

## LAMPIRAN I - 1

### Volume Lalu Lintas Tiap 15 Menit

Pendekat : D (Jl.Wates)

Hari : Senin

Tanggal : 4 April 2016

| Waktu       | LT |    |     |    | ST |    |     |    | RT |    |    |    |
|-------------|----|----|-----|----|----|----|-----|----|----|----|----|----|
|             | LV | HV | MC  | UM | LV | HV | MC  | UM | LV | HV | MC | UM |
| 06.00-06.15 | 14 | 1  | 64  | 3  | 8  | 0  | 141 | 7  |    |    |    |    |
| 06.15-06.30 | 26 | 1  | 85  | 5  | 23 | 1  | 120 | 4  |    |    |    |    |
| 06.30-06.45 | 30 | 2  | 161 | 2  | 38 | 1  | 157 | 2  |    |    |    |    |
| 06.45-07.00 | 40 | 0  | 193 | 18 | 25 | 0  | 223 | 2  |    |    |    |    |
| 07.00-07.15 | 23 | 4  | 198 | 1  | 36 | 3  | 203 | 2  |    |    |    |    |
| 07.15-07.30 | 17 | 1  | 239 | 3  | 45 | 0  | 208 | 1  |    |    |    |    |
| 07.30-07.45 | 30 | 1  | 247 | 2  | 39 | 5  | 232 | 2  |    |    |    |    |
| 07.45-08.00 | 31 | 1  | 206 | 1  | 26 | 2  | 217 | 1  |    |    |    |    |
| 12.00-12.15 | 23 | 4  | 117 | 1  | 52 | 8  | 202 | 0  |    |    |    |    |
| 12.15-12.30 | 32 | 1  | 90  | 0  | 55 | 3  | 213 | 0  |    |    |    |    |
| 12.30-12.45 | 23 | 6  | 68  | 0  | 45 | 4  | 157 | 0  |    |    |    |    |
| 12.45-13.00 | 25 | 1  | 41  | 0  | 33 | 3  | 123 | 0  |    |    |    |    |
| 13.00-13.15 | 11 | 0  | 5   | 0  | 40 | 4  | 68  | 1  |    |    |    |    |
| 13.15-13.30 | 27 | 1  | 42  | 0  | 51 | 3  | 79  | 0  |    |    |    |    |
| 13.30-13.45 | 39 | 3  | 65  | 0  | 57 | 3  | 63  | 0  |    |    |    |    |
| 13.45-14.00 | 48 | 2  | 117 | 0  | 56 | 5  | 84  | 0  |    |    |    |    |
| 16.00-16.15 | 56 | 0  | 89  | 0  | 57 | 1  | 410 | 4  |    |    |    |    |
| 16.15-16.30 | 88 | 3  | 160 | 0  | 71 | 2  | 445 | 3  |    |    |    |    |
| 16.30-16.45 | 45 | 0  | 139 | 0  | 66 | 4  | 809 | 2  |    |    |    |    |
| 16.45-17.00 | 58 | 3  | 76  | 0  | 65 | 1  | 510 | 1  |    |    |    |    |
| 17.00-17.15 | 33 | 1  | 56  | 0  | 38 | 2  | 372 | 1  |    |    |    |    |
| 17.15-17.30 | 59 | 0  | 75  | 0  | 67 | 1  | 333 | 2  |    |    |    |    |
| 17.30-17.45 | 49 | 0  | 60  | 0  | 57 | 8  | 308 | 1  |    |    |    |    |
| 17.45-18.00 | 58 | 0  | 60  | 0  | 46 | 1  | 274 | 3  |    |    |    |    |

## LAMPIRAN I - 2

### Volume Lalu Lintas Tiap 15 Menit

Pendekat : B (Jl.Wates)

Hari : Senin

Tanggal : 4 April 2016

| Waktu       | LT |    |    |    | ST |    |     |    | RT |    |    |    |
|-------------|----|----|----|----|----|----|-----|----|----|----|----|----|
|             | LV | HV | MC | UM | LV | HV | MC  | UM | LV | HV | MC | UM |
| 06.00-06.15 |    |    |    |    | 12 | 0  | 50  | 4  | 2  | 0  | 10 | 1  |
| 06.15-06.30 |    |    |    |    | 12 | 0  | 73  | 4  | 0  | 0  | 19 | 0  |
| 06.30-06.45 |    |    |    |    | 19 | 0  | 130 | 6  | 2  | 0  | 24 | 0  |
| 06.45-07.00 |    |    |    |    | 21 | 0  | 169 | 2  | 3  | 0  | 46 | 0  |
| 07.00-07.15 |    |    |    |    | 32 | 0  | 198 | 1  | 4  | 0  | 22 | 1  |
| 07.15-07.30 |    |    |    |    | 26 | 0  | 123 | 3  | 5  | 0  | 30 | 1  |
| 07.30-07.45 |    |    |    |    | 19 | 1  | 186 | 4  | 0  | 0  | 30 | 0  |
| 07.45-08.00 |    |    |    |    | 19 | 0  | 160 | 7  | 1  | 0  | 31 | 0  |
| 12.00-12.15 |    |    |    |    | 30 | 0  | 84  | 1  | 6  | 1  | 42 | 0  |
| 12.15-12.30 |    |    |    |    | 34 | 2  | 150 | 2  | 11 | 0  | 38 | 0  |
| 12.30-12.45 |    |    |    |    | 28 | 0  | 120 | 0  | 8  | 0  | 26 | 0  |
| 12.45-13.00 |    |    |    |    | 10 | 0  | 38  | 0  | 6  | 0  | 19 | 0  |
| 13.00-13.15 |    |    |    |    | 20 | 1  | 37  | 0  | 5  | 0  | 10 | 0  |
| 13.15-13.30 |    |    |    |    | 16 | 0  | 28  | 2  | 8  | 0  | 11 | 0  |
| 13.30-13.45 |    |    |    |    | 17 | 0  | 18  | 0  | 4  | 0  | 9  | 0  |
| 13.45-14.00 |    |    |    |    | 24 | 1  | 54  | 2  | 9  | 0  | 16 | 0  |
| 16.00-16.15 |    |    |    |    | 49 | 2  | 136 | 0  | 7  | 0  | 25 | 0  |
| 16.15-16.30 |    |    |    |    | 55 | 2  | 190 | 1  | 8  | 0  | 37 | 0  |
| 16.30-16.45 |    |    |    |    | 66 | 1  | 212 | 4  | 9  | 0  | 50 | 0  |
| 16.45-17.00 |    |    |    |    | 64 | 0  | 160 | 1  | 7  | 0  | 40 | 0  |
| 17.00-17.15 |    |    |    |    | 42 | 2  | 136 | 0  | 3  | 2  | 34 | 0  |
| 17.15-17.30 |    |    |    |    | 57 | 2  | 200 | 0  | 2  | 1  | 39 | 0  |
| 17.30-17.45 |    |    |    |    | 34 | 0  | 90  | 0  | 2  | 0  | 32 | 0  |
| 17.45-18.00 |    |    |    |    | 45 | 0  | 111 | 0  | 6  | 0  | 27 | 0  |

## LAMPIRAN I - 3

### Volume Lalu Lintas Tiap 15 Menit

Pendekat : C (Jl.Pengasih)

Hari : Senin

Tanggal : 4 April 2016

| Waktu       | LT |    |    |    | ST |    |    |    | RT  |    |     |    |
|-------------|----|----|----|----|----|----|----|----|-----|----|-----|----|
|             | LV | HV | MC | UM | LV | HV | MC | UM | LV  | HV | MC  | UM |
| 06.00-06.15 | 4  | 0  | 19 | 2  |    |    |    |    | 19  | 0  | 61  | 6  |
| 06.15-06.30 | 2  | 0  | 18 | 0  |    |    |    |    | 41  | 4  | 119 | 5  |
| 06.30-06.45 | 11 | 0  | 39 | 1  |    |    |    |    | 37  | 5  | 169 | 1  |
| 06.45-07.00 | 8  | 0  | 53 | 2  |    |    |    |    | 54  | 4  | 241 | 3  |
| 07.00-07.15 | 6  | 0  | 33 | 1  |    |    |    |    | 36  | 2  | 237 | 0  |
| 07.15-07.30 | 5  | 1  | 23 | 1  |    |    |    |    | 30  | 6  | 224 | 5  |
| 07.30-07.45 | 5  | 1  | 25 | 0  |    |    |    |    | 39  | 7  | 219 | 3  |
| 07.45-08.00 | 3  | 1  | 31 | 2  |    |    |    |    | 52  | 28 | 179 | 0  |
| 12.00-12.15 | 13 | 0  | 54 | 1  |    |    |    |    | 37  | 5  | 131 | 0  |
| 12.15-12.30 | 12 | 0  | 51 | 1  |    |    |    |    | 47  | 6  | 142 | 0  |
| 12.30-12.45 | 11 | 0  | 55 | 0  |    |    |    |    | 49  | 3  | 144 | 0  |
| 12.45-13.00 | 10 | 0  | 17 | 0  |    |    |    |    | 70  | 3  | 21  | 0  |
| 13.00-13.15 | 1  | 0  | 14 | 0  |    |    |    |    | 1   | 0  | 7   | 0  |
| 13.15-13.30 | 1  | 0  | 11 | 2  |    |    |    |    | 52  | 2  | 60  | 0  |
| 13.30-13.45 | 1  | 0  | 10 | 0  |    |    |    |    | 86  | 7  | 93  | 1  |
| 13.45-14.00 | 1  | 0  | 18 | 0  |    |    |    |    | 109 | 1  | 129 | 1  |
| 16.00-16.15 | 6  | 0  | 34 | 0  |    |    |    |    | 71  | 0  | 122 | 0  |
| 16.15-16.30 | 10 | 0  | 33 | 0  |    |    |    |    | 110 | 0  | 215 | 0  |
| 16.30-16.45 | 18 | 0  | 78 | 1  |    |    |    |    | 60  | 0  | 176 | 0  |
| 16.45-17.00 | 8  | 0  | 46 | 0  |    |    |    |    | 72  | 0  | 100 | 0  |
| 17.00-17.15 | 5  | 1  | 25 | 0  |    |    |    |    | 77  | 1  | 163 | 0  |
| 17.15-17.30 | 8  | 0  | 62 | 0  |    |    |    |    | 73  | 1  | 145 | 0  |
| 17.30-17.45 | 6  | 0  | 40 | 0  |    |    |    |    | 87  | 3  | 95  | 0  |
| 17.45-18.00 | 7  | 0  | 48 | 0  |    |    |    |    | 39  | 3  | 47  | 0  |

