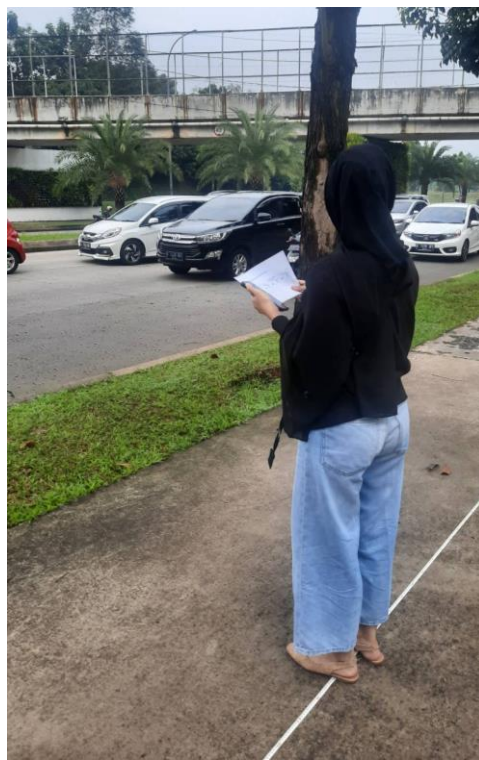


LAMPIRAN

Lampiran 1. 1 Dokumentasi Survei di Titik Pengamatan







Lampiran 2. 1 Surat Izin Permohonan Pengambilan Data



Tanggal : 29 Maret 2022
Nomor : 008/EKS-TSP/UPJ/03.22
Lampiran : 1 (satu)
Perihal : Surat Permohonan Izin Penelitian dan Pengambilan Data

Kepada Yth,
Manajer Pengelola Kawasan Bintaro Jaya
Pengelola Kawasan Bintaro Jaya
Jl. Boulevard Bintaro Jaya
CBD Emerald Blok EB/A, Par
Pondok Aren, Kota Tangerang Selatan, Banten 15227

Dengan hormat,

Sehubungan dengan pelaksanaan kegiatan belajar mengajar di Universitas Pembangunan Jaya, Program Studi Teknik Sipil menyelenggarakan program skripsi sebagai syarat penyelesaian program kesarjanaaan.

Dengan maksud tersebut, kami, Program Studi Teknik Sipil Universitas Pembangunan Jaya, memohon kepada Bapak/Ibu agar dapat mengizinkan mahasiswa kami untuk dapat melakukan penelitian dan pengambilan data dalam rangka menyelesaikan penelitian yang dimaksud. Pengambilan data ini bertujuan untuk kebutuhan data pendukung skripsi yang berjudul *Pengaruh Tindakan dan Panjang Antrian Pada Simpang Bersinyal Terhadap Konsumsi Bahan Bakar Minyak dengan studi kasus Persimpangan CBD Emerald Bintaro.*

Adapun mahasiswa tersebut adalah

Nama : Rafenina Adisty Nasution
NIM : 2018091021
No HP/Email : 087787634319 / Rafenina.Adistynasution@student.upj.ac.id

Apabila ada hal yang ingin dikonfirmasi, mohon kiranya dapat menghubungi Bapak Fredy Jhon Philip S, S.T., M.T. (081285904272) selaku dosen pembimbing skripsi mahasiswa tersebut. Demikian surat ini kami sampaikan. Atas perhatian dan kerja samanya, kami ucapkan terima kasih.

Hormat Kami,
Kepala Program Studi Teknik Sipil
Universitas Pembangunan Jaya

Pratika Riris Putrianti, S.T., M.T
NIP. 08.0120.004

Catatan : Mohon maaf apabila terdapat kesalahan dalam penulisan Nama dan Gelar

Universitas Pembangunan Jaya
Jl. Cendrawasih Raya, Blok B7/P, Bintaro Jaya, Sawah Baru, Ciputat, Tangerang Selatan, 15413
Phone: 021.745 5555 | Fax: 021.298 615 25 (Marketing) | Fax.: 021.298 615 45 (Rektorat) | Website: www.upj.ac.id

Lampiran 2. 2 Surat Persetujuan Pengambilan Data

Tangerang, 4 April 2022

Nomor : 0226/JRP/PKB-HMS/IV/2022
Lampiran :
Perihal : Jawaban Surat

Kepada Yth,
Ibu Pratika Riris Putrianti, S.T., M.T
Kepala Program Studi Teknik Sipil
Universitas Pembangunan Jaya

Dengan hormat,

Teriring salam dan doa kami sampaikan semoga Bapak/Ibu dan keluarga dalam keadaan sehat dan selalu dalam lindungan Tuhan Yang Maha Esa.

Menindaklanjuti surat No. 008/EKS-TSP/UPJ/03.22 perihal permohonan izin penelitian dan pengambilan data atas mahasiswa **Rafenina Adisty Nasution**, dengan ini kami sampaikan bahwa penelitian dan pengambilan data tersebut dapat dilakukan.

Apabila ada bantuan yang diperlukan dapat menghubungi staf kami Alia (08113339494) selaku Staf Humas dari Pengelola Kawasan Bintaro Jaya.

Demikian pemberitahuan ini kami sampaikan, atas perhatian dan kerjasamanya kami ucapkan terima kasih.

Hormat kami,
PT Jaya Real Property, Tbk
Unit Pengelola Kawasan Bintaro Jaya


Yohanes Rianto
Manajer Unit

Tembusan :

- Yth, Direktur PT Jaya Real Property
- Arsip

Dok : 023/F/MR/JRP/06 Rev : 0

PT JAYA REAL PROPERTY, Tbk.
CBD Emerald Blok EB/A, Boulevard Bintaro Jaya , Tangerang Selatan 15227, Indonesia
Telp. (62-21) 7486 4001, Fax. (62-21) 7486 4002, Website : www.jayaproperty.com

Lampiran 3. 1 Formulir Hasil Pengambilan Data

FORMULIR DATA VOLUME KENDARAAN

Surveyor : Refi dan Nisrina
 Tanggal : Selasa, 12 April 2022
 Arah : Pendekat RSPI (Arah Lurus)
 Cuaca : Cerah

Siklus	Waktu Pengamatan	Jumlah Kendaraan						TOTAL KEND	TOTAL SKR
		SM		KR		KB			
		Kend	skr	kend	skr	kend	skr		
1	07.01 - 07.03	25	3.75	30	30	2	2.6	57	36.35
2	07.04 - 07.06	15	2.25	25	25	1	1.3	41	28.55
3	07.07 - 07.10	18	2.7	26	26	1	1.3	45	30
4	07.11 - 07.13	28	4.2	32	32	2	2.6	62	38.8
5	07.14 - 07.16	22	3.3	32	32	2	2.6	56	37.9
6	07.17 - 07.19	15	2.25	25	25	0	0	40	27.25
7	07.20 - 07.23	35	5.25	23	23	0	0	58	28.25
8	07.24 - 07.26	30	4.5	19	19	0	0	49	23.5
9	07.27 - 07.30	38	5.7	32	32	1	1.3	71	39
10	07.31 - 07.33	27	4.05	31	31	0	0	58	35.05
11	07.34 - 07.37	27	4.05	29	29	2	2.6	58	35.65
12	07.38 - 07.40	28	4.2	27	27	0	0	55	31.2
13	07.41 - 07.43	26	3.9	40	40	2	2.6	68	46.5
14	07.44 - 07.46	33	4.95	28	28	0	0	61	32.95
15	07.47 - 07.50	45	6.75	21	21	0	0	66	27.75
16	07.51 - 07.53	35	5.25	25	25	0	0	60	30.25
17	07.54 - 07.57	24	3.6	21	21	1	1.3	46	25.9
18	07.57 - 08.00	38	5.7	21	21	0	0	59	26.7
19	08.01 - 08.04	24	3.6	32	32	0	0	56	35.6
20	08.05 - 08.07	33	4.95	18	18	1	1.3	52	24.25
21	08.08 - 08.10	40	6	28	28	0	0	68	34
22	08.11 - 08.14	28	4.2	34	34	0	0	62	38.2
23	08.15 - 08.17	28	4.2	29	29	0	0	57	33.2
24	08.18 - 08.21	29	4.35	21	21	0	0	50	25.35
25	08.21 - 08.24	27	4.05	28	28	0	0	55	32.05
26	08.25 - 08.28	25	3.75	25	25	2	2.6	52	31.35
27	08.29 - 08.31	26	3.9	20	20	1	1.3	47	25.2
28	08.32 - 08.34	30	4.5	30	30	0	0	60	34.5
29	08.35 - 08.38	42	6.3	31	31	1	1.3	74	38.6
30	08.39 - 08.41	37	5.55	37	37	1	1.3	75	43.85
31	08.42 - 08.45	26	3.9	21	21	2	2.6	49	27.5
32	08.46 - 08.48	21	3.15	24	24	0	0	45	27.15
33	08.49 - 08.52	17	2.55	37	37	1	1.3	55	40.85
34	08.53 - 08.55	32	4.8	29	29	3	3.9	64	37.7
35	08.56 - 08.58	21	3.15	29	29	0	0	50	32.15
36	08.59 - 09.01	22	3.3	25	25	1	1.3	48	29.6
	TOTAL	1017	152.55	985	985	27	35.1	2029	1172.65

FORMULIR DATA VOLUME KENDARAAN

Surveyor : Refi dan Nisrina
 Tanggal : Selasa, 12 April 2022
 Arah : Pendekat RSPI (Arah Lurus)
 Cuaca : Cerah

Siklus	Waktu Pengamatan	Jumlah Kendaraan						TOTAL KEND	TOTAL SKR
		SM		KR		KB			
		kend	skr	kend	skr	kend	skr		
1	11.01 - 11.03	20	3	17	17	0	0	37	20
2	11.04 - 11.06	18	2.7	18	18	0	0	36	20.7
3	11.07 - 11.08	25	3.75	20	20	1	1.3	46	25.05
4	11.09 - 11.10	25	3.75	22	22	0	0	47	25.75
5	11.11 - 11.12	23	3.45	19	19	1	1.3	43	23.75
6	11.13 - 11.14	19	2.85	17	17	0	0	36	19.85
7	11.14 - 11.15	23	3.45	24	24	1	1.3	48	28.75
8	11.16 - 11.17	25	3.75	25	25	2	2.6	52	31.35
9	11.18 - 11.19	13	1.95	31	31	0	0	44	32.95
10	11.20 - 11.21	15	2.25	19	19	2	2.6	36	23.85
11	11.22 - 11.23	9	1.35	18	18	2	2.6	29	21.95
12	11.24 - 11.25	14	2.1	20	20	0	0	34	22.1
13	11.26 - 11.27	18	2.7	19	19	2	2.6	39	24.3
14	11.28 - 11.29	12	1.8	29	29	2	2.6	43	33.4
15	11.30 - 11.31	16	2.4	17	17	2	2.6	35	22
16	11.32 - 11.33	19	2.85	17	17	0	0	36	19.85
17	11.34 - 11.35	22	3.3	19	19	4	5.2	45	27.5
18	11.36 - 11.37	15	2.25	26	26	0	0	41	28.25
19	11.38 - 11.39	13	1.95	12	12	1	1.3	26	15.25
20	11.39 - 11.40	20	3	12	12	1	1.3	33	16.3
21	11.41 - 11.42	15	2.25	21	21	2	2.6	38	25.85
22	11.43 - 11.44	14	2.1	25	25	0	0	39	27.1
23	11.45 - 11.46	14	2.1	16	16	2	2.6	32	20.7
24	11.47 - 11.48	20	3	17	17	0	0	37	20
25	11.49 - 11.50	27	4.05	19	19	2	2.6	48	25.65
26	11.51 - 11.52	13	1.95	15	15	3	3.9	31	20.85
27	11.53 - 11.54	12	1.8	23	23	1	1.3	36	26.1
28	11.55 - 11.56	12	1.8	14	14	1	1.3	27	17.1
29	11.57 - 11.58	10	1.5	13	13	2	2.6	25	17.1
30	11.59 - 12.00	16	2.4	16	16	0	0	32	18.4
31	12.01 - 12.02	4	0.6	22	22	0	0	26	22.6
32	12.02 - 12.03	24	3.6	8	8	2	2.6	34	14.2
33	12.04 - 12.05	13	1.95	19	19	0	0	32	20.95
34	12.06 - 12.07	11	1.65	15	15	2	2.6	28	19.25
35	12.08 - 12.09	11	1.65	27	27	0	0	38	28.65
36	12.10 - 12.11	14	2.1	17	17	1	1.3	32	20.4
37	12.12 - 12.13	5	0.75	17	17	1	1.3	23	19.05
38	12.14 - 12.15	10	1.5	20	20	1	1.3	31	22.8
39	12.16 - 12.17	9	1.35	18	18	0	0	27	19.35
40	12.18 - 12.19	12	1.8	10	10	1	1.3	23	13.1
41	12.20 - 12.21	20	3	18	18	0	0	38	21
42	12.22 - 12.23	12	1.8	20	20	0	0	32	21.8
43	12.24 - 12.25	13	1.95	19	19	1	1.3	33	22.25
44	12.25 - 12.26	10	1.5	18	18	1	1.3	29	20.8

