

LAMPIRAN

Lampiran 1 Data Survei *Classified Turning Movement Counting* (CTMC)

Nama Persimpangan : Simpang Alun-alun lama Ungaran
 Nama Jalan : Jl. HOS Cokroaminoto
 Jam Survei : Pukul 06.00-07.00
 Tanggal survei : Selasa, 30 April 2018
 Cuaca : Cerah

| MAYOR A (SELATAN) | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------|-----|----|----|-----|----|----|-----|------------------|-----|----|----|----|----|----|-----|-----------------|-----|----|----|----|----|----|-----|---|--|
| Periode Waktu | ST (Lurus) | | | | | ↑ | | | RT (Belok Kanan) | | | | | ↗ | | | LT (Belok Kiri) | | | | | ↖ | | | | |
| | MC | LV | | | | HV | | | MC | LV | | | | HV | | | MC | LV | | | | HV | | | | |
| | SM | MPU | PU | TK | BK | TB | BB | KTB | SM | MPU | PU | TK | BK | TB | BB | KTB | SM | MPU | PU | TK | BK | TB | BB | KTB | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | |
| Pagi | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 06.00-06.15 | 59 | 22 | - | 3 | 16 | - | 2 | - | 18 | 6 | - | - | 4 | - | - | - | 12 | 3 | - | - | - | - | - | - | - | |
| 06.15-06.30 | 67 | 24 | - | 2 | 12 | - | 1 | - | 11 | - | - | 1 | 1 | - | - | - | 10 | 5 | - | - | - | - | - | - | - | |
| 06.30-06.45 | 71 | 26 | - | 4 | 18 | - | 1 | - | 13 | 2 | - | - | 1 | - | - | - | 13 | 2 | - | - | - | - | - | - | - | |
| 06.45-07.00 | 62 | 31 | - | 2 | 16 | - | - | - | 17 | 4 | - | - | 3 | - | - | - | 9 | 1 | - | - | - | - | - | - | - | |
| TOTAL | 259 | 103 | - | 11 | 62 | - | 4 | - | 59 | 12 | - | 1 | 9 | - | - | - | 44 | 11 | - | - | - | - | - | - | - | |
| | | | | | 176 | | | 4 | | | | | 22 | | | | | | | | 11 | | | | | |

Nama Persimpangan : Simpang Alun-alun lama Ungaran

Nama Jalan : Jl. Pemuda

Jam Survei : Pukul 06.00-07.00

Tanggal survei : Selasa, 30 April 2018

Cuaca : Cerah

| MINOR B (BARAT) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|------------|-----|----|----|----|----|----|-----|----|------------------|----|----|----|----|----|-----|-----|-----|-----------------|----|----|----|----|-----|--|--|---|
| Periode Waktu | ST (Lurus) | | | | | | | | ↑ | RT (Belok Kanan) | | | | | | | | ↗ | LT (Belok Kiri) | | | | | | | | ↖ |
| | MC | LV | | | | HV | | | MC | LV | | | | HV | | | MC | LV | | | | HV | | | | | |
| | SM | MPU | PU | TK | BK | TB | BB | KTB | SM | MPU | PU | TK | BK | TB | BB | KTB | SM | MPU | PU | TK | BK | TB | BB | KTB | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | |
| Pagi | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 06.00-06.15 | 190 | 12 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 23 | 3 | - | - | - | - | - | - | | | |
| 06.15-06.30 | 231 | 12 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 23 | 4 | - | - | - | - | - | - | | | |
| 06.30-06.45 | 230 | 13 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 31 | 3 | - | - | - | - | - | - | | | |
| 06.45-07.00 | 225 | 10 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 32 | 9 | - | - | - | - | - | - | | | |
| TOTAL | 876 | 47 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 109 | 19 | - | - | - | - | - | - | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | 50 | | | | | | | | | | | | | | | | 19 | | | | |