**LAMPIRAN I - 4**  
Volume Lalu Lintas Tiap 15 Menit

Pendekat : D (Jl.Wates)  
Hari : Sabtu  
Tanggal : 2 April 2016

| Waktu       | LT |    |    |    | ST |     |     |    | RT |    |    |    |
|-------------|----|----|----|----|----|-----|-----|----|----|----|----|----|
|             | LV | HV | MC | UM | LV | HV  | MC  | UM | LV | HV | MC | UM |
| 06.00-06.15 | 0  | 0  | 29 | 0  | 23 | 43  | 341 | 2  |    |    |    |    |
| 06.15-06.30 | 0  | 0  | 31 | 0  | 14 | 51  | 313 | 7  |    |    |    |    |
| 06.30-06.45 | 1  | 1  | 65 | 2  | 20 | 64  | 366 | 0  |    |    |    |    |
| 06.45-07.00 | 0  | 0  | 51 | 2  | 20 | 99  | 363 | 0  |    |    |    |    |
| 07.00-07.15 | 1  | 1  | 20 | 1  | 18 | 70  | 309 | 0  |    |    |    |    |
| 07.15-07.30 | 0  | 0  | 44 | 1  | 28 | 48  | 259 | 0  |    |    |    |    |
| 07.30-07.45 | 1  | 1  | 33 | 1  | 10 | 30  | 128 | 1  |    |    |    |    |
| 07.45-08.00 | 1  | 1  | 30 | 0  | 14 | 31  | 113 | 1  |    |    |    |    |
| 12.00-12.15 | 1  | 0  | 44 | 0  | 12 | 69  | 113 | 1  |    |    |    |    |
| 12.15-12.30 | 2  | 1  | 24 | 0  | 16 | 90  | 137 | 0  |    |    |    |    |
| 12.30-12.45 | 2  | 5  | 40 | 1  | 19 | 84  | 148 | 0  |    |    |    |    |
| 12.45-13.00 | 4  | 8  | 29 | 0  | 23 | 77  | 173 | 1  |    |    |    |    |
| 13.00-13.15 | 2  | 6  | 18 | 0  | 16 | 71  | 164 | 0  |    |    |    |    |
| 13.15-13.30 | 2  | 2  | 21 | 0  | 25 | 94  | 186 | 0  |    |    |    |    |
| 13.30-13.45 | 0  | 2  | 12 | 0  | 13 | 60  | 100 | 0  |    |    |    |    |
| 13.45-14.00 | 3  | 9  | 38 | 0  | 22 | 95  | 146 | 0  |    |    |    |    |
| 16.00-16.15 | 2  | 5  | 44 | 0  | 9  | 109 | 149 | 11 |    |    |    |    |
| 16.15-16.30 | 1  | 2  | 24 | 1  | 11 | 71  | 120 | 0  |    |    |    |    |
| 16.30-16.45 | 0  | 2  | 45 | 0  | 14 | 99  | 143 | 0  |    |    |    |    |
| 16.45-17.00 | 0  | 2  | 45 | 0  | 14 | 80  | 120 | 0  |    |    |    |    |
| 17.00-17.15 | 1  | 2  | 38 | 0  | 16 | 83  | 96  | 0  |    |    |    |    |
| 17.15-17.30 | 1  | 7  | 35 | 0  | 9  | 82  | 112 | 2  |    |    |    |    |
| 17.30-17.45 | 0  | 1  | 50 | 1  | 10 | 108 | 118 | 0  |    |    |    |    |
| 17.45-18.00 | 1  | 3  | 38 | 0  | 9  | 83  | 104 | 0  |    |    |    |    |

**LAMPIRAN I - 4**  
**Volume Lalu Lintas Tiap 15 Menit**

Pendekat : D (Jl.Wates)  
 Hari : Sabtu  
 Tanggal : 2 April 2016

| Waktu       | LT |    |    |    | ST |     |     |    | RT |    |    |    |
|-------------|----|----|----|----|----|-----|-----|----|----|----|----|----|
|             | LV | HV | MC | UM | LV | HV  | MC  | UM | LV | HV | MC | UM |
| 06.00-06.15 | 0  | 0  | 29 | 0  | 23 | 43  | 341 | 2  |    |    |    |    |
| 06.15-06.30 | 0  | 0  | 31 | 0  | 14 | 51  | 313 | 7  |    |    |    |    |
| 06.30-06.45 | 1  | 1  | 65 | 2  | 20 | 64  | 366 | 0  |    |    |    |    |
| 06.45-07.00 | 0  | 0  | 51 | 2  | 20 | 99  | 363 | 0  |    |    |    |    |
| 07.00-07.15 | 1  | 1  | 20 | 1  | 18 | 70  | 309 | 0  |    |    |    |    |
| 07.15-07.30 | 0  | 0  | 44 | 1  | 28 | 48  | 259 | 0  |    |    |    |    |
| 07.30-07.45 | 1  | 1  | 33 | 1  | 10 | 30  | 128 | 1  |    |    |    |    |
| 07.45-08.00 | 1  | 1  | 30 | 0  | 14 | 31  | 113 | 1  |    |    |    |    |
| 12.00-12.15 | 1  | 0  | 44 | 0  | 12 | 69  | 113 | 1  |    |    |    |    |
| 12.15-12.30 | 2  | 1  | 24 | 0  | 16 | 90  | 137 | 0  |    |    |    |    |
| 12.30-12.45 | 2  | 5  | 40 | 1  | 19 | 84  | 148 | 0  |    |    |    |    |
| 12.45-13.00 | 4  | 8  | 29 | 0  | 23 | 77  | 173 | 1  |    |    |    |    |
| 13.00-13.15 | 2  | 6  | 18 | 0  | 16 | 71  | 164 | 0  |    |    |    |    |
| 13.15-13.30 | 2  | 2  | 21 | 0  | 25 | 94  | 186 | 0  |    |    |    |    |
| 13.30-13.45 | 0  | 2  | 12 | 0  | 13 | 60  | 100 | 0  |    |    |    |    |
| 13.45-14.00 | 3  | 9  | 38 | 0  | 22 | 95  | 146 | 0  |    |    |    |    |
| 16.00-16.15 | 2  | 5  | 44 | 0  | 9  | 109 | 149 | 11 |    |    |    |    |
| 16.15-16.30 | 1  | 2  | 24 | 1  | 11 | 71  | 120 | 0  |    |    |    |    |
| 16.30-16.45 | 0  | 2  | 45 | 0  | 14 | 99  | 143 | 0  |    |    |    |    |
| 16.45-17.00 | 0  | 2  | 45 | 0  | 14 | 80  | 120 | 0  |    |    |    |    |
| 17.00-17.15 | 1  | 2  | 38 | 0  | 16 | 83  | 96  | 0  |    |    |    |    |
| 17.15-17.30 | 1  | 7  | 35 | 0  | 9  | 82  | 112 | 2  |    |    |    |    |
| 17.30-17.45 | 0  | 1  | 50 | 1  | 10 | 108 | 118 | 0  |    |    |    |    |
| 17.45-18.00 | 1  | 3  | 38 | 0  | 9  | 83  | 104 | 0  |    |    |    |    |