Siklus	Waktu Pengamatan	Jumlah Kendaraan						TOTAL KEND	TOTAL SKR
		SM		KR		KB			
		kend	skr	kend	skr	kend	skr		
45	12.27 - 12.28	13	1.95	20	20	0	0	33	21.95
46	12.29 - 12.30	12	1.8	12	12	2	2.6	26	16.4
47	12.31 - 12.32	18	2.7	20	20	0	0	38	22.7
48	12.32 - 12.34	7	1.05	21	21	3	3.9	31	25.95
49	12.35 - 12.36	12	1.8	15	15	0	0	27	16.8
50	12.37 - 12.38	14	2.1	21	21	0	0	35	23.1
51	12.39 - 12.40	25	3.75	16	16	0	0	41	19.75
52	12.41 - 12.42	12	1.8	20	20	1	1.3	33	23.1
53	12.43 - 12.44	8	1.2	14	14	0	0	22	15.2
54	12.45 - 12.46	6	0.9	17	17	0	0	23	17.9
55	12.46 - 12.47	16	2.4	20	20	0	0	36	22.4
56	12.48 - 12.49	9	1.35	13	13	1	1.3	23	15.65
57	12.49 - 12.51	8	1.2	14	14	2	2.6	24	17.8
58	12.52 - 12.53	11	1.65	10	10	1	1.3	22	12.95
59	12.54 - 12.55	7	1.05	16	16	0	0	23	17.05
60	12.56 - 12.57	13	1.95	14	14	1	1.3	28	17.25
61	12.58 - 12.59	16	2.4	20	20	0	0	36	22.4
TOTAL		892	133.8	1111	1111	55	71.5	2058	1316.3

FORMULIR DATA VOLUME KENDARAAN

Surveyor : Refi dan Nisrina
 Tanggal : Selasa, 12 April 2022
 Arah : Pendekat RSPI (Arah Lurus)
 Cuaca : Cerah

Siklus	Waktu Pengamatan	Jumlah Kendaraan						TOTAL KEND	TOTAL SKR
		SM		KR		KB			
		Kend	skr	kend	skr	kend	skr		
1	16.01 - 16.02	29	4.35	28	28	0	0	57	32.35
2	16.03 - 16.04	14	2.1	29	29	0	0	43	31.1
3	16.05 - 16.06	9	1.35	31	31	0	0	40	32.35
4	16.07 - 16.08	28	4.2	17	17	1	1.3	46	22.5
5	16.09 - 16.10	22	3.3	25	25	1	1.3	48	29.6
6	16.11 - 16.13	46	6.9	28	28	2	2.6	76	37.5
7	16.13 - 16.14	50	7.5	35	35	0	0	85	42.5
8	16.15 - 16.17	40	6	45	45	2	2.6	87	53.6
9	16.18 - 16.20	54	8.1	38	38	1	1.3	93	47.4
10	16.21 - 16.22	38	5.7	30	30	1	1.3	69	37
11	16.23 - 16.24	49	7.35	37	37	2	2.6	88	46.95
12	16.25 - 16.27	46	6.9	40	40	1	1.3	87	48.2
13	16.28 - 16.29	50	7.5	49	49	1	1.3	100	57.8
14	16.30 - 16.31	45	6.75	42	42	1	1.3	88	50.05
15	16.32 - 16.34	39	5.85	43	43	3	3.9	85	52.75
16	16.34 - 16.36	32	4.8	37	37	4	5.2	73	47
17	16.37 - 16.39	61	9.15	26	26	1	1.3	88	36.45
18	16.39 - 16.41	60	9	35	35	0	0	95	44
19	16.42 - 16.44	55	8.25	41	41	0	0	96	49.25
20	16.44 - 16.46	58	8.7	39	39	2	2.6	99	50.3
21	16.46 - 16.48	50	7.5	45	45	1	1.3	96	53.8
22	16.48 - 16.50	47	7.05	43	43	1	1.3	91	51.35
23	16.51 - 16.53	38	5.7	41	41	0	0	79	46.7
24	16.53 - 16.55	31	4.65	28	28	0	0	59	32.65
25	16.55 - 16.57	45	6.75	38	38	0	0	83	44.75
26	16.58 - 17.00	37	5.55	41	41	0	0	78	46.55
27	17.00 - 17.02	41	6.15	42	42	2	2.6	85	50.75
28	17.02 - 17.04	59	8.85	51	51	1	1.3	111	61.15
29	17.05 - 17.07	58	8.7	48	48	1	1.3	107	58
30	17.07 - 17.09	35	5.25	35	35	0	0	70	40.25
31	17.09 - 17.11	27	4.05	32	32	0	0	59	36.05
32	17.11 - 17.13	46	6.9	44	44	2	2.6	92	53.5

33	17.14 - 17.15	27	4.05	33	33	0	0	60	37.05
34	17.16 - 17.18	36	5.4	35	35	0	0	71	40.4
35	17.18 - 17.20	43	6.45	37	37	0	0	80	43.45
36	17.21 - 17.23	52	7.8	41	41	1	1.3	94	50.1
37	17.23 - 17.25	48	7.2	46	46	1	1.3	95	54.5
38	17.25 - 17.28	40	6	42	42	0	0	82	48
39	17.28 - 17.30	57	8.55	47	47	0	0	104	55.55
40	17.30 - 17.32	31	4.65	33	33	0	0	64	37.65
41	17.33 - 17.35	25	3.75	30	30	0	0	55	33.75
42	17.35 - 17.37	28	4.2	29	29	1	1.3	58	34.5
43	17.37 - 17.39	33	4.95	35	35	1	1.3	69	41.25
44	17.40 - 17.42	34	5.1	41	41	0	0	75	46.1
45	17.42 - 17.44	32	4.8	37	37	0	0	69	41.8
46	17.44 - 17.45	50	7.5	35	35	1	1.3	86	43.8
47	17.46 - 17.48	41	6.15	40	40	1	1.3	82	47.45
48	17.49 - 17.51	38	5.7	28	28	0	0	66	33.7
49	17.51 - 17.53	35	5.25	33	33	0	0	68	38.25
50	17.53 - 17.55	38	5.7	41	41	1	1.3	80	48
51	17.56 - 17.58	30	4.5	35	35	0	0	65	39.5
52	17.58 - 18.00	27	4.05	30	30	0	0	57	34.05
TOTAL		2084	312.6	1911	1911	38	49.4	4033	2273

FORMULIR DATA VOLUME KENDARAAN

Surveyor : Rafenina A.N dan Sri Aliane

Tanggal : Minggu, 17 April 2022

Arah : Pendekat RSPI (Arah Lurus)

Cuaca : Cerah

Siklus	Waktu Pengamatan	Jumlah Kendaraan						TOTAL KEND	TOTAL SKR
		SM		KR		KB			
		Kend	skr	kend	skr	kend	skr		
1	07.01 - 07.03	17	2.55	14	14	0	0	31	16.55
2	07.04 - 07.06	21	3.15	17	17	1	1.3	39	21.45
3	07.07 - 07.10	5	0.75	4	4	0	0	9	4.75
4	07.11 - 07.13	10	1.5	6	6	0	0	16	7.5
5	07.14 - 07.16	12	1.8	8	8	1	1.3	21	11.1
6	07.17 - 07.19	14	2.1	10	10	1	1.3	25	13.4
7	07.20 - 07.23	15	2.25	14	14	1	1.3	30	17.55
8	07.24 - 07.26	8	1.2	5	5	0	0	13	6.2
9	07.27 - 07.30	12	1.8	7	7	1	1.3	20	10.1
10	07.31 - 07.33	16	2.4	12	12	1	1.3	29	15.7
11	07.34 - 07.37	14	2.1	15	15	1	1.3	30	18.4
12	07.38 - 07.40	9	1.35	4	4	0	0	13	5.35
13	07.41 - 07.43	10	1.5	7	7	1	1.3	18	9.8
14	07.44 - 07.46	14	2.1	10	10	0	0	24	12.1
15	07.47 - 07.50	21	3.15	13	13	0	0	34	16.15
16	07.51 - 07.53	15	2.25	5	5	0	0	20	7.25
17	07.54 - 07.57	14	2.1	8	8	0	0	22	10.1
18	07.57 - 08.00	17	2.55	9	9	1	1.3	27	12.85
19	08.01 - 08.04	12	1.8	7	7	0	0	19	8.8
20	08.05 - 08.07	19	2.85	13	13	1	1.3	33	17.15
21	08.08 - 08.10	15	2.25	8	8	0	0	23	10.25
22	08.11 - 08.14	18	2.7	13	13	1	1.3	32	17
23	08.15 - 08.17	13	1.95	8	8	0	0	21	9.95
24	08.18 - 08.21	22	3.3	15	15	1	1.3	38	19.6
25	08.21 - 08.24	17	2.55	12	12	0	0	29	14.55
26	08.25 - 08.28	14	2.1	10	10	0	0	24	12.1
27	08.29 - 08.31	20	3	15	15	0	0	35	18
28	08.32 - 08.34	23	3.45	16	16	1	1.3	40	20.75
29	08.35 - 08.38	22	3.3	17	17	0	0	39	20.3
30	08.39 - 08.41	27	4.05	19	19	1	1.3	47	24.35
31	08.42 - 08.45	21	3.15	17	17	0	0	38	20.15
32	08.46 - 08.48	19	2.85	15	15	1	1.3	35	19.15
33	08.49 - 08.52	17	2.55	13	13	1	1.3	31	16.85
34	08.53 - 08.55	15	2.25	11	11	1	1.3	27	14.55
35	08.56 - 08.58	10	1.5	6	6	0	0	16	7.5
36	08.59 - 09.01	13	1.95	5	5	0	0	18	6.95
TOTAL		561	84.15	388	388	17	22.1	966	494.25