Nama Persimpangan : Simpang Alun-alun lama Ungaran

Nama Jalan : Jl. HOS Cokroaminoto

Jam Survei : Pukul 06.00-07.00

Tanggal survei : Selasa, 30 April 2018

Cuaca : Cerah

| MAYOR C (UTARA) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|------------|-----|----|----|----|----|----|-----|-----|------------------|----|----|----|----|----|-----|-----|-----|-----------------|----|----|----|----|-----|---|--|---|
| Periode Waktu | ST (Lurus) | | | | | | | | ↑ | RT (Belok Kanan) | | | | | | | | ↗ | LT (Belok Kiri) | | | | | | | | ↖ |
| | MC | LV | | | | HV | | | MC | LV | | | | HV | | | MC | LV | | | | HV | | | | | |
| | SM | MPU | PU | TK | BK | TB | BB | KTB | SM | MPU | PU | TK | BK | TB | BB | KTB | SM | MPU | PU | TK | BK | TB | BB | KTB | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | |
| Pagi | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 06.00-06.15 | - | - | - | - | - | - | - | - | 65 | - | - | - | - | - | - | - | 147 | - | - | - | - | - | - | - | - | | |
| 06.15-06.30 | - | - | - | - | - | - | - | - | 80 | - | - | - | - | - | - | - | 227 | - | - | - | - | - | - | - | | | |
| 06.30-06.45 | - | - | - | - | - | - | - | - | 110 | - | - | - | - | - | - | - | 273 | - | - | - | - | - | - | - | | | |
| 06.45-07.00 | - | - | - | - | - | - | - | - | 97 | - | - | - | - | - | - | - | 269 | - | - | - | - | - | - | - | | | |
| TOTAL | - | - | - | - | - | - | - | - | 352 | - | - | - | - | - | - | - | 916 | - | - | - | - | - | - | - | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Nama Persimpangan : Simpang Alun-alun lama Ungaran

Nama Jalan : Jl. Pemuda

Jam Survei : Pukul 06.00-07.00

Tanggal survei : Selasa, 30 April 2018

Cuaca : Cerah

| MINOR D (TIMUR) | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|------------|-----|----|----|----|----|----|-----|------------------|-----|----|----|----|----|----|-----|-----------------|-----|----|----|----|----|----|-----|---|--|
| Periode Waktu | ST (Lurus) | | | | | ↑ | | | RT (Belok Kanan) | | | | | ↗ | | | LT (Belok Kiri) | | | | | ↖ | | | | |
| | MC | LV | | | | HV | | | MC | LV | | | | HV | | | MC | LV | | | | HV | | | | |
| | SM | MPU | PU | TK | BK | TB | BB | KTB | SM | MPU | PU | TK | BK | TB | BB | KTB | SM | MPU | PU | TK | BK | TB | BB | KTB | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | |
| Pagi | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 06.00-06.15 | 9 | - | 3 | - | - | - | - | - | 36 | 9 | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 06.15-06.30 | 12 | - | 4 | - | - | - | - | - | 43 | 7 | - | - | 6 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 06.30-06.45 | 16 | - | 6 | - | - | - | - | - | 47 | 7 | - | - | 4 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 06.45-07.00 | 16 | - | 3 | - | - | - | - | - | 43 | 6 | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | |
| TOTAL | 53 | 0 | 16 | - | - | - | - | - | 169 | 29 | - | - | 14 | - | - | - | - | - | - | - | - | - | - | - | - | |
| | | | | | | | 16 | | | | | | 43 | | | | | | | | | | | | | |

Lampiran 2 Data Survei Kecepatan

Nama Jalan : Jl. HOS Cokroaminoto (Mayor A)
Jam Survei : Pukul 06.00-07.00
Tanggal survei : Rabu, 01 April 2018
Cuaca : Cerah