**LAMPIRAN I - 4**  
**Volume Lalu Lintas Tiap 15 Menit**

Pendekat : D (Jl.Wates)  
 Hari : Sabtu  
 Tanggal : 2 April 2016

| Waktu       | LT |    |    |    | ST |     |     |    | RT |    |    |    |
|-------------|----|----|----|----|----|-----|-----|----|----|----|----|----|
|             | LV | HV | MC | UM | LV | HV  | MC  | UM | LV | HV | MC | UM |
| 06.00-06.15 | 0  | 0  | 29 | 0  | 23 | 43  | 341 | 2  |    |    |    |    |
| 06.15-06.30 | 0  | 0  | 31 | 0  | 14 | 51  | 313 | 7  |    |    |    |    |
| 06.30-06.45 | 1  | 1  | 65 | 2  | 20 | 64  | 366 | 0  |    |    |    |    |
| 06.45-07.00 | 0  | 0  | 51 | 2  | 20 | 99  | 363 | 0  |    |    |    |    |
| 07.00-07.15 | 1  | 1  | 20 | 1  | 18 | 70  | 309 | 0  |    |    |    |    |
| 07.15-07.30 | 0  | 0  | 44 | 1  | 28 | 48  | 259 | 0  |    |    |    |    |
| 07.30-07.45 | 1  | 1  | 33 | 1  | 10 | 30  | 128 | 1  |    |    |    |    |
| 07.45-08.00 | 1  | 1  | 30 | 0  | 14 | 31  | 113 | 1  |    |    |    |    |
| 12.00-12.15 | 1  | 0  | 44 | 0  | 12 | 69  | 113 | 1  |    |    |    |    |
| 12.15-12.30 | 2  | 1  | 24 | 0  | 16 | 90  | 137 | 0  |    |    |    |    |
| 12.30-12.45 | 2  | 5  | 40 | 1  | 19 | 84  | 148 | 0  |    |    |    |    |
| 12.45-13.00 | 4  | 8  | 29 | 0  | 23 | 77  | 173 | 1  |    |    |    |    |
| 13.00-13.15 | 2  | 6  | 18 | 0  | 16 | 71  | 164 | 0  |    |    |    |    |
| 13.15-13.30 | 2  | 2  | 21 | 0  | 25 | 94  | 186 | 0  |    |    |    |    |
| 13.30-13.45 | 0  | 2  | 12 | 0  | 13 | 60  | 100 | 0  |    |    |    |    |
| 13.45-14.00 | 3  | 9  | 38 | 0  | 22 | 95  | 146 | 0  |    |    |    |    |
| 16.00-16.15 | 2  | 5  | 44 | 0  | 9  | 109 | 149 | 11 |    |    |    |    |
| 16.15-16.30 | 1  | 2  | 24 | 1  | 11 | 71  | 120 | 0  |    |    |    |    |
| 16.30-16.45 | 0  | 2  | 45 | 0  | 14 | 99  | 143 | 0  |    |    |    |    |
| 16.45-17.00 | 0  | 2  | 45 | 0  | 14 | 80  | 120 | 0  |    |    |    |    |
| 17.00-17.15 | 1  | 2  | 38 | 0  | 16 | 83  | 96  | 0  |    |    |    |    |
| 17.15-17.30 | 1  | 7  | 35 | 0  | 9  | 82  | 112 | 2  |    |    |    |    |
| 17.30-17.45 | 0  | 1  | 50 | 1  | 10 | 108 | 118 | 0  |    |    |    |    |
| 17.45-18.00 | 1  | 3  | 38 | 0  | 9  | 83  | 104 | 0  |    |    |    |    |

Data Lalu Lintas Kendaraan Per-jam

Hari/tanggal : Senin, 4 April 2016

Waktu : 06.00-07.00

| Tipe<br>Kendaraan | Pendekat |     |    |     |    |     |    |     |    | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|----------|-----|----|-----|----|-----|----|-----|----|--------------------|----------------|
|                   | D        |     |    | C   |    |     | B  |     |    |                    |                |
|                   | LT       | ST  | RT | LT  | ST | RT  | LT | ST  | RT |                    |                |
| LV                | 1        | 257 |    | 8   |    | 5   |    | 56  | 16 | 343                | 1559.7         |
| HV                | 4        | 2   |    | 0   |    | 13  |    | 0   | 0  | 19                 |                |
| MC                | 503      | 641 |    | 129 |    | 590 |    | 422 | 99 | 2384               |                |
| UM                | 28       | 15  |    | 5   |    | 15  |    | 16  | 1  | 80                 |                |

|       |       |
|-------|-------|
| TOTAL | 2826  |
| LV    | 12.1% |
| HV    | 0.7%  |
| MC    | 84.4% |
| UM    | 2.8%  |

Data Lalu Lintas Kendaraan Per-jam

Hari/tanggal : Senin, 4 April 2016

Waktu : 06.15-07.15

| Tipe<br>Kendaraan | Pendekat |     |    |     |    |     |    |     |     | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|----------|-----|----|-----|----|-----|----|-----|-----|--------------------|----------------|
|                   | D        |     |    | C   |    |     | B  |     |     |                    |                |
|                   | LT       | ST  | RT | LT  | ST | RT  | LT | ST  | RT  |                    |                |
| LV                | 119      | 122 |    | 27  |    | 168 |    | 84  | 9   | 529                | 2029.1         |
| HV                | 7        | 5   |    | 0   |    | 15  |    | 0   | 0   | 27                 |                |
| MC                | 637      | 703 |    | 143 |    | 766 |    | 570 | 111 | 2930               |                |
| UM                | 26       | 10  |    | 4   |    | 9   |    | 13  | 1   | 63                 |                |

|       |       |
|-------|-------|
| TOTAL | 3549  |
| LV    | 14.9% |
| HV    | 0.8%  |
| MC    | 82.6% |
| UM    | 1.8%  |

Data Lalu Lintas Kendaraan Per-jam

Hari/tanggal : Senin, 4 April 2016

Waktu : 06.30-07.30

| Tipe<br>Kendaraan | Pendekat |     |    |     |    |     |    |     |     | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|----------|-----|----|-----|----|-----|----|-----|-----|--------------------|----------------|
|                   | D        |     |    | C   |    |     | B  |     |     |                    |                |
|                   | LT       | ST  | RT | LT  | ST | RT  | LT | ST  | RT  |                    |                |
| LV                | 110      | 144 |    | 30  |    | 157 |    | 98  | 14  | 553                | 2262.2         |
| HV                | 7        | 4   |    | 1   |    | 17  |    | 0   | 0   | 29                 |                |
| MC                | 791      | 791 |    | 148 |    | 871 |    | 620 | 122 | 3343               |                |
| UM                | 24       | 7   |    | 5   |    | 9   |    | 12  | 2   | 59                 |                |

|       |       |
|-------|-------|
| TOTAL | 3984  |
| LV    | 13.9% |
| HV    | 0.7%  |
| MC    | 83.9% |
| UM    | 1.5%  |

Data Lalu Lintas Kendaraan Per-jam

Hari/tanggal : Senin, 4 April 2016

Waktu : 06.45-07.45

| Tipe<br>Kendaraan | Pendekat |     |    |     |    |     |    |     |     | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|----------|-----|----|-----|----|-----|----|-----|-----|--------------------|----------------|
|                   | D        |     |    | C   |    |     | B  |     |     |                    |                |
|                   | LT       | ST  | RT | LT  | ST | RT  | LT | ST  | RT  |                    |                |
| LV                | 110      | 145 |    | 24  |    | 159 |    | 98  | 12  | 548                | 2512.3         |
| HV                | 6        | 8   |    | 2   |    | 19  |    | 1   | 0   | 36                 |                |
| MC                | 877      | 866 |    | 839 |    | 216 |    | 514 | 523 | 3835               |                |
| UM                | 5        | 1   |    | 8   |    | 11  |    | 0   | 4   | 29                 |                |

|       |       |
|-------|-------|
| TOTAL | 4448  |
| LV    | 12.3% |
| HV    | 0.8%  |
| MC    | 86.2% |
| UM    | 0.7%  |



Data Lalu Lintas Kendaraan Per-jam

Hari/tanggal : Senin, 4 April 2016

Waktu : 07.00-08.00

| Tipe<br>Kendaraan | Pendekat |     |    |     |    |     |    |     |     | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|----------|-----|----|-----|----|-----|----|-----|-----|--------------------|----------------|
|                   | D        |     |    | C   |    |     | B  |     |     |                    |                |
|                   | LT       | ST  | RT | LT  | ST | RT  | LT | ST  | RT  |                    |                |
| LV                | 101      | 146 |    | 19  |    | 157 |    | 96  | 10  | 529                | 2362.7         |
| HV                | 7        | 10  |    | 3   |    | 43  |    | 1   | 0   | 64                 |                |
| MC                | 890      | 860 |    | 112 |    | 859 |    | 667 | 113 | 3501               |                |
| UM                | 7        | 6   |    | 4   |    | 8   |    | 15  | 2   | 42                 |                |

TOTAL 4136  
 LV 12.8%  
 HV 1.5%  
 MC 84.6%  
 UM 1.0%

LAMPIRAN II-2

Data Lalu Lintas Kendaraan Per-jam

Hari/tanggal : Senin, 4 April 2016

Waktu : 12.00-13.00

| Tipe<br>Kendaraan | Pendekat |     |    |     |    |     |    |     |     | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|----------|-----|----|-----|----|-----|----|-----|-----|--------------------|----------------|
|                   | D        |     |    | C   |    |     | B  |     |     |                    |                |
|                   | LT       | ST  | RT | LT  | ST | RT  | LT | ST  | RT  |                    |                |
| LV                | 103      | 18  |    | 46  |    | 203 |    | 102 | 31  | 503                | 1639.5         |
| HV                | 12       | 18  |    | 0   |    | 17  |    | 2   | 1   | 50                 |                |
| MC                | 316      | 695 |    | 177 |    | 438 |    | 392 | 125 | 2143               |                |
| UM                | 1        | 0   |    | 2   |    | 0   |    | 3   | 0   | 6                  |                |