FORMULIR DATA VOLUME KENDARAAN

Surveyor : Rafenina dan Sri Aliane
 Tanggal : Minggu, 17 April 2022
 Arah : Pendekat RSPI (Arah Lurus)
 Cuaca : Cerah

Siklus	Waktu Pengamatan	Jumlah Kendaraan						TOTAL KEND	TOTAL SKR
		SM		KR		KB			
		kend	skr	kend	skr	kend	skr		
1	11.02 - 11.04	25	3.75	18	18	1	1.3	44	23.05
2	11.04 - 11.06	30	4.5	24	24	0	0	54	28.5
3	11.07 - 11.08	32	4.8	28	28	2	2.6	62	35.4
4	11.09 - 11.10	23	3.45	12	12	0	0	35	15.45
5	11.11 - 11.12	28	4.2	19	19	1	1.3	48	24.5
6	11.13 - 11.14	20	3	11	11	0	0	31	14
7	11.14 - 11.15	15	2.25	8	8	0	0	23	10.25
8	11.16 - 11.17	21	3.15	13	13	0	0	34	16.15
9	11.18 - 11.19	18	2.7	8	8	0	0	26	10.7
10	11.20 - 11.21	22	3.3	12	12	0	0	34	15.3
11	11.22 - 11.23	25	3.75	15	15	1	1.3	41	20.05
12	11.24 - 11.25	13	1.95	7	7	0	0	20	8.95
13	11.25 - 11.26	11	1.65	6	6	0	0	17	7.65
14	11.27 - 11.28	22	3.3	10	10	0	0	32	13.3
15	11.29 - 11.30	25	3.75	16	16	0	0	41	19.75
16	11.31 - 11.32	19	2.85	12	12	0	0	31	14.85
17	11.33 - 11.34	25	3.75	17	17	1	1.3	43	22.05
18	11.34 - 11.36	23	3.45	13	13	0	0	36	16.45
19	11.37 - 11.38	19	2.85	12	12	0	0	31	14.85
20	11.38 - 11.39	18	2.7	19	19	1	1.3	38	23
21	11.40 - 11.41	22	3.3	12	12	0	0	34	15.3
22	11.42 - 11.43	26	3.9	18	18	0	0	44	21.9
23	11.44 - 11.45	21	3.15	14	14	0	0	35	17.15
24	11.46 - 11.47	25	3.75	16	16	0	0	41	19.75
25	11.48 - 11.49	15	2.25	13	13	0	0	28	15.25
26	11.50 - 11.51	20	3	18	18	1	1.3	39	22.3
27	11.52 - 11.53	18	2.7	12	12	0	0	30	14.7
28	11.54 - 11.55	30	4.5	22	22	2	2.6	54	29.1
29	11.56 - 11.57	18	2.7	14	14	0	0	32	16.7
30	11.57 - 11.58	23	3.45	17	17	0	0	40	20.45
31	11.59 - 12.00	27	4.05	19	19	1	1.3	47	24.35
32	12.01 - 12.02	26	3.9	15	15	0	0	41	18.9
33	12.03 - 12.04	23	3.45	12	12	0	0	35	15.45
34	12.05 - 12.06	26	3.9	14	14	1	1.3	41	19.2
35	12.07 - 12.08	18	2.7	9	9	0	0	27	11.7
36	12.09 - 12.10	25	3.75	16	16	1	1.3	42	21.05
37	12.11 - 12.12	14	2.1	13	13	0	0	27	15.1
38	12.13 - 12.14	10	1.5	14	14	0	0	24	15.5
39	12.15 - 12.16	9	1.35	8	8	0	0	17	9.35
40	12.17 - 12.18	19	2.85	11	11	0	0	30	13.85
41	12.19 - 12.20	27	4.05	24	24	2	2.6	53	30.65
42	12.21 - 12.22	20	3	17	17	1	1.3	38	21.3
43	12.23 - 12.24	18	2.7	16	16	0	0	34	18.7
44	12.24 - 12.25	24	3.6	18	18	0	0	42	21.6

Siklus	Waktu Pengamatan	Jumlah Kendaraan						TOTAL KEND	TOTAL SKR
		SM		KR		KB			
		kend	skr	kend	skr	kend	skr		
45	12.26 - 12.27	22	3.3	17	17	1	1.3	40	21.6
46	12.28 - 12.30	16	2.4	14	14	0	0	30	16.4
47	12.31 - 12.32	17	2.55	15	15	0	0	32	17.55
48	12.32 - 12.34	26	3.9	20	20	1	1.3	47	25.2
49	12.34 - 12.35	25	3.75	18	18	0	0	43	21.75
50	12.36 - 12.37	20	3	11	11	0	0	31	14
51	12.38 - 12.39	13	1.95	10	10	0	0	23	11.95
52	12.40 - 12.41	25	3.75	32	32	1	1.3	58	37.05
53	12.41 - 12.43	30	4.5	18	18	0	0	48	22.5
54	12.43 - 12.45	25	3.75	16	16	0	0	41	19.75
55	12.46 - 12.47	21	3.15	13	13	0	0	34	16.15
56	12.48 - 12.49	28	4.2	35	35	1	1.3	64	40.5
57	12.50 - 12.51	22	3.3	12	12	0	0	34	15.3
58	12.52 - 12.53	23	3.45	21	21	1	1.3	45	25.75
59	12.54 - 12.55	20	3	17	17	0	0	37	20
60	12.56 - 12.58	17	2.55	15	15	0	0	32	17.55
61	12.59 - 13.00	15	2.25	10	10	0	0	25	12.25
TOTAL		1303	195.45	936	936	21	27.3	2260	1158.75

FORMULIR DATA VOLUME KENDARAAN

Surveyor : Rafenina dan Sri Aliane
 Tanggal : Minggu, 17 April 2022
 Arah : Pendekat RSPI (Arah Lurus)
 Cuaca : Cerah

Siklus	Waktu Pengamatan	Jumlah Kendaraan						TOTAL KEND	TOTAL SKR
		SM		KR		KB			
		Kend	skr	kend	skr	kend	skr		
1	16.01 - 16.02	40	6	23	23	1	1.3	64	30.3
2	16.03 - 16.04	37	5.55	21	21	0	0	58	26.55
3	16.05 - 16.06	35	5.25	18	18	0	0	53	23.25
4	16.07 - 16.08	32	4.8	20	20	0	0	52	24.8
5	16.09 - 16.10	44	6.6	25	25	1	1.3	70	32.9
6	16.11 - 16.13	28	4.2	18	18	0	0	46	22.2
7	16.13 - 16.15	25	3.75	15	15	0	0	40	18.75
8	16.15 - 16.17	39	5.85	22	22	1	1.3	62	29.15
9	16.18 - 16.20	42	6.3	23	23	0	0	65	29.3
10	16.20 - 16.22	50	7.5	31	31	2	2.6	83	41.1
11	16.22 - 16.24	17	2.55	17	17	0	0	34	19.55
12	16.25 - 16.27	45	6.75	25	25	0	0	70	31.75
13	16.27 - 16.29	45	6.75	27	27	0	0	72	33.75
14	16.30 - 16.31	47	7.05	29	29	1	1.3	77	37.35
15	16.32 - 16.34	55	8.25	32	32	2	2.6	89	42.85
16	16.34 - 16.36	50	7.5	30	30	0	0	80	37.5
17	16.37 - 16.39	48	7.2	27	27	1	1.3	76	35.5
18	16.39 - 16.41	44	6.6	25	25	0	0	69	31.6
19	16.42 - 16.44	50	7.5	30	30	1	1.3	81	38.8
20	16.44 - 16.46	53	7.95	31	31	0	0	84	38.95
21	16.46 - 16.48	58	8.7	33	33	1	1.3	92	43
22	16.48 - 16.50	52	7.8	28	28	0	0	80	35.8
23	16.51 - 16.53	48	7.2	27	27	0	0	75	34.2
24	16.53 - 16.55	50	7.5	28	28	0	0	78	35.5
25	16.55 - 16.57	61	9.15	34	34	0	0	95	43.15
26	16.58 - 17.00	53	7.95	31	31	1	1.3	85	40.25
27	17.00 - 17.02	58	8.7	32	32	0	0	90	40.7
28	17.02 - 17.04	55	8.25	29	29	0	0	84	37.25
29	17.05 - 17.07	52	7.8	26	26	0	0	78	33.8
30	17.07 - 17.09	58	8.7	35	35	0	0	93	43.7
31	17.09 - 17.11	54	8.1	29	29	1	1.3	84	38.4
32	17.11 - 17.13	51	7.65	26	26	1	1.3	78	34.95
33	17.14 - 17.16	55	8.25	28	28	1	1.3	84	37.55
34	17.16 - 17.18	45	6.75	24	24	0	0	69	30.75
35	17.18 - 17.20	50	7.5	25	25	0	0	75	32.5
36	17.21 - 17.23	40	6	22	22	0	0	62	28
37	17.23 - 17.25	57	8.55	37	37	0	0	94	45.55
38	17.25 - 17.28	50	7.5	32	32	0	0	82	39.5
39	17.28 - 17.30	45	6.75	29	29	0	0	74	35.75
40	17.30 - 17.32	48	7.2	32	32	1	1.3	81	40.5
41	17.33 - 17.35	41	6.15	34	34	0	0	75	40.15
42	17.35 - 17.37	35	5.25	23	23	0	0	58	28.25
43	17.37 - 17.39	38	5.7	25	25	0	0	63	30.7
44	17.40 - 17.42	24	3.6	16	16	0	0	40	19.6

Siklus	Waktu Pengamatan	Jumlah Kendaraan						TOTAL KEND	TOTAL SKR
		SM		KR		KB			
		Kend	skr	kend	skr	kend	skr		
45	17.42 - 17.44	25	3.75	14	14	0	0	39	17.75
46	17.44 - 17.46	37	5.55	21	21	1	1.3	59	27.85
47	17.46 - 17.48	27	4.05	18	18	0	0	45	22.05
48	17.49 - 17.51	52	7.8	30	30	1	1.3	83	39.1
49	17.51 - 17.53	40	6	22	22	0	0	62	28
50	17.53 - 17.55	25	3.75	17	17	0	0	42	20.75
51	17.56 - 17.58	32	4.8	20	20	0	0	52	24.8
52	17.58 - 18.00	30	4.5	18	18	0	0	48	22.5
TOTAL		2272	340.8	1334	1334	18	23.4	3624	1698.2

FORMULIR DATA VOLUME KENDARAAN

Surveyor : Lutfi dan Joseph
 Tanggal : Rabu, 20 April 2022
 Arah : Pendekat RSPI (Arah Lurus)
 Cuaca : Cerah