| No | Kecepatan Sepeda Motor (km/jam) | | | | | | | | |
|----|---------------------------------|----|----|----|----|----|----|----|-------------|
| 1 | 44 | 44 | 55 | 50 | 57 | 48 | 39 | 55 | 57 |
| 2 | 43 | 51 | 60 | 47 | 62 | 61 | 58 | 45 | 50 |
| 3 | 55 | 50 | 55 | 48 | 55 | 38 | 57 | 52 | 57 |
| 4 | 58 | 57 | 48 | 58 | 53 | 45 | 55 | 51 | 40 |
| 5 | 52 | 60 | 58 | 55 | 57 | 46 | 44 | 55 | 42 |
| 6 | 38 | 49 | 57 | 52 | 50 | 46 | 48 | 44 | 58 |
| 7 | 55 | 52 | 62 | 48 | 48 | 59 | 61 | 58 | 48 |
| 8 | 48 | 48 | 55 | 51 | 55 | 55 | 55 | 42 | 55 |
| 9 | 55 | 50 | 53 | 55 | 53 | 60 | 45 | 58 | 45 |
| 10 | 47 | 38 | 57 | 48 | 54 | 55 | 46 | 48 | 52 |
| 11 | 60 | 51 | 50 | 60 | 58 | 59 | 46 | 45 | 51 |
| 12 | 57 | 55 | 43 | 53 | 56 | 44 | 59 | 46 | 52 |
| 13 | 38 | 48 | 50 | 54 | 60 | 39 | 55 | 46 | 45 |
| 14 | 55 | 60 | 44 | 58 | 55 | 58 | 48 | 59 | 46 |
| 15 | 47 | 53 | 49 | 56 | 59 | 57 | 53 | 55 | 46 |
| 16 | 58 | 54 | 50 | 47 | 55 | 55 | 48 | 35 | 53 |
| 17 | 49 | 58 | 48 | 50 | 48 | 44 | 58 | 55 | 45 |
| 18 | 53 | 56 | 45 | 44 | 47 | 50 | 42 | 52 | Total = 177 |
| 19 | 49 | 57 | 57 | 48 | 58 | 52 | 58 | 55 | |
| 20 | 36 | 62 | 54 | 58 | 66 | 57 | 48 | 59 | |

Nama Jalan : Jl. HOS Cokroaminoto (Mayor A)
 Jam Survei : Pukul 06.00-07.00
 Tanggal survei : Rabu, 01 April 2018
 Cuaca : Cerah

| No | Kecepatan Mobil Pribadi (km/jam) | | | | |
|----|----------------------------------|----|----|----|------------|
| 1 | 48 | 38 | 48 | 48 | 48 |
| 2 | 60 | 38 | 48 | 40 | 49 |
| 3 | 55 | 45 | 60 | 48 | 55 |
| 4 | 48 | 46 | 50 | 58 | 38 |
| 5 | 53 | 46 | 47 | 42 | 53 |
| 6 | 55 | 59 | 48 | 58 | 50 |
| 7 | 50 | 46 | 57 | 48 | 38 |
| 8 | 60 | 59 | 59 | 55 | 58 |
| 9 | 48 | 55 | 50 | 45 | 57 |
| 10 | 50 | 60 | 50 | 52 | 55 |
| 11 | 48 | 55 | 51 | 51 | 44 |
| 12 | 58 | 62 | 55 | 55 | 50 |
| 13 | 35 | 44 | 59 | 60 | 52 |
| 14 | 60 | 42 | 50 | 55 | 57 |
| 15 | 55 | 34 | 48 | 59 | 55 |
| 16 | 44 | 64 | 48 | 55 | Total = 95 |
| 17 | 48 | 51 | 60 | 45 | |
| 18 | 50 | 55 | 52 | 47 | |
| 19 | 53 | 59 | 39 | 58 | |
| 20 | 48 | 50 | 44 | 68 | |

Nama Jalan : Jl. HOS Cokroaminoto (Mayor A)
 Jam Survei : Pukul 06.00-07.00
 Tanggal survei : Rabu, 01 April 2018
 Cuaca : Cerah

| Kecepatan km/jam | | | | | |
|------------------|-----------|----|------------|-----------|-----------|
| No | Bus Kecil | | | Bus besar | Truk 2 As |
| 1 | 60 | 50 | 35 | 38 | 55 |
| 2 | 40 | 53 | 60 | 48 | 50 |
| 3 | 49 | 48 | 55 | 55 | 57 |
| 4 | 50 | 55 | 52 | 50 | 46 |
| 5 | 45 | 42 | 53 | | 48 |
| 6 | 49 | 55 | 60 | | 59 |
| 7 | 43 | 61 | 48 | | 35 |
| 8 | 57 | 38 | 57 | | 44 |
| 9 | 52 | 45 | 59 | | 50 |
| 10 | 55 | 46 | 50 | | 48 |
| 11 | 48 | 46 | 48 | | |
| 12 | 53 | 59 | 48 | | |
| 13 | 49 | 55 | 60 | | |
| 14 | 59 | 60 | 50 | | |
| 15 | 53 | 55 | 55 | | |
| 16 | 48 | 59 | 39 | | |
| 17 | 46 | 45 | 52 | | |
| 18 | 50 | 35 | 60 | | |
| 19 | 60 | 45 | Total = 62 | | |
| 20 | 48 | 58 | | | |