TOTAL 2702  
 LV 18.6%  
 HV 1.9%  
 MC 79.3%  
 UM 0.2%

Data Lalu Lintas Kendaraan Per-jam

Hari/tanggal : Senin, 4 April 2016

Waktu : 12.15-13.15

| Tipe<br>Kendaraan | Pendekat |     |    |     |    |     |    |     |    | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|----------|-----|----|-----|----|-----|----|-----|----|--------------------|----------------|
|                   | D        |     |    | C   |    |     | B  |     |    |                    |                |
|                   | LT       | ST  | RT | LT  | ST | RT  | LT | ST  | RT |                    |                |
| LV                | 91       | 173 |    | 34  |    | 167 |    | 92  | 30 | 587                | 1462.1         |
| HV                | 8        | 14  |    | 0   |    | 12  |    | 3   | 0  | 37                 |                |
| MC                | 204      | 561 |    | 137 |    | 314 |    | 345 | 93 | 1654               |                |
| UM                | 0        | 1   |    | 1   |    | 0   |    | 2   | 0  | 4                  |                |

TOTAL 2282  
 LV 25.7%  
 HV 1.6%  
 MC 72.5%  
 UM 0.2%

Data Lalu Lintas Kendaraan Per-jam

Hari/tanggal : Senin, 4 April 2016

Waktu : 12.30-13.30

| Tipe<br>Kendaraan | Pendekat |     |    |    |    |     |    |     |    | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|----------|-----|----|----|----|-----|----|-----|----|--------------------|----------------|
|                   | D        |     |    | C  |    |     | B  |     |    |                    |                |
|                   | LT       | ST  | RT | LT | ST | RT  | LT | ST  | RT |                    |                |
| LV                | 86       | 169 |    | 23 |    | 172 |    | 74  | 27 | 551                | 1191.8         |
| HV                | 8        | 14  |    | 0  |    | 8   |    | 1   | 0  | 31                 |                |
| MC                | 156      | 427 |    | 97 |    | 232 |    | 223 | 66 | 1201               |                |
| UM                | 0        | 1   |    | 2  |    | 0   |    | 2   | 0  | 5                  |                |

TOTAL 1788  
 LV 30.8%  
 HV 1.7%  
 MC 67.2%  
 UM 0.3%

Data Lalu Lintas Kendaraan Per-jam

Hari/tanggal : Senin, 4 April 2016

Waktu : 12.45-13.45

| Tipe<br>Kendaraan | Pendekatan |     |    |    |    |     |    |     |    | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|------------|-----|----|----|----|-----|----|-----|----|--------------------|----------------|
|                   | D          |     |    | C  |    |     | B  |     |    |                    |                |
|                   | LT         | ST  | RT | LT | ST | RT  | LT | ST  | RT |                    |                |
| LV                | 102        | 181 |    | 13 |    | 209 |    | 63  | 23 | 591                | 1075.8         |
| HV                | 5          | 13  |    | 0  |    | 12  |    | 1   | 0  | 31                 |                |
| MC                | 153        | 333 |    | 52 |    | 181 |    | 121 | 49 | 889                |                |
| UM                | 0          | 1   |    | 2  |    | 1   |    | 2   | 0  | 6                  |                |

TOTAL 1517  
 LV 39.0%  
 HV 2.0%  
 MC 58.6%  
 UM 0.4%

Data Lalu Lintas Kendaraan Per-jam

Hari/tanggal : Senin, 4 April 2016

Waktu : 13.00-14.00

| Tipe<br>Kendaraan | Pendekat |     |    |    |    |     |    |     |    | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|----------|-----|----|----|----|-----|----|-----|----|--------------------|----------------|
|                   | D        |     |    | C  |    |     | B  |     |    |                    |                |
|                   | LT       | ST  | RT | LT | ST | RT  | LT | ST  | RT |                    |                |
| LV                | 125      | 204 |    | 4  |    | 248 |    | 77  | 26 | 684                | 1250.9         |
| HV                | 6        | 15  |    | 0  |    | 10  |    | 2   | 0  | 33                 |                |
| MC                | 229      | 294 |    | 53 |    | 289 |    | 137 | 46 | 1048               |                |
| UM                | 0        | 1   |    | 2  |    | 2   |    | 4   | 0  | 9                  |                |

TOTAL 1774  
 LV 38.6%  
 HV 1.9%  
 MC 59.1%  
 UM 0.5%

LAMPIRAN II-3

Data Lalu Lintas Kendaraan Per-jam

Hari/tanggal : Senin, 4 April 2016  
 Waktu : 16.00-17.00

| Tipe<br>Kendaraan | Pendekat |      |    |     |    |     |    |     |     | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|----------|------|----|-----|----|-----|----|-----|-----|--------------------|----------------|
|                   | D        |      |    | C   |    |     | B  |     |     |                    |                |
|                   | LT       | ST   | RT | LT  | ST | RT  | LT | ST  | RT  |                    |                |
| LV                | 247      | 259  |    | 42  |    | 313 |    | 234 | 31  | 1126               | 3296.7         |
| HV                | 6        | 8    |    | 0   |    | 0   |    | 5   | 0   | 19                 |                |
| MC                | 464      | 2174 |    | 191 |    | 613 |    | 698 | 152 | 4292               |                |
| UM                | 0        | 10   |    | 1   |    | 0   |    | 6   | 0   | 17                 |                |

TOTAL 5454  
 LV 20.6%  
 HV 0.3%  
 MC 78.7%  
 UM 0.3%

Data Lalu Lintas Kendaraan Per-jam

Hari/tanggal : Senin, 4 April 2016  
 Waktu : 16.15-17.15

| Tipe<br>Kendaraan | Pendekat |      |    |     |    |     |    |     |     | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|----------|------|----|-----|----|-----|----|-----|-----|--------------------|----------------|
|                   | D        |      |    | C   |    |     | B  |     |     |                    |                |
|                   | LT       | ST   | RT | LT  | ST | RT  | LT | ST  | RT  |                    |                |
| LV                | 224      | 240  |    | 41  |    | 319 |    | 41  | 319 | 1184               | 3347.5         |
| HV                | 7        | 9    |    | 1   |    | 1   |    | 5   | 2   | 25                 |                |
| MC                | 431      | 2136 |    | 182 |    | 654 |    | 698 | 161 | 4262               |                |
| UM                | 0        | 7    |    | 1   |    | 0   |    | 1   | 0   | 9                  |                |

TOTAL 5480  
 LV 21.6%  
 HV 0.5%  
 MC 77.8%  
 UM 0.2%

Data Lalu Lintas Kendaraan Per-jam

Hari/tanggal : Senin, 4 April 2016

Waktu : 16.30-17.30

| Tipe<br>Kendaraan | Pendekat |      |    |     |    |     |    |     |     | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|----------|------|----|-----|----|-----|----|-----|-----|--------------------|----------------|
|                   | D        |      |    | C   |    |     | B  |     |     |                    |                |
|                   | LT       | ST   | RT | LT  | ST | RT  | LT | ST  | RT  |                    |                |
| LV                | 195      | 236  |    | 39  |    | 282 |    | 229 | 21  | 1002               | 3049.9         |
| HV                | 4        | 8    |    | 1   |    | 2   |    | 5   | 3   | 23                 |                |
| MC                | 346      | 2024 |    | 211 |    | 584 |    | 708 | 163 | 4036               |                |
| UM                | 0        | 6    |    | 1   |    | 0   |    | 6   | 0   | 13                 |                |

TOTAL 5074  
 LV 19.7%  
 HV 0.5%  
 MC 79.5%  
 UM 0.3%

Data Lalu Lintas Kendaraan Per-jam

Hari/tanggal : Senin, 4 April 2016

Waktu : 16.45-17.45

| Tipe<br>Kendaraan |     |      |    |     |    |     |    |     |     | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|-----|------|----|-----|----|-----|----|-----|-----|--------------------|----------------|
|                   | D   |      |    | C   |    |     | B  |     |     |                    |                |
|                   | LT  | ST   | RT | LT  | ST | RT  | LT | ST  | RT  |                    |                |
| LV                | 4   | 227  |    | 27  |    | 309 |    | 197 | 14  | 778                | 2414.2         |
| HV                | 4   | 12   |    | 1   |    | 5   |    | 4   | 3   | 29                 |                |
| MC                | 267 | 1523 |    | 173 |    | 503 |    | 586 | 145 | 3197               |                |
| UM                | 0   | 5    |    | 0   |    | 0   |    | 1   | 0   | 6                  |                |

TOTAL 4010  
 LV 19.4%  
 HV 0.7%  
 MC 79.7%  
 UM 0.1%

Data Lalu Lintas Kendaraan Per-jam

Hari/tanggal : Senin, 4 April 2016

Waktu : 17.00-18.00

| Tipe<br>Kendaraan |     |      |    |     |    |     |    |     |     | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|-----|------|----|-----|----|-----|----|-----|-----|--------------------|----------------|
|                   | D   |      |    | C   |    |     | B  |     |     |                    |                |
|                   | LT  | ST   | RT | LT  | ST | RT  | LT | ST  | RT  |                    |                |
| LV                | 199 | 208  |    | 26  |    | 276 |    | 178 | 13  | 900                | 2353.7         |
| HV                | 1   | 12   |    | 1   |    | 8   |    | 4   | 3   | 29                 |                |
| MC                | 251 | 1287 |    | 175 |    | 450 |    | 537 | 132 | 2832               |                |
| UM                | 0   | 7    |    | 0   |    | 0   |    | 0   | 0   | 7                  |                |