Siklus	Waktu Pengamatan	Jumlah Kendaraan						TOTAL KEND	TOTAL SKR
		SM		KR		KB			
		Kend	skr	kend	skr	kend	skr		
1	07.01 - 07.03	25	3.75	28	28	2	2.6	55	34.35
2	07.04 - 07.06	10	1.5	32	32	3	3.9	45	37.4
3	07.07 - 07.10	22	3.3	30	30	1	1.3	53	34.6
4	07.11 - 07.13	28	4.2	32	32	0	0	60	36.2
5	07.14 - 07.16	25	3.75	32	32	1	1.3	58	37.05
6	07.17 - 07.19	15	2.25	25	25	1	1.3	41	28.55
7	07.20 - 07.23	35	5.25	23	23	1	1.3	59	29.55
8	07.24 - 07.26	30	4.5	20	20	0	0	50	24.5
9	07.27 - 07.30	40	6	35	35	1	1.3	76	42.3
10	07.31 - 07.33	27	4.05	30	30	0	0	57	34.05
11	07.34 - 07.37	27	4.05	20	20	0	0	47	24.05
12	07.38 - 07.40	28	4.2	27	27	1	1.3	56	32.5
13	07.41 - 07.43	30	4.5	38	38	2	2.6	70	45.1
14	07.44 - 07.46	33	4.95	26	26	1	1.3	60	32.25
15	07.47 - 07.50	35	5.25	21	21	0	0	56	26.25
16	07.51 - 07.53	35	5.25	23	23	0	0	58	28.25
17	07.54 - 07.57	31	4.65	21	21	0	0	52	25.65
18	07.57 - 08.00	45	6.75	21	21	1	1.3	67	29.05
19	08.01 - 08.04	24	3.6	34	34	2	2.6	60	40.2
20	08.05 - 08.07	33	4.95	22	22	0	0	55	26.95
21	08.08 - 08.10	35	5.25	28	28	0	0	63	33.25
22	08.11 - 08.14	28	4.2	35	35	0	0	63	39.2
23	08.14 - 08.17	28	4.2	30	30	2	2.6	60	36.8
24	08.18 - 08.21	29	4.35	20	20	0	0	49	24.35
25	08.21 - 08.24	25	3.75	30	30	0	0	55	33.75
26	08.25 - 08.28	25	3.75	25	25	1	1.3	51	30.05
27	08.29 - 08.31	24	3.6	22	22	2	2.6	48	28.2
28	08.32 - 08.34	33	4.95	30	30	1	1.3	64	36.25
29	08.35 - 08.38	39	5.85	32	32	1	1.3	72	39.15
30	08.39 - 08.41	36	5.4	41	41	2	2.6	79	49
31	08.42 - 08.45	30	4.5	25	25	0	0	55	29.5
32	08.46 - 08.48	18	2.7	26	26	0	0	44	28.7
33	08.49 - 08.52	22	3.3	37	37	3	3.9	62	44.2
34	08.53 - 08.55	31	4.65	28	28	1	1.3	60	33.95
35	08.56 - 08.58	15	2.25	25	25	1	1.3	41	28.55
36	08.59 - 09.01	17	2.55	22	22	0	0	39	24.55
TOTAL		1013	151.95	996	996	31	40.3	2040	1188.25

FORMULIR DATA VOLUME KENDARAAN

Surveyor : Lutfi dan Joseph
 Tanggal : Rabu, 20 April 2022
 Arah : Pendekat RSPI (Arah Lurus)
 Cuaca : Cerah

Siklus	Waktu Pengamatan	Jumlah Kendaraan						TOTAL KEND	TOTAL SKR
		SM		KR		KB			
		Kend	skr	kend	skr	kend	skr		
1	11.02 - 11.04	20	3	13	13	0	0	33	16
2	11.04 - 11.06	18	2.7	15	15	1	1.3	34	19
3	11.06 - 11.07	27	4.05	15	15	0	0	42	19.05
4	11.08 - 11.09	25	3.75	18	18	1	1.3	44	23.05
5	11.10 - 11.11	20	3	16	16	0	0	36	19
6	11.12 - 11.13	19	2.85	19	19	0	0	38	21.85
7	11.14 - 11.15	17	2.55	24	24	1	1.3	42	27.85
8	11.16 - 11.17	25	3.75	17	17	1	1.3	43	22.05
9	11.18 - 11.19	13	1.95	27	27	2	2.6	42	31.55
10	11.20 - 11.21	15	2.25	19	19	0	0	34	21.25
11	11.21 - 11.23	9	1.35	21	21	1	1.3	31	23.65
12	11.23 - 11.25	14	2.1	13	13	0	0	27	15.1
13	11.25 - 11.26	18	2.7	19	19	0	0	37	21.7
14	11.27 - 11.28	20	3	25	25	1	1.3	46	29.3
15	11.29 - 11.30	16	2.4	17	17	0	0	33	19.4
16	11.31 - 11.32	19	2.85	20	20	1	1.3	40	24.15
17	11.33 - 11.34	22	3.3	16	16	1	1.3	39	20.6
18	11.35 - 11.36	20	3	15	15	1	1.3	36	19.3
19	11.36 - 11.38	13	1.95	14	14	1	1.3	28	17.25
20	11.39 - 11.40	20	3	19	19	0	0	39	22
21	11.31 - 11.42	15	2.25	15	15	0	0	30	17.25
22	11.43 - 11.44	14	2.1	11	11	0	0	25	13.1
23	11.45 - 11.46	14	2.1	16	16	1	1.3	31	19.4
24	11.46 - 11.47	11	1.65	19	19	0	0	30	20.65
25	11.48 - 11.50	23	3.45	14	14	1	1.3	38	18.75
26	11.50 - 11.51	13	1.95	13	13	2	2.6	28	17.55
27	11.52 - 11.53	12	1.8	21	21	0	0	33	22.8
28	11.54 - 11.55	12	1.8	20	20	1	1.3	33	23.1
29	11.56 - 11.57	10	1.5	16	16	0	0	26	17.5
30	11.58 - 11.59	16	2.4	17	17	1	1.3	34	20.7
31	12.00 - 12.01	27	4.05	29	29	2	2.6	58	35.65
32	12.01 - 12.03	25	3.75	21	21	1	1.3	47	26.05
33	12.04 - 12.05	13	1.95	26	26	1	1.3	40	29.25
34	12.05 - 12.07	11	1.65	23	23	0	0	34	24.65

Siklus	Waktu Pengamatan	Jumlah Kendaraan							
		SM		KR		KB		TOTAL KEND	TOTAL SKR
		Kend	skr	kend	skr	kend	skr		
35	12.07 - 12.09	11	1.65	22	22	0	0	33	23.65
36	12.09 - 12.10	14	2.1	14	14	0	0	28	16.1
37	12.11 - 12.13	5	0.75	17	17	0	0	22	17.75
38	12.13 - 12.14	10	1.5	21	21	1	1.3	32	23.8
39	12.15 - 12.16	15	2.25	16	16	2	2.6	33	20.85
40	12.17 - 12.18	12	1.8	17	17	1	1.3	30	20.1
41	12.19 - 12.20	20	3	24	24	0	0	44	27
42	12.21 - 12.22	18	2.7	18	18	0	0	36	20.7
43	12.23 - 12.24	15	2.25	13	13	1	1.3	29	16.55
44	12.24 - 12.26	10	1.5	13	13	0	0	23	14.5
45	12.26 - 12.28	13	1.95	16	16	0	0	29	17.95
46	12.28 - 12.30	12	1.8	19	19	1	1.3	32	22.1
47	12.30 - 12.32	20	3	15	15	1	1.3	36	19.3
48	12.32 - 12.34	7	1.05	26	26	0	0	33	27.05
49	12.34 - 12.35	12	1.8	18	18	0	0	30	19.8
50	12.36 - 12.37	14	2.1	12	12	1	1.3	27	15.4
51	12.38 - 12.39	26	3.9	15	15	0	0	41	18.9
52	12.40 - 12.41	12	1.8	16	16	1	1.3	29	19.1
53	12.41 - 12.43	10	1.5	8	8	0	0	18	9.5
54	12.43 - 12.45	6	0.9	17	17	0	0	23	17.9
55	12.45 - 12.47	15	2.25	11	11	1	1.3	27	14.55
56	12.47 - 12.49	10	1.5	15	15	2	2.6	27	19.1
57	12.49 - 12.51	8	1.2	13	13	1	1.3	22	15.5
58	12.51 - 12.52	11	1.65	30	30	0	0	41	31.65
59	12.53 - 12.55	9	1.35	21	21	1	1.3	31	23.65
60	12.57 - 12.58	15	2.25	23	23	0	0	38	25.25
61	12.59 - 13.00	16	2.4	19	19	1	1.3	36	22.7
TOTAL		932	139.8	1092	1092	37	48.1	1264	1279.9

FORMULIR DATA VOLUME KENDARAAN

Surveyor : Lutfi dan Joseph
 Tanggal : Rabu, 20 April 2022
 Arah : Pendekat RSPI (Arah Lurus)
 Cuaca : Cerah

Siklus	Waktu Pengamatan	Jumlah Kendaraan						TOTAL KEND	TOTAL SKR
		SM		KR		KB			
		jumlah	skr	jumlah	skr	jumlah	skr		
1	16.01 - 16.02	28	4.2	27	27	1	1.3	56	32.5
2	16.03 - 16.04	35	5.25	35	35	1	1.3	71	41.55
3	16.05 - 16.06	32	4.8	32	32	0	0	64	36.8
4	16.07 - 16.08	30	4.5	26	26	1	1.3	57	31.8
5	16.09 - 16.10	33	4.95	36	36	0	0	69	40.95
6	16.11 - 16.13	48	7.2	45	45	1	1.3	94	53.5
7	16.13 - 16.14	30	4.5	33	33	1	1.3	64	38.8
8	16.15 - 16.17	52	7.8	36	36	0	0	88	43.8
9	16.18 - 16.20	41	6.15	35	35	1	1.3	77	42.45
10	16.21 - 16.22	54	8.1	28	28	1	1.3	83	37.4
11	16.23 - 16.24	37	5.55	40	40	1	1.3	78	46.85
12	16.25 - 16.27	41	6.15	37	37	0	0	78	43.15
13	16.28 - 16.29	36	5.4	49	49	2	2.6	87	57
14	16.30 - 16.31	40	6	46	46	0	0	86	52
15	16.32 - 16.34	58	8.7	62	62	2	2.6	122	73.3
16	16.34 - 16.36	50	7.5	51	51	1	1.3	102	59.8
17	16.37 - 16.39	38	5.7	36	36	0	0	74	41.7
18	16.39 - 16.41	30	4.5	32	32	0	0	62	36.5
19	16.42 - 16.44	41	6.15	51	51	1	1.3	93	58.45
20	16.44 - 16.46	45	6.75	61	61	0	0	106	67.75
21	16.46 - 16.48	35	5.25	46	46	1	1.3	82	52.55
22	16.48 - 16.50	37	5.55	61	61	1	1.3	99	67.85
23	16.51 - 16.53	58	8.7	45	45	1	1.3	104	55
24	16.53 - 16.55	60	9	49	49	1	1.3	110	59.3
25	16.55 - 16.57	55	8.25	51	51	2	2.6	108	61.85
26	16.58 - 17.00	48	7.2	50	50	2	2.6	100	59.8
27	17.00 - 17.02	47	7.05	38	38	0	0	85	45.05
28	17.02 - 17.04	35	5.25	54	54	1	1.3	90	60.55
29	17.05 - 17.07	37	5.55	57	57	0	0	94	62.55
30	17.07 - 17.09	63	9.45	50	50	1	1.3	114	60.75
31	17.09 - 17.11	49	7.35	51	51	1	1.3	101	59.65
32	17.11 - 17.13	50	7.5	45	45	2	2.6	97	55.1

