><br>kend | W <sub>B</sub><br>detik |
| 1      | 43                     | 0                      | 7                      | -7                     | 62.15                   | 33                     | 1                      | 8                      | -7                     | 61.44                   |
| 2      | 52                     | 4                      | 2                      | 2                      | 60.64                   | 39                     | 2                      | 0                      | 2                      | 66.11                   |
| 3      | 57                     | 0                      | 4                      | -4                     | 62.24                   | 54                     | 0                      | 7                      | -7                     | 74.64                   |
| 4      | 55                     | 5                      | 2                      | 3                      | 67.33                   | 56                     | 0                      | 1                      | -1                     | 69.92                   |
| 5      | 62                     | 1                      | 2                      | -1                     | 59.25                   | 60                     | 1                      | 5                      | -4                     | 59.25                   |
| 6      | 56                     | 1                      | 4                      | -3                     | 58.11                   | 60                     | 0                      | 3                      | -3                     | 60.42                   |
| 7      | 42                     | 0                      | 7                      | -7                     | 66.52                   | 57                     | 0                      | 2                      | -2                     | 63.26                   |
| 8      | 62                     | 2                      | 6                      | -4                     | 64.84                   | 46                     | 2                      | 1                      | 1                      | 61.78                   |
| 9      | 56                     | 0                      | 7                      | -7                     | 70.77                   | 40                     | 0                      | 4                      | -4                     | 59.11                   |
| 10     | 56                     | 3                      | 5                      | -2                     | 68.43                   | 36                     | 0                      | 3                      | -3                     | 58.21                   |
| 11     | 46                     | 0                      | 2                      | -2                     | 59.49                   | 48                     | 1                      | 3                      | -2                     | 64.54                   |
| 12     | 65                     | 1                      | 1                      | 0                      | 72.48                   | 45                     | 0                      | 2                      | -2                     | 67.28                   |
| 13     | 66                     | 1                      | 5                      | -4                     | 76.57                   | 46                     | 0                      | 4                      | -4                     | 71.72                   |
| 14     | 49                     | 2                      | 4                      | -2                     | 73.22                   | 39                     | 1                      | 1                      | 0                      | 65.95                   |
| 15     | 53                     | 0                      | 4                      | -4                     | 71.12                   | 50                     | 0                      | 7                      | -7                     | 76.74                   |
| 16     | 47                     | 1                      | 4                      | -3                     | 83.31                   | 51                     | 2                      | 6                      | -4                     | 74.41                   |
| 17     | 46                     | 7                      | 2                      | 5                      | 69.44                   | 42                     | 0                      | 1                      | -1                     | 80.67                   |
| 18     | 40                     | 3                      | 4                      | -1                     | 86.27                   | 43                     | 0                      | 5                      | -5                     | 82.15                   |
| 19     | 56                     | 4                      | 7                      | -3                     | 74.88                   | 48                     | 0                      | 2                      | -2                     | 73.59                   |
| 20     | 64                     | 4                      | 3                      | 1                      | 81.17                   | 50                     | 1                      | 0                      | 1                      | 83.19                   |
| 21     | 62                     | 1                      | 4                      | -3                     | 80.18                   | 47                     | 0                      | 2                      | -2                     | 84.98                   |
| 22     | 60                     | 5                      | 2                      | 3                      | 75.25                   | 57                     | 2                      | 6                      | -4                     | 77.18                   |
| 23     | 54                     | 9                      | 3                      | 6                      | 84.92                   | 72                     | 1                      | 3                      | -2                     | 75.45                   |
| 24     | 56                     | 8                      | 1                      | 7                      | 96.26                   | 67                     | 0                      | 2                      | -2                     | 84.77                   |
| 25     | 55                     | 4                      | 2                      | 2                      | 75.55                   | 53                     | 0                      | 0                      | 0                      | 86.58                   |
| 26     | 54                     | 4                      | 0                      | 4                      | 91.12                   | 63                     | 2                      | 4                      | -2                     | 87.12                   |
| 27     | 59                     | 5                      | 1                      | 4                      | 87.67                   | 62                     | 0                      | 3                      | -3                     | 82.56                   |
| 28     | 66                     | 7                      | 0                      | 7                      | 78.55                   | 52                     | 1                      | 3                      | -2                     | 77.84                   |
| 29     | 65                     | 6                      | 3                      | 3                      | 92.53                   | 65                     | 0                      | 2                      | -2                     | 76.83                   |
| 30     | 55                     | 5                      | 3                      | 2                      | 85.79                   | 53                     | 1                      | 3                      | -2                     | 84.26                   |
| Jml    | 1659                   | 93                     | 101                    | -8                     | 2236.0                  | 1534                   | 18                     | 93                     | -75                    | 2191.95                 |
| Rerata | <b>55.3</b>            | <b>3.1</b>             | <b>3.37</b>            | <b>-0.27</b>           | <b>74.54</b>            | <b>51.13</b>           | <b>0.6</b>             | <b>3.1</b>             | <b>-2.5</b>            | <b>73.07</b>            |

$$Q_T = \frac{X_T + Y_T}{W_T + W_B} = \frac{(51.13 + (-0.27)) \times 3600}{74.54 + 73.07} = 1240.65 \text{ kend/jam}$$

$$Q_B = \frac{X_B + Y_B}{W_B + W_T} = \frac{(55.3 + (-2.5)) \times 3600}{74.54 + 73.07} = 1287.80 \text{ kend/jam}$$

Volume total kendaraan dalam 2 arah =  $Q_T + Q_B = 2528.46 \text{ kend/jam}$

< 3700 kend/jam

## Perhitungan Volume Lalu Lintas untuk Pemisahan Arah.

| Tanggal         | Waktu       | Q <sub>T</sub><br>(kend/jam) | Q <sub>B</sub><br>(kend/jam) | Q <sub>Total</sub><br>(kend/jam) |
|-----------------|-------------|------------------------------|------------------------------|----------------------------------|
| 14 Oktober 2003 | 08:00-10:00 | 1335.33                      | 926.44                       | 2261.77                          |
| 15 Oktober 2003 | 08:00-10:00 | 1135.13                      | 964.60                       | 2099.73                          |
|                 |             |                              |                              |                                  |
| 14 Oktober 2003 | 11:00-13:00 | 1197.44                      | 1013.09                      | 2210.53                          |
| 15 Oktober 2003 | 11:00-13:00 | 1175.78                      | 958.30                       | 2134.08                          |
|                 |             |                              |                              |                                  |
| 14 Oktober 2003 | 15:00-17:00 | 1240.65                      | 1287.80                      | 2528.45                          |
| 15 Oktober 2003 | 15:00-17:00 | 1036.32                      | 1139.62                      | 2175.94                          |
| Rerata          |             | <b>1186.78</b>               | <b>1048.31</b>               | <b>2235.09</b>                   |

Faktor penyesuaian kapasitas untuk pemisah arah:

untuk Q<sub>T</sub> :  $1186.78 / 2235.09 \times 100\% = 53.1\%$

untuk Q<sub>B</sub> :  $1048.31 / 2235.09 \times 100\% = 46.9\%$ ,

jadi faktor penyesuaian kapasitas = 55%-45%