TOTAL 3768  
 LV 23.9%  
 HV 0.8%  
 MC 75.2%  
 UM 0.2%

LAMPIRAN II-4

Data Lalu Lintas Kendaraan Per-jam

Hari/tanggal : Sabtu, 2 April 2016

Waktu : 06.00-07.00

| Tipe<br>Kendaraan |     |      |    |     |    |     |    |     |     | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|-----|------|----|-----|----|-----|----|-----|-----|--------------------|----------------|
|                   | D   |      |    | C   |    |     | B  |     |     |                    |                |
|                   | LT  | ST   | RT | LT  | ST | RT  | LT | ST  | RT  |                    |                |
| LV                | 1   | 77   |    | 65  |    | 16  |    | 179 | 59  | 397                | 2858.9         |
| HV                | 1   | 257  |    | 8   |    | 5   |    | 56  | 16  | 343                |                |
| MC                | 176 | 1383 |    | 960 |    | 243 |    | 654 | 616 | 4032               |                |
| UM                | 4   | 9    |    | 4   |    | 4   |    | 35  | 4   | 60                 |                |

TOTAL 4832  
 LV 8.2%  
 HV 7.1%  
 MC 83.4%  
 UM 1.2%

Lintas Kendaraan Per-jam  
 Hari/tanggal : Sabtu, 2 April 2016  
 Waktu : 06.15-07.15

| Tipe<br>Kendaraan | Pendekat |      |    |     |    |     |    |     |     | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|----------|------|----|-----|----|-----|----|-----|-----|--------------------|----------------|
|                   | D        |      |    | C   |    |     | B  |     |     |                    |                |
|                   | LT       | ST   | RT | LT  | ST | RT  | LT | ST  | RT  |                    |                |
| LV                | 2        | 72   |    | 65  |    | 15  |    | 180 | 69  | 403                | 2872.9         |
| HV                | 2        | 284  |    | 12  |    | 4   |    | 53  | 13  | 368                |                |
| MC                | 167      | 1351 |    | 974 |    | 240 |    | 664 | 587 | 3983               |                |
| UM                | 5        | 7    |    | 9   |    | 8   |    | 7   | 5   | 41                 |                |

TOTAL 4795  
 LV 8.4%  
 HV 7.7%  
 MC 83.1%  
 UM 0.9%

Lintas Kendaraan Per-jam  
 Hari/tanggal : Sabtu, 2 April 2016  
 Waktu : 06.30-07.30

| Tipe<br>Kendaraan | Pendekat |      |    |     |    |     |    |     |     | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|----------|------|----|-----|----|-----|----|-----|-----|--------------------|----------------|
|                   | D        |      |    | C   |    |     | B  |     |     |                    |                |
|                   | LT       | ST   | RT | LT  | ST | RT  | LT | ST  | RT  |                    |                |
| LV                | 2        | 86   |    | 60  |    | 20  |    | 200 | 72  | 440                | 2837.2         |
| HV                | 2        | 281  |    | 12  |    | 3   |    | 46  | 5   | 349                |                |
| MC                | 180      | 1297 |    | 962 |    | 220 |    | 623 | 605 | 3887               |                |
| UM                | 6        | 0    |    | 8   |    | 10  |    | 7   | 4   | 35                 |                |

TOTAL 4711  
 LV 9.3%  
 HV 7.4%  
 MC 82.5%  
 UM 0.7%

Lintas Kendaraan Per-jam

Hari/tanggal : Sabtu, 2 April 2016

Waktu : 06.45-07.45

| Tipe<br>Kendaraan |     |      |    |     |    |     |    |     |     | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|-----|------|----|-----|----|-----|----|-----|-----|--------------------|----------------|
|                   | D   |      |    | C   |    |     | B  |     |     |                    |                |
|                   | LT  | ST   | RT | LT  | ST | RT  | LT | ST  | RT  |                    |                |
| LV                | 2   | 76   |    | 60  |    | 24  |    | 188 | 58  | 408                | 2477.4         |
| HV                | 2   | 247  |    | 16  |    | 3   |    | 48  | 7   | 323                |                |
| MC                | 148 | 1059 |    | 839 |    | 216 |    | 514 | 523 | 3299               |                |
| UM                | 5   | 1    |    | 8   |    | 11  |    | 0   | 4   | 29                 |                |

TOTAL 4059  
 LV 10.1%  
 HV 8.0%  
 MC 81.3%  
 UM 0.7%

Lintas Kendaraan Per-jam

Hari/tanggal : Sabtu, 2 April 2016

Waktu : 07.00-08.00

| Tipe<br>Kendaraan |     |     |    |     |    |     |    |     |     | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|-----|-----|----|-----|----|-----|----|-----|-----|--------------------|----------------|
|                   | D   |     |    | C   |    |     | B  |     |     |                    |                |
|                   | LT  | ST  | RT | LT  | ST | RT  | LT | ST  | RT  |                    |                |
| LV                | 3   | 70  |    | 57  |    | 21  |    | 180 | 50  | 381                | 2101.4         |
| HV                | 3   | 179 |    | 18  |    | 21  |    | 49  | 8   | 278                |                |
| MC                | 127 | 809 |    | 723 |    | 178 |    | 424 | 457 | 2718               |                |
| UM                | 3   | 2   |    | 9   |    | 10  |    | 0   | 3   | 27                 |                |

TOTAL 3404  
 LV 11.2%  
 HV 8.2%  
 MC 79.8%  
 UM 0.8%



LAMPIRAN II-5

Lintas Kendaraan Per-jam  
 Hari/tanggal : Sabtu, 2 April 2016  
 Waktu : 12.00-13.00

| Tipe<br>Kendaraan |     |     |    |     |    |     |    |     |     | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|-----|-----|----|-----|----|-----|----|-----|-----|--------------------|----------------|
|                   | D   |     |    | C   |    |     | B  |     |     |                    |                |
|                   | LT  | ST  | RT | LT  | ST | RT  | LT | ST  | RT  |                    |                |
| LV                | 9   | 70  |    | 96  |    | 30  |    | 267 | 106 | 578                | 2282.0         |
| HV                | 14  | 320 |    | 17  |    | 7   |    | 73  | 19  | 450                |                |
| MC                | 137 | 571 |    | 399 |    | 154 |    | 518 | 459 | 2238               |                |
| UM                | 1   | 2   |    | 2   |    | 15  |    | 8   | 0   | 28                 |                |

TOTAL 3294  
 LV 17.5%  
 HV 13.7%  
 MC 67.9%  
 UM 0.9%

Lintas Kendaraan Per-jam  
 Hari/tanggal : Sabtu, 2 April 2016  
 Waktu : 12.15-13.15

| Tipe<br>Kendaraan | Pendekat |     |    |     |    |     |    |     |     | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|----------|-----|----|-----|----|-----|----|-----|-----|--------------------|----------------|
|                   | D        |     |    | C   |    |     | B  |     |     |                    |                |
|                   | LT       | ST  | RT | LT  | ST | RT  | LT | ST  | RT  |                    |                |
| LV                | 10       | 74  |    | 102 |    | 27  |    | 265 | 469 | 947                | 2738.7         |
| HV                | 20       | 322 |    | 16  |    | 27  |    | 71  | 18  | 474                |                |
| MC                | 111      | 622 |    | 459 |    | 147 |    | 543 | 469 | 2351               |                |
| UM                | 1        | 1   |    | 0   |    | 16  |    | 8   | 0   | 26                 |                |

TOTAL 3798  
 LV 24.9%  
 HV 12.5%  
 MC 61.9%  
 UM 0.7%

Lintas Kendaraan Per-jam

Hari/tanggal : Sabtu, 2 April 2016

Waktu : 12.30-13.30

| Tipe<br>Kendaraan | Pendekat |     |    |     |    |     |    |     |     | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|----------|-----|----|-----|----|-----|----|-----|-----|--------------------|----------------|
|                   | D        |     |    | C   |    |     | B  |     |     |                    |                |
|                   | LT       | ST  | RT | LT  | ST | RT  | LT | ST  | RT  |                    |                |
| LV                | 10       | 83  |    | 107 |    | 29  |    | 248 | 98  | 575                | 2363.5         |
| HV                | 21       | 326 |    | 12  |    | 4   |    | 69  | 23  | 455                |                |
| MC                | 108      | 671 |    | 476 |    | 123 |    | 554 | 462 | 2394               |                |
| UM                | 1        | 1   |    | 1   |    | 13  |    | 8   | 0   | 24                 |                |

|       |       |
|-------|-------|
| TOTAL | 3448  |
| LV    | 16.7% |
| HV    | 13.2% |
| MC    | 69.4% |
| UM    | 0.7%  |

Lintas Kendaraan Per-jam

Hari/tanggal : Sabtu, 2 April 2016

Waktu : 12.45-13.45

| Tipe<br>Kendaraan | Pendekat |     |    |     |    |     |    |     |     | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|----------|-----|----|-----|----|-----|----|-----|-----|--------------------|----------------|
|                   | D        |     |    | C   |    |     | B  |     |     |                    |                |
|                   | LT       | ST  | RT | LT  | ST | RT  | LT | ST  | RT  |                    |                |
| LV                | 8        | 77  |    | 99  |    | 23  |    | 228 | 75  | 510                | 2215.6         |
| HV                | 18       | 302 |    | 10  |    | 3   |    | 64  | 75  | 472                |                |
| MC                | 80       | 623 |    | 441 |    | 107 |    | 504 | 429 | 2184               |                |
| UM                | 0        | 1   |    | 1   |    | 2   |    | 0   | 0   | 4                  |                |

|       |       |
|-------|-------|
| TOTAL | 3170  |
| LV    | 16.1% |
| HV    | 14.9% |
| MC    | 68.9% |
| UM    | 0.1%  |