Siklus	Waktu Pengamatan	Jumlah Kendaraan						TOTAL KEND	TOTAL SKR
		SM		KR		KB			
		jumlah	skr	jumlah	skr	jumlah	skr		
33	17.14 - 17.15	46	6.9	53	53	2	2.6	101	62.5
34	17.16 - 17.18	50	7.5	59	59	1	1.3	110	67.8
35	17.18 - 17.20	66	9.9	48	48	1	1.3	115	59.2
36	17.21 - 17.23	60	9	57	57	2	2.6	119	68.6
37	17.23 - 17.25	45	6.75	39	39	1	1.3	85	47.05
38	17.25 - 17.28	39	5.85	30	30	0	0	69	35.85
39	17.28 - 17.30	51	7.65	51	51	3	3.9	105	62.55
40	17.30 - 17.32	38	5.7	48	48	0	0	86	53.7
41	17.33 - 17.35	50	7.5	47	47	2	2.6	99	57.1
42	17.35 - 17.37	53	7.95	27	27	0	0	80	34.95
43	17.37 - 17.39	40	6	35	35	2	2.6	77	43.6
44	17.40 - 17.42	50	7.5	42	42	0	0	92	49.5
45	17.42 - 17.44	33	4.95	17	17	1	1.3	51	23.25
46	17.44 - 17.45	26	3.9	30	30	0	0	56	33.9
47	17.46 - 17.48	35	5.25	31	31	1	1.3	67	37.55
48	17.49 - 17.51	40	6	27	27	0	0	67	33
49	17.51 - 17.53	50	7.5	43	43	3	3.9	96	54.4
50	17.53 - 17.55	38	5.7	28	28	1	1.3	67	35
51	17.56 - 17.58	17	2.55	18	18	0	0	35	20.55
52	17.58 - 18.00	33	4.95	20	20	1	1.3	54	26.25
TOTAL		2233	334.95	2145	2145	48	62.4	4426	2542.35

FORMULIR DATA VOLUME KENDARAAN

Surveyor : Aan F. Rumi dan Revinda Ika
 Tanggal : Selasa, 12 April 2022
 Arah : Pendekat Funtastico (Arah Belok Kanan)
 Cuaca : Cerah

Siklus	Waktu Pengamatan	Jumlah Kendaraan						TOTAL KEND	TOTAL SKR
		SM		KR		KB			
		Kend	skr	kend	skr	kend	skr		
1	07.02 - 07.05	7	1.05	16	16	0	0	23	17.05
2	07.05 - 07.07	6	0.9	16	16	0	0	22	16.9
3	07.09 - 07.11	6	0.9	16	16	0	0	22	16.9
4	07.12 - 07.15	12	1.8	24	24	0	0	36	25.8
5	07.16 - 07.18	1	0.15	20	20	1	1.3	22	21.45
6	07.19 - 07.22	4	0.6	20	20	1	1.3	25	21.9
7	07.23 - 07.25	2	0.3	30	30	1	1.3	33	31.6
8	07.26 - 07.29	9	1.35	39	39	1	1.3	49	41.65
9	07.30 - 07.32	2	0.3	36	36	4	5.2	42	41.5
10	07.33 - 07.35	6	0.9	39	39	1	1.3	46	41.2
11	07.36 - 07.40	4	0.6	28	28	1	1.3	33	29.9
12	07.40 - 07.43	5	0.75	37	37	2	2.6	44	40.35
13	07.43 - 07.46	9	1.35	23	23	1	1.3	33	25.65
14	07.46 - 07.49	10	1.5	29	29	1	1.3	40	31.8
15	07.50 - 07.53	10	1.5	28	28	0	0	38	29.5
16	07.53 - 07.56	15	2.25	13	13	0	0	28	15.25
17	07.57 - 07.59	4	0.6	18	18	2	2.6	24	21.2
18	08.00 - 08.03	9	1.35	26	26	0	0	35	27.35
19	08.04 - 08.06	7	1.05	9	9	0	0	16	10.05
20	08.07 - 08.09	9	1.35	16	16	0	0	25	17.35
21	08.10 - 08.13	5	0.75	17	17	0	0	22	17.75
22	08.14 - 08.16	7	1.05	11	11	0	0	18	12.05
23	08.18 - 08.20	6	0.9	15	15	0	0	21	15.9
24	08.21 - 08.23	8	1.2	20	20	3	3.9	31	25.1
25	08.24 - 08.26	5	0.75	10	10	0	0	15	10.75
26	08.27 - 08.30	12	1.8	20	20	0	0	32	21.8
27	08.31 - 08.33	8	1.2	11	11	1	1.3	20	13.5
28	08.34 - 08.37	16	2.4	12	12	1	1.3	29	15.7
29	08.38 - 08.40	6	0.9	22	22	2	2.6	30	25.5
30	08.41 - 08.43	9	1.35	11	11	0	0	20	12.35
31	08.44 - 08.47	11	1.65	17	17	1	1.3	29	19.95
32	08.48 - 08.50	8	1.2	20	20	1	1.3	29	22.5
33	08.52 - 08.54	19	2.85	17	17	1	1.3	37	21.15
34	08.55 - 08.57	8	1.2	14	14	0	0	22	15.2
35	08.58 - 09.00	11	1.65	10	10	0	0	21	11.65
TOTAL		276	41.4	710	710	26	33.8	1012	785.2

FORMULIR DATA VOLUME KENDARAAN

Surveyor : Aan F. Rumi dan Revinda Ika
 Tanggal : Selasa, 12 April 2022
 Arah : Pendekat Funtastico (Arah Belok Kanan)
 Cuaca : Cerah

Siklus	Waktu Pengamatan	Jumlah Kendaraan						TOTAL KEND	TOTAL SKR
		SM		KR		KB			
		Kend	skr	kend	skr	kend	skr		
1	11.02 - 11.03	7	1.05	6	6	0	0	13	7.05
2	11.04 - 11.05	10	1.5	7	7	0	0	17	8.5
3	11.06 - 11.07	11	1.65	7	7	0	0	18	8.65
4	11.08 - 11.09	10	1.5	5	5	0	0	15	6.5
5	11.10 - 11.11	10	1.5	7	7	1	1.3	18	9.8
6	11.12 - 11.13	6	0.9	8	8	2	2.6	16	11.5
7	11.14 - 11.15	6	0.9	11	11	1	1.3	18	13.2
8	11.16 - 11.17	7	1.05	13	13	1	1.3	21	15.35
9	11.17 - 11.18	5	0.75	11	11	0	0	16	11.75
10	11.19 - 11.20	2	0.3	16	16	0	0	18	16.3
11	11.21 - 11.22	4	0.6	18	18	0	0	22	18.6
12	11.23 - 11.24	4	0.6	20	20	0	0	24	20.6
13	11.25 - 11.26	4	0.6	19	19	0	0	23	19.6
14	11.27 - 11.28	11	1.65	10	10	0	0	21	11.65
15	11.29 - 11.30	10	1.5	11	11	2	2.6	23	15.1
16	11.31 - 11.32	4	0.6	17	17	0	0	21	17.6
17	11.33 - 11.34	1	0.15	9	9	1	1.3	11	10.45
18	11.35 - 11.36	9	1.35	10	10	0	0	19	11.35
19	11.37 - 11.38	9	1.35	8	8	0	0	17	9.35
20	11.39 - 11.40	4	0.6	10	10	2	2.6	16	13.2
21	11.41 - 11.42	5	0.75	11	11	0	0	16	11.75
22	11.43 - 11.44	2	0.3	14	14	1	1.3	17	15.6
23	11.44 - 11.45	2	0.3	10	10	1	1.3	13	11.6
24	11.46 - 11.47	7	1.05	7	7	2	2.6	16	10.65
25	11.48 - 11.49	1	0.15	11	11	0	0	12	11.15
26	11.50 - 11.51	7	1.05	19	19	0	0	26	20.05
27	11.52 - 11.53	12	1.8	11	11	0	0	23	12.8
28	11.54 - 11.55	10	1.5	19	19	0	0	29	20.5
29	11.56 - 11.57	2	0.3	13	13	0	0	15	13.3
30	11.58 - 11.59	5	0.75	11	11	0	0	16	11.75
31	12.00 - 12.01	6	0.9	12	12	0	0	18	12.9
32	12.02 - 12.03	0	0	19	19	1	1.3	20	20.3
33	12.04 - 12.05	2	0.3	22	22	1	1.3	25	23.6

Siklus	Waktu Pengamatan	Jumlah Kendaraan						TOTAL KEND	TOTAL SKR
		SM		KR		KB			
		Kend	skr	kend	skr	kend	skr		
34	12.05 - 12.06	5	0.75	21	21	0	0	26	21.75
35	12.07 - 12.08	5	0.75	17	17	0	0	22	17.75
36	12.09 - 12.10	4	0.6	16	16	0	0	20	16.6
37	12.11 - 12.12	3	0.45	16	16	0	0	19	16.45
38	12.13 - 12.14	8	1.2	11	11	0	0	19	12.2
39	12.15 - 12.16	6	0.9	13	13	0	0	19	13.9
40	12.17 - 12.18	7	1.05	15	15	0	0	22	16.05
41	12.19 - 12.20	7	1.05	12	12	0	0	19	13.05
42	12.21 - 12.22	2	0.3	17	17	0	0	19	17.3
43	12.23 - 12.24	3	0.45	21	21	0	0	24	21.45
44	12.25 - 12.26	8	1.2	15	15	0	0	23	16.2
45	12.27 - 12.28	3	0.45	17	17	0	0	20	17.45
46	12.28 - 12.29	5	0.75	18	18	1	1.3	24	20.05
47	12.30 - 12.31	1	0.15	14	14	0	0	15	14.15
48	12.32 - 12.33	4	0.6	10	10	1	1.3	15	11.9
49	12.34 - 12.35	6	0.9	12	12	0	0	18	12.9
50	12.36 - 12.37	6	0.9	13	13	1	1.3	20	15.2
51	12.38 - 12.39	3	0.45	17	17	0	0	20	17.45
52	12.40 - 12.41	12	1.8	18	18	0	0	30	19.8
53	12.42 - 12.43	4	0.6	12	12	0	0	16	12.6
54	12.44 - 12.45	10	1.5	16	16	0	0	26	17.5
55	12.46 - 12.47	6	0.9	20	20	0	0	26	20.9
56	12.48 - 12.49	11	1.65	19	19	0	0	30	20.65
57	12.50 - 12.51	5	0.75	10	10	0	0	15	10.75
58	12.51 - 12.52	5	0.75	9	9	0	0	14	9.75
59	12.53 - 12.54	3	0.45	15	15	0	0	18	15.45
60	12.55 - 12.56	4	0.6	6	6	0	0	10	6.6
61	12.57 - 12.58	3	0.45	4	4	1	1.3	8	5.75
62	12.59 - 13.00	14	2.1	9	9	0	0	23	11.1
TOTAL		358	53.7	815	815	20	26	1193	894.7

FORMULIR DATA VOLUME KENDARAAN

Surveyor : Aan F. Rumi dan Revinda Ika
 Tanggal : Selasa, 12 April 2022
 Arah : Pendekat Funtastico (Arah Belok Kanan)
 Cuaca : Cerah