Nama Jalan : Jl. HOS Cokroaminoto (Mayor C)
 Jam Survei : Pukul 06.00-07.00
 Tanggal survei : Rabu, 01 April 2018
 Cuaca : Cerah

| No | Kecepatan Sepeda Motor (km/jam) | | | | | | | | | | | | | |
|----|---------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|-------------|
| 1 | 57 | 38 | 50 | 50 | 55 | 62 | 62 | 55 | 46 | 60 | 50 | 55 | 55 | 55 |
| 2 | 60 | 38 | 55 | 43 | 52 | 48 | 48 | 59 | 46 | 53 | 47 | 60 | 59 | 45 |
| 3 | 49 | 45 | 48 | 50 | 48 | 49 | 61 | 55 | 59 | 54 | 48 | 55 | 45 | 52 |
| 4 | 52 | 46 | 60 | 50 | 51 | 55 | 38 | 45 | 46 | 58 | 57 | 59 | 35 | 51 |
| 5 | 48 | 46 | 53 | 47 | 55 | 38 | 45 | 47 | 59 | 56 | 59 | 55 | 45 | 55 |
| 6 | 50 | 59 | 54 | 48 | 48 | 53 | 46 | 58 | 55 | 57 | 50 | 45 | 58 | 44 |
| 7 | 38 | 46 | 58 | 57 | 60 | 50 | 46 | 62 | 60 | 62 | 50 | 47 | 35 | 58 |
| 8 | 36 | 59 | 56 | 59 | 53 | 38 | 59 | 60 | 55 | 55 | 51 | 58 | 60 | 42 |
| 9 | 44 | 55 | 57 | 50 | 54 | 58 | 48 | 52 | 62 | 60 | 55 | 62 | 55 | 58 |
| 10 | 51 | 60 | 62 | 50 | 58 | 57 | 51 | 39 | 44 | 55 | 59 | 48 | 52 | 48 |
| 11 | 50 | 55 | 55 | 51 | 56 | 55 | 55 | 44 | 57 | 48 | 50 | 49 | 53 | 45 |
| 12 | 57 | 62 | 60 | 55 | 51 | 58 | 48 | 48 | 62 | 58 | 48 | 55 | 60 | 46 |
| 13 | 60 | 44 | 55 | 59 | 55 | 56 | 60 | 40 | 55 | 57 | 48 | 38 | 48 | 46 |
| 14 | 49 | 57 | 48 | 50 | 60 | 60 | 53 | 48 | 53 | 62 | 60 | 53 | 57 | 59 |
| 15 | 52 | 62 | 58 | 48 | 55 | 55 | 54 | 58 | 57 | 55 | 52 | 50 | 53 | Total = 274 |
| 16 | 48 | 55 | 57 | 48 | 59 | 59 | 58 | 42 | 50 | 53 | 39 | 38 | 48 | |
| 17 | 50 | 53 | 62 | 60 | 55 | 55 | 56 | 58 | 43 | 57 | 58 | 46 | 58 | |
| 18 | 38 | 57 | 55 | 52 | 45 | 48 | 51 | 48 | 50 | 50 | 45 | 59 | 42 | |
| 19 | 51 | 50 | 53 | 39 | 47 | 47 | 55 | 55 | 55 | 43 | 52 | 55 | 58 | |
| 20 | 55 | 43 | 57 | 58 | 58 | 58 | 60 | 45 | 48 | 50 | 51 | 60 | 48 | |

Lampiran 3 Data Konflik Lalu Lintas

Jam Survei : Pukul 06.00-07.00
Tanggal survei : Selasa, 30 April 2018
Cuaca : Cerah

| No. | Waktu | Jenis Konflik | Jumlah Konflik |
|-----|-------------|---------------|----------------|
| 1 | 0-15 Menit | Diverging | 2 |
| | | Merging | 8 |
| | | Crossing | 13 |
| | | Weaving | 0 |
| 2 | 15-30 Menit | Diverging | 1 |
| | | Merging | 16 |
| | | Crossing | 27 |
| | | Weaving | 0 |
| 3 | 30-45 Menit | Diverging | 0 |
| | | Merging | 19 |
| | | Crossing | 25 |
| | | Weaving | 0 |
| 4 | 45-60 Menit | Diverging | 1 |
| | | Merging | 21 |
| | | Crossing | 31 |
| | | Weaving | 0 |