Lintas Kendaraan Per-jam

Hari/tanggal : Sabtu, 2 April 2016

Waktu : 13.00-14.00

| Tipe<br>Kendaraan |    |     |    |     |    |    |    |     |     | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|----|-----|----|-----|----|----|----|-----|-----|--------------------|----------------|
|                   | D  |     |    | C   |    |    | B  |     |     |                    |                |
|                   | LT | ST  | RT | LT  | ST | RT | LT | ST  | RT  |                    |                |
| LV                | 7  | 76  |    | 86  |    | 25 |    | 225 | 76  | 495                | 2213.9         |
| HV                | 19 | 320 |    | 9   |    | 25 |    | 56  | 19  | 448                |                |
| MC                | 89 | 596 |    | 478 |    | 95 |    | 540 | 475 | 2273               |                |
| UM                | 0  | 0   |    | 1   |    | 1  |    | 0   | 1   | 3                  |                |

|       |       |
|-------|-------|
| TOTAL | 3219  |
| LV    | 15.4% |
| HV    | 13.9% |
| MC    | 70.6% |
| UM    | 0.1%  |

LAMPIRAN II-6

Lintas Kendaraan Per-jam

Hari/tanggal : Sabtu, 2 April 2016

Waktu : 16.00-17.00

| Tipe<br>Kendaraan |     |     |    |     |    |     |    |      |     | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|-----|-----|----|-----|----|-----|----|------|-----|--------------------|----------------|
|                   | D   |     |    | C   |    |     | B  |      |     |                    |                |
|                   | LT  | ST  | RT | LT  | ST | RT  | LT | ST   | RT  |                    |                |
| LV                | 3   | 48  |    | 87  |    | 8   |    | 296  | 81  | 523                | 2585.9         |
| HV                | 11  | 359 |    | 10  |    | 2   |    | 62   | 9   | 453                |                |
| MC                | 158 | 532 |    | 437 |    | 121 |    | 1060 | 640 | 2948               |                |
| UM                | 1   | 11  |    | 0   |    | 0   |    | 11   | 2   | 25                 |                |

|       |       |
|-------|-------|
| TOTAL | 3949  |
| LV    | 13.2% |
| HV    | 11.5% |
| MC    | 74.7% |
| UM    | 0.6%  |

Lintas Kendaraan Per-jam

Hari/tanggal : Sabtu, 2 April 2016

Waktu : 16.15-17.15

| Tipe<br>Kendaraan | Pendekat |     |    |     |    |     |    |      |     | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|----------|-----|----|-----|----|-----|----|------|-----|--------------------|----------------|
|                   | D        |     |    | C   |    |     | B  |      |     |                    |                |
|                   | LT       | ST  | RT | LT  | ST | RT  | LT | ST   | RT  |                    |                |
| LV                | 2        | 55  |    | 88  |    | 9   |    | 271  | 78  | 503                | 2492           |
| HV                | 8        | 333 |    | 9   |    | 2   |    | 56   | 7   | 415                |                |
| MC                | 152      | 479 |    | 427 |    | 113 |    | 1055 | 673 | 2899               |                |
| UM                | 1        | 0   |    | 1   |    | 0   |    | 0    | 4   | 6                  |                |

|       |       |
|-------|-------|
| TOTAL | 3823  |
| LV    | 13.2% |
| HV    | 10.9% |
| MC    | 75.8% |
| UM    | 0.2%  |

Lintas Kendaraan Per-jam

Hari/tanggal : Sabtu, 2 April 2016

Waktu : 16.30-17.30

| Tipe<br>Kendaraan | Pendekat |     |    |     |    |     |    |      |     | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|----------|-----|----|-----|----|-----|----|------|-----|--------------------|----------------|
|                   | D        |     |    | C   |    |     | B  |      |     |                    |                |
|                   | LT       | ST  | RT | LT  | ST | RT  | LT | ST   | RT  |                    |                |
| LV                | 2        | 53  |    | 85  |    | 8   |    | 294  | 80  | 522                | 2489.1         |
| HV                | 13       | 344 |    | 6   |    | 2   |    | 50   | 7   | 422                |                |
| MC                | 163      | 344 |    | 427 |    | 122 |    | 1123 | 658 | 2837               |                |
| UM                | 0        | 2   |    | 1   |    | 0   |    | 0    | 3   | 6                  |                |

|       |       |
|-------|-------|
| TOTAL | 3787  |
| LV    | 13.8% |
| HV    | 11.1% |
| MC    | 74.9% |
| UM    | 0.2%  |

Lintas Kendaraan Per-jam

Hari/tanggal : Sabtu, 2 April 2016

Waktu : 16.45-17.45

| Tipe<br>Kendaraan |     |     |    |     |    |     |    |      |     | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|-----|-----|----|-----|----|-----|----|------|-----|--------------------|----------------|
|                   | D   |     |    | C   |    |     | B  |      |     |                    |                |
|                   | LT  | ST  | RT | LT  | ST | RT  | LT | ST   | RT  |                    |                |
| LV                | 2   | 49  |    | 99  |    | 11  |    | 306  | 86  | 553                | 2693.8         |
| HV                | 12  | 353 |    | 8   |    | 2   |    | 55   | 86  | 516                |                |
| MC                | 168 | 446 |    | 425 |    | 120 |    | 1083 | 698 | 2940               |                |
| UM                | 1   | 2   |    | 1   |    | 0   |    | 0    | 4   | 8                  |                |

TOTAL 4017  
 LV 13.8%  
 HV 12.8%  
 MC 73.2%  
 UM 0.2%

Lintas Kendaraan Per-jam

Hari/tanggal : Sabtu, 2 April 2016

Waktu : 17.00-18.00

| Tipe<br>Kendaraan |     |     |    |     |    |     |    |     |     | Total<br>Kendaraan | Q<br>(smp/jam) |
|-------------------|-----|-----|----|-----|----|-----|----|-----|-----|--------------------|----------------|
|                   | D   |     |    | C   |    |     | B  |     |     |                    |                |
|                   | LT  | ST  | RT | LT  | ST | RT  | LT | ST  | RT  |                    |                |
| LV                | 3   | 44  |    | 94  |    | 10  |    | 290 | 82  | 523                | 2480.3         |
| HV                | 13  | 356 |    | 11  |    | 0   |    | 46  | 10  | 436                |                |
| MC                | 161 | 430 |    | 402 |    | 127 |    | 997 | 664 | 2781               |                |
| UM                | 1   | 2   |    | 2   |    | 0   |    | 0   | 3   | 8                  |                |

TOTAL 3748  
 LV 14.0%  
 HV 11.6%  
 MC 74.2%  
 UM 0.2%

|  |              |                      |                |                 |
|--|--------------|----------------------|----------------|-----------------|
| SIMPANG TAK BERSINYAL<br>FORMULIR USIG-I<br>GEOMETRI<br>ARUS LALU LINTAS | Hari,Tanggal | :Senin, 4 April 2016 | Ditangani oleh | : FARID SULEMAN |
|  | Kabupaten    | : Kulonprogo         | Ukuran Kota    | : Sedang        |
|  | Jl. Utama    | : Jl. Wates KM 17    |                |                 |
|  | Jl. Minor    | : Jl. Pengasih       |                |                 |
|  | Soal         | : Tugas Akhir        | Periode        | : 16.15-17.15   |