Siklus	Waktu Pengamatan	Jumlah Kendaraan						TOTAL KEND	TOTAL SKR
		SM		KR		KB			
		Kend	skr	kend	skr	kend	skr		
1	16.00 - 16.02	10	1.5	7	7	0	0	17	8.5
2	16.04 - 16.06	12	1.8	13	13	1	1.3	26	16.1
3	16.06 - 16.08	13	1.95	17	17	0	0	30	18.95
4	16.08 - 16.10	6	0.9	11	11	0	0	17	11.9
5	16.10 - 16.12	5	0.75	11	11	1	1.3	17	13.05
6	16.12 - 16.14	3	0.45	17	17	0	0	20	17.45
7	16.15 - 16.16	10	1.5	19	19	0	0	29	20.5
8	16.17 - 16.19	3	0.45	18	18	0	0	21	18.45
9	16.19 - 16.21	4	0.6	12	12	0	0	16	12.6
10	16.22 - 16.23	6	0.9	18	18	0	0	24	18.9
11	16.24 - 16.25	12	1.8	12	12	0	0	24	13.8
12	16.26 - 16.28	3	0.45	10	10	0	0	13	10.45
13	16.29 - 16.30	11	1.65	12	12	0	0	23	13.65
14	16.31 - 16.32	5	0.75	13	13	0	0	18	13.75
15	16.33 - 16.34	7	1.05	15	15	1	1.3	23	17.35
16	16.35 - 16.37	5	0.75	21	21	2	2.6	28	24.35
17	16.38 - 16.40	12	1.8	20	20	0	0	32	21.8
18	16.41 - 16.42	15	2.25	13	13	0	0	28	15.25
19	16.43 - 16.44	11	1.65	17	17	0	0	28	18.65
20	16.45 - 16.47	5	0.75	21	21	1	1.3	27	23.05
21	16.47 - 16.49	8	1.2	15	15	0	0	23	16.2
22	16.50 - 16.51	10	1.5	18	18	0	0	28	19.5
23	16.52 - 16.54	10	1.5	23	23	2	2.6	35	27.1
24	16.54 - 16.56	17	2.55	25	25	1	1.3	43	28.85
25	16.57 - 16.58	11	1.65	15	15	1	1.3	27	17.95
26	16.59 - 17.01	17	2.55	18	18	0	0	35	20.55
27	17.02 - 17.03	10	1.5	18	18	0	0	28	19.5
28	17.04 - 17.05	5	0.75	15	15	1	1.3	21	17.05
29	17.06 - 17.08	13	1.95	19	19	1	1.3	33	22.25
30	17.08 - 17.10	11	1.65	15	15	0	0	26	16.65
31	17.11 - 17.12	13	1.95	21	21	0	0	34	22.95
32	17.13 - 17.15	11	1.65	15	15	0	0	26	16.65
33	17.16 - 17.17	16	2.4	20	20	0	0	36	22.4

Siklus	Waktu Pengamatan	Jumlah Kendaraan						TOTAL KEND	TOTAL SKR
		SM		KR		KB			
		Kend	skr	kend	skr	kend	skr		
34	17.18 - 17.19	10	1.5	28	28	0	0	38	29.5
35	17.20 - 17.21	8	1.2	15	15	0	0	23	16.2
36	17.22 - 17.24	15	2.25	21	21	0	0	36	23.25
37	17.25 - 17.26	20	3	20	20	0	0	40	23
38	17.27 - 17.29	14	2.1	25	25	0	0	39	27.1
39	17.30 - 17.31	15	2.25	13	13	0	0	28	15.25
40	17.32 - 17.33	13	1.95	9	9	0	0	22	10.95
41	17.34 - 17.35	17	2.55	16	16	0	0	33	18.55
42	17.36 - 17.38	19	2.85	17	17	1	1.3	37	21.15
43	17.38 - 17.40	11	1.65	15	15	0	0	26	16.65
44	17.41 - 17.42	10	1.5	20	20	0	0	30	21.5
45	17.43 - 17.45	12	1.8	18	18	0	0	30	19.8
46	17.46 - 17.47	6	0.9	15	15	0	0	21	15.9
47	17.48 - 17.49	7	1.05	13	13	1	1.3	21	15.35
48	17.50 - 17.51	5	0.75	10	10	0	0	15	10.75
49	17.52 - 17.54	7	1.05	15	15	1	1.3	23	17.35
50	17.55 - 17.56	8	1.2	19	19	0	0	27	20.2
51	17.57 - 17.58	5	0.75	14	14	0	0	19	14.75
52	17.59 - 18.00	8	1.2	17	17	0	0	25	18.2
TOTAL		520	78	854	854	15	19.5	1389	951.5

FORMULIR DATA VOLUME KENDARAAN

Surveyor : Octavia Nolan & Revinda Ika
 Tanggal : Minggu, 17 April 2022
 Arah : Pendekat Funtastico (Arah Belok Kanan)
 Cuaca : Cerah

Siklus	Waktu Pengamatan	Jumlah Kendaraan						TOTAL KEND	TOTAL SKR
		SM		KR		KB			
		Kend	skr	kend	skr	kend	skr		
1	07.02 - 07.05	5	0.75	4	4	0	0	9	4.75
2	07.05 - 07.07	4	0.6	5	5	0	0	9	5.6
3	07.09 - 07.11	11	1.65	7	7	1	1.3	19	9.95
4	07.12 - 07.15	7	1.05	6	6	0	0	13	7.05
5	07.16 - 07.18	3	0.45	3	3	0	0	6	3.45
6	07.19 - 07.22	5	0.75	5	5	1	1.3	11	7.05
7	07.23 - 07.25	7	1.05	8	8	1	1.3	16	10.35
8	07.26 - 07.29	6	0.9	6	6	1	1.3	13	8.2
9	07.30 - 07.32	3	0.45	4	4	0	0	7	4.45
10	07.33 - 07.35	10	1.5	7	7	2	2.6	19	11.1
11	07.36 - 07.40	3	0.45	5	5	0	0	8	5.45
12	07.41 - 07.43	5	0.75	6	6	0	0	11	6.75
13	07.44 - 07.46	8	1.2	8	8	0	0	16	9.2
14	07.47 - 07.49	11	1.65	15	15	1	1.3	27	17.95
15	07.50 - 07.53	3	0.45	7	7	0	0	10	7.45
16	07.54 - 07.56	10	1.5	8	8	0	0	18	9.5
17	07.57 - 07.59	6	0.9	5	5	0	0	11	5.9
18	08.00 - 08.03	8	1.2	7	7	0	0	15	8.2
19	08.04 - 08.06	5	0.75	6	6	0	0	11	6.75
20	08.07 - 08.09	9	1.35	8	8	0	0	17	9.35
21	08.10 - 08.13	12	1.8	7	7	0	0	19	8.8
22	08.14 - 08.16	16	2.4	10	10	1	1.3	27	13.7
23	08.18 - 08.20	9	1.35	8	8	0	0	17	9.35
24	08.21 - 08.23	13	1.95	12	12	1	1.3	26	15.25
25	08.24 - 08.26	7	1.05	6	6	0	0	13	7.05
26	08.27 - 08.30	12	1.8	7	7	1	1.3	20	10.1
27	08.31 - 08.33	11	1.65	10	10	2	2.6	23	14.25
28	08.34 - 08.37	10	1.5	8	8	0	0	18	9.5
29	08.38 - 08.40	8	1.2	7	7	0	0	15	8.2
30	08.41 - 08.43	11	1.65	10	10	0	0	21	11.65
31	08.44 - 08.47	23	3.45	15	15	0	0	38	18.45
32	08.48 - 08.50	12	1.8	12	12	1	1.3	25	15.1
33	08.52 - 08.54	13	1.95	8	8	0	0	21	9.95
34	08.55 - 08.57	8	1.2	5	5	0	0	13	6.2
35	08.58 - 09.00	10	1.5	6	6	0	0	16	7.5
TOTAL		304	45.6	261	261	13	16.9	578	323.5

FORMULIR DATA VOLUME KENDARAAN

Surveyor : Octavia Nolan & Revinda Ika
 Tanggal : Minggu, 17 April 2022
 Arah : Pendekat Funtastico (Arah Belok Kanan)
 Cuaca : Cerah

Siklus	Waktu Pengamatan	Jumlah Kendaraan						TOTAL KEND	TOTAL SKR
		SM		KR		KB			
		Kend	skr	kend	skr	kend	skr		
1	11.02 - 11.03	20	3	17	17	1	1.3	38	21.3
2	11.04 - 11.05	12	1.8	11	11	0	0	23	12.8
3	11.06 - 11.07	17	2.55	13	13	1	1.3	31	16.85
4	11.08 - 11.09	8	1.2	8	8	0	0	16	9.2
5	11.10 - 11.11	6	0.9	5	5	0	0	11	5.9
6	11.12 - 11.13	8	1.2	6	6	0	0	14	7.2
7	11.14 - 11.15	14	2.1	12	12	0	0	26	14.1
8	11.16 - 11.17	10	1.5	8	8	0	0	18	9.5
9	11.17 - 11.18	3	0.45	14	14	0	0	17	14.45
10	11.19 - 11.20	5	0.75	13	13	1	1.3	19	15.05
11	11.21 - 11.22	4	0.6	7	7	0	0	11	7.6
12	11.23 - 11.25	8	1.2	12	12	0	0	20	13.2
13	11.25 - 11.26	5	0.75	6	6	0	0	11	6.75
14	11.27 - 11.28	4	0.6	8	8	0	0	12	8.6
15	11.29 - 11.30	6	0.9	11	11	0	0	17	11.9
16	11.31 - 11.32	7	1.05	10	10	0	0	17	11.05
17	11.33 - 11.34	5	0.75	9	9	0	0	14	9.75
18	11.35 - 11.36	6	0.9	6	6	0	0	12	6.9
19	11.37 - 11.38	5	0.75	5	5	0	0	10	5.75
20	11.39 - 11.40	11	1.65	17	17	1	1.3	29	19.95
21	11.41 - 11.42	7	1.05	12	12	0	0	19	13.05
22	11.43 - 11.44	5	0.75	10	10	0	0	15	10.75
23	11.44 - 11.45	7	1.05	8	8	0	0	15	9.05
24	11.46 - 11.47	6	0.9	13	13	1	1.3	20	15.2
25	11.48 - 11.49	8	1.2	14	14	0	0	22	15.2
26	11.50 - 11.51	6	0.9	10	10	0	0	16	10.9
27	11.52 - 11.53	10	1.5	17	17	1	1.3	28	19.8
28	11.54 - 11.55	7	1.05	7	7	0	0	14	8.05
29	11.56 - 11.57	10	1.5	10	10	0	0	20	11.5
30	11.58 - 11.59	6	0.9	9	9	1	1.3	16	11.2
31	12.00 - 12.01	8	1.2	7	7	0	0	15	8.2
32	12.02 - 12.03	4	0.6	8	8	0	0	12	8.6
33	12.04 - 12.05	9	1.35	14	14	0	0	23	15.35

Siklus	Waktu Pengamatan	Jumlah Kendaraan						TOTAL KEND	TOTAL SKR
		SM		KR		KB			
		Kend	skr	kend	skr	kend	skr		
34	12.05 - 12.06	8	1.2	12	12	2	2.6	22	15.8
35	12.07 - 12.08	4	0.6	6	6	0	0	10	6.6
36	12.09 - 12.10	7	1.05	7	7	0	0	14	8.05
37	12.11 - 12.12	11	1.65	13	13	1	1.3	25	15.95
38	12.13 - 12.14	10	1.5	11	11	0	0	21	12.5
39	12.15 - 12.16	12	1.8	15	15	0	0	27	16.8
40	12.17 - 12.18	3	0.45	5	5	0	0	8	5.45
41	12.19 - 12.20	5	0.75	7	7	0	0	12	7.75
42	12.21 - 12.22	7	1.05	10	10	0	0	17	11.05
43	12.23 - 12.24	13	1.95	20	20	0	0	33	21.95
44	12.25 - 12.26	10	1.5	15	15	0	0	25	16.5
45	12.27 - 12.28	8	1.2	10	10	0	0	18	11.2
46	12.28 - 12.29	6	0.9	8	8	0	0	14	8.9
47	12.30 - 12.31	7	1.05	10	10	0	0	17	11.05
48	12.32 - 12.33	5	0.75	7	7	0	0	12	7.75
49	12.34 - 12.35	8	1.2	12	12	0	0	20	13.2
50	12.36 - 12.37	10	1.5	16	16	1	1.3	27	18.8
51	12.38 - 12.39	7	1.05	8	8	0	0	15	9.05
52	12.40 - 12.41	8	1.2	11	11	0	0	19	12.2
53	12.42 - 12.43	11	1.65	15	15	0	0	26	16.65
54	12.44 - 12.45	7	1.05	9	9	0	0	16	10.05
55	12.46 - 12.47	9	1.35	20	20	0	0	29	21.35
56	12.48 - 12.49	10	1.5	23	23	1	1.3	34	25.8
57	12.50 - 12.51	9	1.35	17	17	0	0	26	18.35
58	12.51 - 12.52	6	0.9	15	15	1	1.3	22	17.2
59	12.53 - 12.54	5	0.75	11	11	0	0	16	11.75
60	12.55 - 12.56	10	1.5	14	14	0	0	24	15.5
61	12.57 - 12.58	6	0.9	12	12	0	0	18	12.9
62	12.59 - 13.00	8	1.2	13	13	0	0	21	14.2
TOTAL		487	73.05	689	689	13	16.9	1189	778.95

FORMULIR DATA VOLUME KENDARAAN

Surveyor : Octavia Nolan & Revinda Ika
 Tanggal : Minggu, 17 April 2022
 Arah : Pendekat Funtastico (Arah Belok Kanan)
 Cuaca : Cerah

Siklus	Waktu Pengamatan	Jumlah Kendaraan						TOTAL KEND	TOTAL SKR
		SM		KR		KB			
		jumlah	skr	jumlah	skr	jumlah	skr		
1	16.01 - 16.03	18	2.7	22	22	1	1.3	41	26
2	16.04 - 16.06	6	0.9	11	11	0	0	17	11.9
3	16.06 - 16.08	19	2.85	23	23	0	0	42	25.85
4	16.08 - 16.10	7	1.05	15	15	0	0	22	16.05
5	16.10 - 16.12	12	1.8	21	21	0	0	33	22.8
6	16.12 - 16.14	16	2.4	18	18	0	0	34	20.4
7	16.15 - 16.16	18	2.7	20	20	0	0	38	22.7
8	16.17 - 16.19	5	0.75	8	8	0	0	13	8.75
9	16.19 - 16.21	20	3	20	20	0	0	40	23
10	16.22 - 16.23	17	2.55	22	22	1	1.3	40	25.85
11	16.24 - 16.25	12	1.8	17	17	0	0	29	18.8
12	16.26 - 16.28	16	2.4	20	20	0	0	36	22.4
13	16.29 - 16.30	20	3	35	35	1	1.3	56	39.3
14	16.31 - 16.33	26	3.9	40	40	0	0	66	43.9
15	16.33 - 16.35	23	3.45	43	43	1	1.3	67	47.75
16	16.36 - 16.37	14	2.1	19	19	1	1.3	34	22.4
17	16.38 - 16.40	11	1.65	14	14	0	0	25	15.65
18	16.41 - 16.42	15	2.25	24	24	0	0	39	26.25
19	16.43 - 16.44	25	3.75	25	25	0	0	50	28.75
20	16.45 - 16.47	8	1.2	15	15	0	0	23	16.2
21	16.47 - 16.49	25	3.75	28	28	0	0	53	31.75
22	16.50 - 16.51	14	2.1	21	21	0	0	35	23.1
23	16.52 - 16.54	11	1.65	20	20	0	0	31	21.65
24	16.54 - 16.56	10	1.5	15	15	0	0	25	16.5
25	16.57 - 16.58	20	3	22	22	0	0	42	25
26	16.59 - 17.01	30	4.5	29	29	0	0	59	33.5
27	17.02 - 17.03	10	1.5	15	15	1	1.3	26	17.8
28	17.04 - 17.05	35	5.25	30	30	0	0	65	35.25
29	17.06 - 17.08	21	3.15	22	22	0	0	43	25.15
30	17.08 - 17.10	15	2.25	18	18	1	1.3	34	21.55
31	17.11 - 17.12	25	3.75	24	24	1	1.3	50	29.05
32	17.13 - 17.15	30	4.5	40	40	0	0	70	44.5
33	17.16 - 17.17	14	2.1	16	16	0	0	30	18.1

Siklus	Waktu Pengamatan	Jumlah Kendaraan						TOTAL KEND	TOTAL SKR
		SM		KR		KB			
		jumlah	skr	jumlah	skr	jumlah	skr		
34	17.18 - 17.19	16	2.4	19	19	0	0	35	21.4
35	17.20 - 17.21	15	2.25	18	18	1	1.3	34	21.55
36	17.22 - 17.24	20	3	18	18	0	0	38	21
37	17.25 - 17.26	30	4.5	27	27	1	1.3	58	32.8
38	17.27 - 17.29	17	2.55	25	25	1	1.3	43	28.85
39	17.29 - 17.31	10	1.5	16	16	0	0	26	17.5
40	17.32 - 17.33	14	2.1	21	21	1	1.3	36	24.4
41	17.34 - 17.35	12	1.8	19	19	1	1.3	32	22.1
42	17.36 - 17.38	13	1.95	12	12	0	0	25	13.95
43	17.38 - 17.40	7	1.05	8	8	0	0	15	9.05
44	17.41 - 17.42	25	3.75	30	30	0	0	55	33.75
45	17.43 - 17.45	10	1.5	13	13	0	0	23	14.5
46	17.45 - 17.47	8	1.2	9	9	1	1.3	18	11.5
47	17.48 - 17.49	6	0.9	14	14	1	1.3	21	16.2
48	17.50 - 17.51	13	1.95	11	11	1	1.3	25	14.25
49	17.52 - 17.54	4	0.6	5	5	0	0	9	5.6
50	17.55 - 17.56	10	1.5	12	12	0	0	22	13.5
51	17.57 - 17.58	5	0.75	6	6	0	0	11	6.75
52	17.59 - 18.00	7	1.05	8	8	0	0	15	9.05
TOTAL		810	121.5	1023	1023	16	20.8	1849	1165.3

FORMULIR DATA VOLUME KENDARAAN

Surveyor : Zahra S dan Astri M
 Tanggal : Rabu, 20 April 2022
 Arah : Pendekat Funtastico (Arah Belok Kanan)
 Cuaca : Cerah

Siklus	Waktu Pengamatan	Jumlah Kendaraan						TOTAL KEND	TOTAL SKR
		SM		KR		KB			
		Kend	skr	kend	skr	kend	skr		
1	07.02 - 07.05	10	1.5	15	15	1	1.3	26	17.8
2	07.05 - 07.07	6	0.9	21	21	0	0	27	21.9
3	07.09 - 07.11	9	1.35	18	18	0	0	27	19.35
4	07.12 - 07.15	15	2.25	21	21	0	0	36	23.25
5	07.16 - 07.18	3	0.45	22	22	0	0	25	22.45
6	07.19 - 07.22	6	0.9	17	17	1	1.3	24	19.2
7	07.23 - 07.25	4	0.6	31	31	1	1.3	36	32.9
8	07.26 - 07.29	11	1.65	41	41	1	1.3	53	43.95
9	07.29 - 07.32	5	0.75	37	37	1	1.3	43	39.05
10	07.33 - 07.35	6	0.9	41	41	1	1.3	48	43.2
11	07.36 - 07.40	4	0.6	25	25	0	0	29	25.6
12	07.40 - 07.43	3	0.45	39	39	2	2.6	44	42.05
13	07.43 - 07.46	7	1.05	21	21	1	1.3	29	23.35
14	07.46 - 07.49	12	1.8	31	31	1	1.3	44	34.1
15	07.50 - 07.53	10	1.5	25	25	1	1.3	36	27.8
16	07.53 - 07.56	11	1.65	18	18	0	0	29	19.65
17	07.57 - 07.59	9	1.35	18	18	2	2.6	29	21.95
18	08.00 - 08.03	10	1.5	28	28	0	0	38	29.5
19	08.04 - 08.06	7	1.05	11	11	0	0	18	12.05
20	08.07 - 08.09	9	1.35	17	17	0	0	26	18.35
21	08.10 - 08.13	15	2.25	20	20	0	0	35	22.25
22	08.14 - 08.16	8	1.2	15	15	0	0	23	16.2
23	08.18 - 08.20	3	0.45	17	17	1	1.3	21	18.75
24	08.21 - 08.23	9	1.35	22	22	1	1.3	32	24.65
25	08.24 - 08.26	15	2.25	10	10	0	0	25	12.25
26	08.27 - 08.30	12	1.8	23	23	2	2.6	37	27.4
27	08.31 - 08.33	8	1.2	15	15	0	0	23	16.2
28	08.34 - 08.37	16	2.4	17	17	1	1.3	34	20.7
29	08.38 - 08.40	10	1.5	22	22	2	2.6	34	26.1
30	08.41 - 08.43	9	1.35	9	9	0	0	18	10.35
31	08.44 - 08.47	10	1.5	21	21	1	1.3	32	23.8
32	08.48 - 08.50	8	1.2	16	16	1	1.3	25	18.5
33	08.52 - 08.54	15	2.25	19	19	1	1.3	35	22.55
34	08.55 - 08.57	10	1.5	11	11	0	0	21	12.5
35	08.58 - 09.00	11	1.65	15	15	0	0	26	16.65
TOTAL		316	47.4	749	749	23	29.9	1088	826.3

FORMULIR DATA VOLUME KENDARAAN

Surveyor : Greygorius dan Zahra S
 Tanggal : Rabu, 20 April 2022
 Arah : Pendekat Funtastico (Arah Belok Kanan)
 Cuaca : Cerah

Siklus	Waktu Pengamatan	Jumlah Kendaraan						TOTAL KEND	TOTAL SKR
		SM		KR		KB			
		Kend	skr	kend	skr	kend	skr		
1	11.02 - 11.03	13	1.95	15	15	0	0	28	16.95
2	11.04 - 11.05	5	0.75	10	10	0	0	15	10.75
3	11.06 - 11.07	7	1.05	15	15	0	0	22	16.05
4	11.08 - 11.09	6	0.9	11	11	0	0	17	11.9
5	11.10 - 11.11	5	0.75	8	8	0	0	13	8.75
6	11.12 - 11.13	8	1.2	13	13	0	0	21	14.2
7	11.14 - 11.15	16	2.4	17	17	0	0	33	19.4
8	11.16 - 11.17	10	1.5	11	11	0	0	21	12.5
9	11.17 - 11.18	12	1.8	16	16	0	0	28	17.8
10	11.19 - 11.20	15	2.25	20	20	0	0	35	22.25
11	11.21 - 11.22	11	1.65	19	19	1	1.3	31	21.95
12	11.23 - 11.24	8	1.2	12	12	0	0	20	13.2
13	11.25 - 11.26	7	1.05	18	18	0	0	25	19.05
14	11.27 - 11.28	18	2.7	9	9	2	2.6	29	14.3
15	11.29 - 11.30	8	1.2	12	12	0	0	20	13.2
16	11.31 - 11.32	11	1.65	10	10	1	1.3	22	12.95
17	11.33 - 11.34	10	1.5	13	13	0	0	23	14.5
18	11.35 - 11.36	13	1.95	12	12	0	0	25	13.95
19	11.37 - 11.38	6	0.9	15	15	1	1.3	22	17.2
20	11.39 - 11.40	9	1.35	17	17	0	0	26	18.35
21	11.41 - 11.42	12	1.8	20	20	1	1.3	33	23.1
22	11.43 - 11.44	15	2.25	16	16	2	2.6	33	20.85
23	11.44 - 11.45	13	1.95	14	14	0	0	27	15.95
24	11.46 - 11.47	11	1.65	13	13	1	1.3	25	15.95
25	11.48 - 11.49	9	1.35	6	6	0	0	15	7.35
26	11.50 - 11.51	5	0.75	8	8	0	0	13	8.75
27	11.52 - 11.53	7	1.05	18	18	0	0	25	19.05
28	11.54 - 11.55	16	2.4	16	16	1	1.3	33	19.7
29	11.56 - 11.57	13	1.95	12	12	0	0	25	13.95
30	11.58 - 11.59	7	1.05	10	10	1	1.3	18	12.35
31	12.00 - 12.01	6	0.9	9	9	0	0	15	9.9
32	12.02 - 12.03	5	0.75	11	11	0	0	16	11.75
33	12.04 - 12.05	11	1.65	12	12	0	0	23	13.65