|    | KOMPOSISI LALU LINTAS                      |       | LV %  |                           | HV %   |                           | MC %  |                | Faktor smp                  |        | Faktor-k            | Kendaraan Tak Bermotor<br>UM kend/jam<br>(12) |       |
|----|--|-------|---|---------------------------|--|---------------------------|---|----------------|-----------------------------|--------|---------------------|---|-------|
|    | ARUS LALU LINTAS                           | Arah  | Kendaraan Ringan LV<br>emp=1,0<br>kend/jam<br>(3) | emp=1,3<br>smp/jam<br>(4) | Kendaraan Berat HV<br>emp=1,3<br>kend/jam<br>(5) | emp=0,5<br>smp/jam<br>(6) | Sepeda Motor MC<br>emp=0,5<br>kend/jam<br>(7) | smp/jam<br>(8) | Kendaraan Bermotor total MV |        | Rasio Belok<br>(11) |   |       |
| 1  | (1)  | (2)   | (3)   | (4)                       | (5)  | (6)                       | (7)   | (8)            | (9)                         | (10)   | (11)                | (12)  |       |
| 2  | Jl.Minor A                                 | LT    |   |                           |  |                           |   |                |                             |        |                     |   |       |
| 3  |  | ST    |   |                           |  |                           |   |                |                             |        |                     |   |       |
| 4  |  | RT    |   |                           |  |                           |   |                |                             |        |                     |   |       |
| 5  |  | Total |   |                           |  |                           |   |                |                             |        |                     |   |       |
| 6  | Jl.Minor C                                 | LT    | 41  | 41                        | 1  | 1.3                       | 182   | 91             | 224                         | 133.3  | 0.17                | 1   |       |
| 7  |  | ST    |   |                           |  |                           |   |                |                             |        |                     |   |       |
| 8  |  | RT    | 319   | 319                       | 1  | 1.3                       | 654   | 327            | 974                         | 647.3  | 0.83                | 0   |       |
| 9  |  | Total | 360   | 360                       | 2  | 2.6                       | 836   | 418            | 1198                        | 780.6  |                     | 1   |       |
| 10 | Jl.Minor total A+C                         |       | 360   | 360                       | 2  | 2.6                       | 836   | 418.0          | 1198                        | 780.6  |                     | 1   |       |
| 11 | Jl.Utama D                                 | LT    | 224   | 224                       | 7  | 9.1                       | 431   | 216            | 662                         | 448.6  | 0.25                | 0   |       |
| 12 |  | ST    | 240   | 240                       | 9  | 11.7                      | 2136  | 1068           | 2385                        | 1319.7 |                     | 7   |       |
| 13 |  | RT    |   |                           |  |                           |   |                |                             |        |                     |   |       |
| 14 |  | Total | 464   | 464                       | 16   | 20.8                      | 2567  | 1283.5         | 3047                        | 1768.3 |                     | 7   |       |
| 15 | Jl.Utama B                                 | LT    |   |                           |  |                           |   |                |                             |        |                     |   |       |
| 16 |  | ST    | 41  | 41                        | 5  | 7                         | 698   | 349            | 744                         | 397    |                     | 1   |       |
| 17 |  | RT    | 319   | 319                       | 2  | 3                         | 161   | 80.5           | 482                         | 402.1  | 0.50                | 0   |       |
| 18 |  | Total | 360   | 360                       | 7  | 9                         | 859   | 430            | 1226                        | 799    |                     | 1   |       |
| 19 | Jl.Utama total B+D                         |       | 824   | 824                       | 23   | 29.9                      | 3426  | 1713           | 4273                        | 2566.9 |                     | 8   |       |
| 20 | Utama + minor                              | LT    | 265   | 265                       | 8  | 10                        | 613   | 307            | 886                         | 581.9  | 0.17                | 1   |       |
| 21 |  | ST    | 281   | 281                       | 14   | 18                        | 2834  | 1417           | 3129                        | 1716.2 |                     | 8   |       |
| 22 |  | RT    | 638   | 638                       | 3  | 3.9                       | 815   | 408            | 1456                        | 1049.4 | 0.31                | 0   |       |
| 23 | Utama + minor total                        |       | 1184  | 1184                      | 25   | 32.5                      | 4262  | 2131.0         | 5471                        | 3347.5 | 0.49                | 9   |       |
| 24 | Rasio Jl.Minor / (Jl.Utama + Minor ) total |       |   |                           |  |                           |   |                |                             |        | 0.233               | UM/MV:  | 0.002 |

|  |              |                      |                |                 |
|--|--------------|----------------------|----------------|-----------------|
| SIMPANG TAK BERSINYAL<br>FORMULIR USIG-I<br>GEOMETRI<br>ARUS LALU LINTAS | Hari,Tanggal | :Senin, 4 April 2016 | Ditangani oleh | : FARID SULEMAN |
|  | Kabupaten    | : Kulonprogo         | Ukuran Kota    | : Sedang        |
|  | Jl. Utama    | : Jl. Wates KM 17    |                |                 |
|  | Jl. Minor    | : Jl. Pengasih       |                |                 |
|  | Soal         | : Tugas Akhir        | Periode        | : 16.15-17.15   |



|    | KOMPOSISI LALU LINTAS                      |       | LV %                        |             | HV %                       |             | MC %                    |             | Faktor smp                  |              | Faktor-k         | Kendaraan Tak Bermotor UM kend/jam (12) |
|----|--|-------|-----------------------------|-------------|----------------------------|-------------|-------------------------|-------------|-----------------------------|--------------|------------------|---|
|    | ARUS LALU LINTAS                           | Arah  | Kendaraan Ringan LV emp=1,0 | smp/jam (4) | Kendaraan Berat HV emp=1,3 | smp/jam (6) | Sepeda Motor MC emp=0,5 | smp/jam (8) | Kendaraan Bermotor total MV |              | Rasio Belok (11) |   |
| 1  | (1)  | (2)   | kend/jam (3)                |             | kend/jam (5)               |             | kend/jam (7)            |             | kend/jam (9)                | smp/jam (10) |                  |   |
| 2  | Jl.Minor A                                 | LT    |                             |             |                            |             |                         |             |                             |              |                  |   |
| 3  |  | ST    |                             |             |                            |             |                         |             |                             |              |                  |   |
| 4  |  | RT    |                             |             |                            |             |                         |             |                             |              |                  |   |
| 5  |  | Total |                             |             |                            |             |                         |             |                             |              |                  |   |
| 6  | Jl.Minor C                                 | LT    | 41                          | 41          | 1                          | 1.3         | 182                     | 91          | 224                         | 133.3        | 0.17             | 1                                       |
| 7  |  | ST    |                             |             |                            |             |                         |             |                             |              |                  |   |
| 8  |  | RT    | 319                         | 319         | 1                          | 1.3         | 654                     | 327         | 974                         | 647.3        | 0.83             | 0                                       |
| 9  |  | Total | 360                         | 360         | 2                          | 2.6         | 836                     | 418         | 1198                        | 780.6        |                  | 1                                       |
| 10 | Jl.Minor total A+C                         |       | 360                         | 360         | 2                          | 2.6         | 836                     | 418.0       | 1198                        | 780.6        |                  | 1                                       |
| 11 | Jl.Utama D                                 | LT    | 224                         | 224         | 7                          | 9.1         | 431                     | 216         | 662                         | 448.6        | 0.25             | 0                                       |
| 12 |  | ST    | 240                         | 240         | 9                          | 11.7        | 2136                    | 1068        | 2385                        | 1319.7       |                  | 7                                       |
| 13 |  | RT    |                             |             |                            |             |                         |             |                             |              |                  |   |
| 14 |  | Total | 464                         | 464         | 16                         | 20.8        | 2567                    | 1283.5      | 3047                        | 1768.3       |                  | 7                                       |
| 15 | Jl.Utama B                                 | LT    |                             |             |                            |             |                         |             |                             |              |                  |   |
| 16 |  | ST    | 41                          | 41          | 5                          | 7           | 698                     | 349         | 744                         | 397          |                  | 1                                       |
| 17 |  | RT    |                             |             |                            |             |                         |             |                             |              |                  |   |
| 18 |  | Total | 41                          | 41          | 5                          | 7           | 698                     | 349         | 744                         | 397          |                  | 1                                       |
| 19 | Jl.Utama total B+D                         |       | 505                         | 505         | 21                         | 27.3        | 3265                    | 1632.5      | 3791                        | 2164.8       |                  | 8                                       |
| 20 | Utama + minor                              | LT    | 265                         | 265         | 8                          | 10          | 613                     | 307         | 886                         | 581.9        | 0.20             | 1                                       |
| 21 |  | ST    | 281                         | 281         | 14                         | 18          | 2834                    | 1417        | 3129                        | 1716.2       |                  | 8                                       |
| 22 |  | RT    | 319                         | 319         | 1                          | 1.3         | 654                     | 327         | 974                         | 647.3        | 0.22             | 0                                       |
| 23 | Utama + minor total                        |       | 865                         | 865         | 23                         | 29.9        | 4101                    | 2050.5      | 4989                        | 2945.4       | 0.42             | 9                                       |
| 24 | Rasio Jl.Minor / (Jl.Utama + Minor ) total |       |                             |             |                            |             |                         |             |                             | 0.265        | UM/MV:           | 0.002                                   |

|  |              |                      |                |                 |
|--|--------------|----------------------|----------------|-----------------|
| SIMPANG TAK BERSINYAL<br>FORMULIR USIG-I<br>GEOMETRI<br>ARUS LALU LINTAS | Hari,Tanggal | :Senin, 4 April 2016 | Ditangani oleh | : FARID SULEMAN |
|  | Kabupaten    | : Kulonprogo         | Ukuran Kota    | : Sedang        |
|  | Jl. Utama    | : Jl. Wates KM 17    |                |                 |
|  | Jl. Minor    | : Jl. Pengasih       |                |                 |
|  | Soal         | : Tugas Akhir        | Periode        | : 16.15-17.15   |



|          | KOMPOSISI LALU LINTAS                      |       | LV %                        |                            | HV %                    |                             | MC %         |             | Faktor smp   |              | Faktor-k         | Kendaraan Tak Bermotor UM kend/jam (12) |       |
|----------|--|-------|-----------------------------|----------------------------|-------------------------|-----------------------------|--------------|-------------|--------------|--------------|------------------|---|-------|
|          | ARUS LALU LINTAS                           | Arah  | Kendaraan Ringan LV emp=1,0 | Kendaraan Berat HV emp=1,3 | Sepeda Motor MC emp=0,5 | Kendaraan Bermotor total MV |              |             |              |              |                  |   |       |
| Pendekat | (1)  | (2)   | kend/jam (3)                | smp/jam (4)                | kend/jam (5)            | smp/jam (6)                 | kend/jam (7) | smp/jam (8) | kend/jam (9) | smp/jam (10) | Rasio Belok (11) |   |       |
| 1        |  |       |                             |                            |                         |                             |              |             |              |              |                  |   |       |
| 2        | Jl.Minor A                                 | LT    |                             |                            |                         |                             |              |             |              |              |                  |   |       |
| 3        |  | ST    |                             |                            |                         |                             |              |             |              |              |                  |   |       |
| 4        |  | RT    |                             |                            |                         |                             |              |             |              |              |                  |   |       |
| 5        |  | Total |                             |                            |                         |                             |              |             |              |              |                  |   |       |
| 6        | Jl.Minor C                                 | LT    | 41                          | 41                         | 1                       | 1.3                         | 182          | 91          | 224          | 133.3        | 0.17             | 1                                       |       |
| 7        |  | ST    |                             |                            |                         |                             |              |             |              |              |                  |   |       |
| 8        |  | RT    | 319                         | 319                        | 1                       | 1.3                         | 654          | 327         | 974          | 647.3        | 0.83             | 0                                       |       |
| 9        |  | Total | 360                         | 360                        | 2                       | 2.6                         | 836          | 418         | 1198         | 780.6        |                  | 1                                       |       |
| 10       | Jl.Minor total A+C                         |       | 360                         | 360                        | 2                       | 2.6                         | 836          | 418.0       | 1198         | 780.6        |                  | 1                                       |       |
| 11       | Jl.Utama D                                 | LT    |                             |                            |                         |                             |              |             |              |              |                  |   |       |
| 12       |  | ST    | 240                         | 240                        | 9                       | 11.7                        | 2136         | 1068        | 2385         | 1319.7       |                  | 7                                       |       |
| 13       |  | RT    |                             |                            |                         |                             |              |             |              |              |                  |   |       |
| 14       |  | Total | 240                         | 240                        | 9                       | 11.7                        | 2136         | 1068        | 2385         | 1319.7       |                  | 7                                       |       |
| 15       | Jl.Utama B                                 | LT    |                             |                            |                         |                             |              |             |              |              |                  |   |       |
| 16       |  | ST    | 41                          | 41                         | 5                       | 7                           | 698          | 349         | 744          | 397          |                  | 1                                       |       |
| 17       |  | RT    |                             |                            |                         |                             |              |             |              |              |                  |   |       |
| 18       |  | Total | 41                          | 41                         | 5                       | 7                           | 698          | 349         | 744          | 397          |                  | 1                                       |       |
| 19       | Jl.Utama total B+D                         |       | 281                         | 281                        | 14                      | 18.2                        | 2834         | 1417        | 3129         | 1716.2       |                  | 8                                       |       |
| 20       | Utama + minor                              | LT    | 41                          | 41                         | 1                       | 1                           | 182          | 91          | 224          | 133.3        | 0.05             | 1                                       |       |
| 21       |  | ST    | 281                         | 281                        | 14                      | 18                          | 2834         | 1417        | 3129         | 1716.2       |                  | 8                                       |       |
| 22       |  | RT    | 319                         | 319                        | 1                       | 1.3                         | 654          | 327         | 974          | 647.3        | 0.26             | 0                                       |       |
| 23       | Utama + minor total                        |       | 641                         | 641                        | 16                      | 20.8                        | 3670         | 1835.0      | 4327         | 2496.8       | 0.31             | 9                                       |       |
| 24       | Rasio Jl.Minor / (Jl.Utama + Minor ) total |       |                             |                            |                         |                             |              |             |              |              | 0.313            | UM/MV:                                  | 0.002 |



|   |              |                      |                  |                 |
|---|--------------|----------------------|------------------|-----------------|
| SIMPANG TAK BERSINYAL<br>FORMULIR USIG-II<br>ANALISIS | Hari,Tanggal | :Senin, 4 April 2016 | Ditangani oleh   | : FARID SULEMAN |
|   | Kabupaten    | :Kulonprogo          | Ukuran Kota      | : Sedang        |
|   | Jl. Utama    | : Jl. Wates KM 17    | Lingkungan Jalan | : Komersial     |
|   | Jl. Minor    | : Jl. Pengasih       | Hambatan samping | : Tinggi        |
|   | Soal         | : Tugas Akhir        | Periode          | : 16.15-17.15   |

1. Lebar pendekat dan tipe simpang

| Pilihan | Jumlah Lengan Simpang | Lebar Pendekat (m) |       |          |             |       |          | Lebar Pendekat rata-rata $W_1$ | Jumlah Lajur |             | Tipe Simpang |
|---------|-----------------------|--------------------|-------|----------|-------------|-------|----------|--------------------------------|--------------|-------------|--------------|
|         |                       | Jalan Minor        |       |          | Jalan Utama |       |          |                                | Jalan Minor  | Jalan Utama |              |
|         |                       | $W_A$              | $W_C$ | $W_{AC}$ | $W_B$       | $W_D$ | $W_{BD}$ |                                |              |             |              |
| (1)     | (2)                   | (3)                | (4)   | (5)      | (6)         | (7)   | (8)      | (9)                            | (10)         | (11)        |              |
| 1       | 3                     |                    | 2.5   | 2.5      | 5.5         | 5.5   | 5.5      | 5.50                           | 2            | 4           | 324          |
| 2       | 3                     |                    | 2.5   | 2.5      | 5.5         | 5.5   | 5.5      | 5.50                           | 2            | 4           | 324          |
| 3       | 3                     |                    | 2.5   | 2.5      | 5.5         | 5.5   | 5.5      | 5.50                           | 2            | 4           | 324          |

2. Kapasitas

| Pilihan | Kapasitas Dasar<br>Co smp/jam<br>Tbl. B-2:1<br>(20) | Faktor Penyesuaian Kapasitas (F)                  |   |                                       |   |                                      |                                       |  | Kapasitas<br>(C)<br>smp/jam<br>(28) |
|---------|---|---|---|---------------------------------------|---|--------------------------------------|---------------------------------------|--|-------------------------------------|
|         |   | Lebar Pendekat Rata-Rata Fw<br>Gbr. B-3:1<br>(21) | Median Jalan Utama FM<br>Tbl. B-4:1<br>(22) | Ukuran Kota FCS<br>Tbl. B-5:1<br>(23) | Hambatan Samping FRSU<br>Tbl. B-6:1<br>(24) | Belok Kiri FLT<br>Gbr. B-7:1<br>(25) | Belok Kanan FRT<br>Gbr. B-8:1<br>(26) | Rasio Minor/total FM<br>Gbr. B-9:1<br>(27) |                                     |
|         |   | (21)  | (22)  | (23)                                  | (24)  | (25)                                 | (26)                                  | (27)                                       |                                     |
| 1       | 3200  | 0.975   | 1.000                                       | 0.820                                 | 0.926                                       | 1.120                                | 0.801                                 | 0.977                                      | 2077                                |
| 2       | 3200  | 0.975   | 1.000                                       | 0.820                                 | 0.926                                       | 1.120                                | 0.887                                 | 1.190                                      | 2802                                |
| 3       | 3200  | 0.975   | 1.000                                       | 0.820                                 | 0.926                                       | 0.926                                | 0.851                                 | 1.190                                      | 2222                                |
| 4       | 3200  | 0.975   | 2.000                                       | 0.820                                 | 0.926                                       | 0.926                                | 0.851                                 | 1.190                                      | 4444                                |

3. Perilaku Lalu Lintas

| Pilihan | Arus Lalu Lintas (Q)<br>smp/jam<br>USIG-I<br>Brs.23 kol 10 | Derajat Kejenuhan<br>(DS)<br>(30)/(28) | Tundaan Lalu Lintas<br>Simpang DT1<br>Gbr. C-2:1<br>(32) | Tundaan Lalu Lintas<br>Jl.Utama DTMA<br>Gbr. C-2:2<br>(33) | Tundaan Lalu Lintas<br>Jl.Minor DTMI<br>Gbr. C-2:2<br>(34) | Tundaan Geometrik<br>Simpang (DG)<br>(35) | Tundaan Simpang<br>(D)<br>(32)+(35)<br>(36) | Peluang Antrian<br>(QP %)<br>Gbr. C-3:1<br>(37) | Sasaran<br>(38) |
|---------|--|--|--|--|--|---|---|---|-----------------|
|         | (30)   | (31)                                   | (32)   | (33)   | (34)   | (35)                                      | (36)  | (37)  | (38)            |
|         | 1  | 3347.5                                 | 1.612  | 30.000   | 22.000   | 56.307                                    | 4   | 34.000  | 112,16%-249,32% |
| 2       | 2945.4   | 1.051                                  | 16.000   | 20.490   | 45.098   | 4   | 20.000                                      | 58,18%-118,13%                                  | DS > 0.8        |
| 3       | 2496.8   | 1.124                                  | 17.000   | 0.000  | 54.376   | 4   | 21.000                                      | 96,27%-208,75%                                  | DS > 0.8        |
| 4       | 3347.5   | 0.753                                  | 7.813  | 6.092  | 25.315   | 4   | 11.813                                      | 46,0665%-22,99847%                              | DS < 0.8        |

batas atas    batas bawah

249.12818    112.09291

88.489601    44.503079

102.55701    51.099854

46.066463    22.998474

Catatan :

Pilihan 1 Kondisi simpang pada saat sekarang

Pilihan 2 Perubahan dengan pengaturan pergerakan dilarang belok kanan dari Jl.Wates menuju Jl. Pengasih

Pilihan 3 Perubahan dengan pengaturan dilarang belok ke kiri dari arah Jl.Wates menuju Jl.Pengasih

Pilihan 4 Perubahan median jalan utama

LAMPIRAN V  
FOTO-FOTO KONDISI SIMPANG