Siklus	Waktu Pengamatan	Jumlah Kendaraan						TOTAL KEND	TOTAL SKR
		SM		KR		KB			
		Kend	skr	kend	skr	kend	skr		
34	12.05 - 12.06	13	1.95	10	10	1	1.3	24	13.25
35	12.07 - 12.08	12	1.8	11	11	0	0	23	12.8
36	12.09 - 12.10	8	1.2	17	17	0	0	25	18.2
37	12.11 - 12.12	13	1.95	15	15	1	1.3	29	18.25
38	12.13 - 12.14	7	1.05	13	13	0	0	20	14.05
39	12.15 - 12.16	10	1.5	10	10	1	1.3	21	12.8
40	12.17 - 12.18	12	1.8	15	15	0	0	27	16.8
41	12.19 - 12.20	13	1.95	18	18	0	0	31	19.95
42	12.21 - 12.22	16	2.4	21	21	0	0	37	23.4
43	12.23 - 12.24	11	1.65	14	14	0	0	25	15.65
44	12.25 - 12.26	17	2.55	21	21	1	1.3	39	24.85
45	12.27 - 12.28	15	2.25	16	16	0	0	31	18.25
46	12.28 - 12.29	5	0.75	7	7	0	0	12	7.75
47	12.30 - 12.31	8	1.2	12	12	1	1.3	21	14.5
48	12.32 - 12.33	9	1.35	10	10	0	0	19	11.35
49	12.34 - 12.35	11	1.65	11	11	1	1.3	23	13.95
50	12.36 - 12.37	10	1.5	13	13	2	2.6	25	17.1
51	12.38 - 12.39	3	0.45	5	5	0	0	8	5.45
52	12.40 - 12.41	4	0.6	6	6	0	0	10	6.6
53	12.42 - 12.43	5	0.75	7	7	0	0	12	7.75
54	12.44 - 12.45	7	1.05	9	9	0	0	16	10.05
55	12.46 - 12.47	12	1.8	14	14	1	1.3	27	17.1
56	12.48 - 12.49	15	2.25	17	17	0	0	32	19.25
57	12.50 - 12.51	12	1.8	15	15	0	0	27	16.8
58	12.51 - 12.52	10	1.5	13	13	1	1.3	24	15.8
59	12.53 - 12.54	6	0.9	10	10	0	0	16	10.9
60	12.55 - 12.56	8	1.2	11	11	0	0	19	12.2
61	12.57 - 12.58	10	1.5	12	12	0	0	22	13.5
62	12.59 - 13.00	14	2.1	21	21	1	1.3	36	24.4
TOTAL		624	93.6	812	812	22	28.6	1458	934.2

FORMULIR DATA VOLUME KENDARAAN

Surveyor : Zahra S dan Astri M
 Tanggal : Rabu, 20 April 2022
 Arah : Pendekat Funtastico (Arah Belok Kanan)
 Cuaca : Cerah

Siklus	Waktu Pengamatan	Jumlah Kendaraan						TOTAL KEND	TOTAL SKR
		SM		KR		KB			
		Kend	skr	kend	skr	kend	skr		
1	16.00 - 16.02	10	1.5	17	17	0	0	27	18.5
2	16.04 - 16.06	12	1.8	12	12	0	0	24	13.8
3	16.06 - 16.08	13	1.95	22	22	0	0	35	23.95
4	16.08 - 16.10	10	1.5	13	13	0	0	23	14.5
5	16.10 - 16.12	7	1.05	19	19	0	0	26	20.05
6	16.12 - 16.14	11	1.65	15	15	0	0	26	16.65
7	16.15 - 16.16	4	0.6	18	18	2	2.6	24	21.2
8	16.17 - 16.19	5	0.75	19	19	1	1.3	25	21.05
9	16.19 - 16.21	4	0.6	9	9	0	0	13	9.6
10	16.22 - 16.23	15	2.25	10	10	0	0	25	12.25
11	16.24 - 16.25	5	0.75	13	13	0	0	18	13.75
12	16.26 - 16.28	11	1.65	15	15	1	1.3	27	17.95
13	16.29 - 16.30	10	1.5	10	10	0	0	20	11.5
14	16.31 - 16.32	5	0.75	16	16	0	0	21	16.75
15	16.33 - 16.34	6	0.9	18	18	1	1.3	25	20.2
16	16.35 - 16.37	8	1.2	19	19	1	1.3	28	21.5
17	16.38 - 16.40	12	1.8	16	16	1	1.3	29	19.1
18	16.41 - 16.42	10	1.5	18	18	0	0	28	19.5
19	16.43 - 16.44	7	1.05	14	14	0	0	21	15.05
20	16.45 - 16.47	8	1.2	12	12	0	0	20	13.2
21	16.47 - 16.49	12	1.8	27	27	1	1.3	40	30.1
22	16.50 - 16.51	9	1.35	23	23	0	0	32	24.35
23	16.52 - 16.54	19	2.85	12	12	0	0	31	14.85
24	16.54 - 16.56	20	3	35	35	1	1.3	56	39.3
25	16.57 - 16.58	11	1.65	38	38	1	1.3	50	40.95
26	16.59 - 17.01	6	0.9	38	38	0	0	44	38.9
27	17.02 - 17.03	11	1.65	21	21	0	0	32	22.65
28	17.04 - 17.05	14	2.1	32	32	1	1.3	47	35.4
29	17.06 - 17.08	13	1.95	27	27	1	1.3	41	30.25
30	17.08 - 17.10	11	1.65	21	21	0	0	32	22.65
31	17.11 - 17.12	14	2.1	36	36	0	0	50	38.1
32	17.13 - 17.15	10	1.5	34	34	0	0	44	35.5
33	17.16 - 17.17	6	0.9	32	32	0	0	38	32.9

34	17.18 - 17.19	17	2.55	19	19	0	0	36	21.55
35	17.20 - 17.21	22	3.3	26	26	0	0	48	29.3
36	17.22 - 17.24	20	3	31	31	0	0	51	34
37	17.25 - 17.26	10	1.5	20	20	0	0	30	21.5
38	17.27 - 17.29	16	2.4	22	22	0	0	38	24.4
39	17.30 - 17.31	7	1.05	13	13	0	0	20	14.05
40	17.32 - 17.33	12	1.8	17	17	0	0	29	18.8
41	17.34 - 17.35	15	2.25	23	23	0	0	38	25.25
42	17.36 - 17.38	6	0.9	15	15	0	0	21	15.9
43	17.38 - 17.40	3	0.45	11	11	0	0	14	11.45
44	17.41 - 17.42	5	0.75	14	14	0	0	19	14.75
45	17.43 - 17.45	12	1.8	22	22	0	0	34	23.8
46	17.46 - 17.47	11	1.65	14	14	0	0	25	15.65
47	17.48 - 17.49	17	2.55	25	25	1	1.3	43	28.85
48	17.50 - 17.51	14	2.1	22	22	0	0	36	24.1
49	17.52 - 17.54	14	2.1	24	24	0	0	38	26.1
50	17.55 - 17.56	15	2.25	24	24	0	0	39	26.25
51	17.57 - 17.58	8	1.2	8	8	0	0	16	9.2
52	17.59 - 18.00	10	1.5	10	10	0	0	20	11.5
TOTAL		563	84.45	1041	1041	13	16.9	1617	1142.35

FORMULIR SURVEI TUNDAAN DAN PANJANG ANTRIAN

Surveyor : Shinta Amalia, Attarik R, dan Bayazid Irfan
 Tanggal : Selasa, 12 April 2022
 Arah : Pendekat RSPI (Arah Lurus)
 Cuaca : Cerah

SIKLUS	WAKTU					
	07.00 - 09.00		11.00 - 13.00		16.00 - 18.00	
	Tundaan (Detik)	Panjang Antrian (meter)	Tundaan (Detik)	Panjang Antrian (meter)	Tundaan (Detik)	Panjang Antrian (meter)
1	146	100	82	55	120	77
2	150	120	85	59	113	60
3	155	124	90	65	119	75
4	154	130	92	67	128	80
5	156	116	98	87	104	57
6	151	136	86	52	130	83
7	148	136	89	67	127	74
8	153	100	100	65	132	85
9	155	124	115	89	133	81
10	155	141	87	42	143	89
11	153	144	96	59	122	97
12	140	144	88	49	129	116
13	154	136	87	53	120	116
14	145	128	100	89	130	89
15	144	100	98	56	132	81
16	140	108	88	49	135	89
17	150	92	79	60	140	90
18	158	142	96	89	151	120
19	151	164	81	39	153	125
20	144	130	75	45	151	137
21	144	124	80	67	142	120
22	144	100	93	49	134	108
23	145	100	86	57	124	95
24	132	108	84	53	122	76
25	142	104	84	73	128	90
26	143	122	80	57	131	94
27	152	116	93	65	135	97
28	141	124	77	57	140	114
29	156	125	90	49	138	110
30	146	136	77	39	126	93
31	141	100	96	67	118	78
32	120	89	78	30	130	113
33	129	100	71	49	123	80
34	126	90	92	57	125	85
35	122	81	89	65	131	95
36	120	78	85	71	143	115
37			89	89	141	102
38			90	66	130	95
39			85	59	135	125
40			86	65	116	76
41			85	52	110	74
42			87	57	115	76
43			90	65	118	79
44			81	54	124	81
45			79	47	120	80

SIKLUS	WAKTU					
	07.00 - 09.00		11.00 - 13.00		16.00 - 18.00	
	Tundaan (Detik)	Panjang Antrian (meter)	Tundaan (Detik)	Panjang Antrian (meter)	Tundaan (Detik)	Panjang Antrian (meter)
46			72	47	132	110
47			88	65	123	93
48			92	71	100	68
49			87	57	98	75
50			83	39	128	85
51			86	63	121	78
52			92	70	115	76
53			79	47		
54			90	70		
55			89	73		
56			87	65		
57			94	73		
58			92	70		
59			89	72		
60			94	81		
61			86	89		

FORMULIR SURVEI TUNDAAN DAN PANJANG ANTRIAN

Surveyor : Okta Apriyanti, Lutfi, dan Joseph
 Tanggal : Minggu, 17 April 2022
 Arah : Pendekat RSPI (Arah Lurus)
 Cuaca : Cerah

SIKLUS	WAKTU					
	07.00 - 09.00		11.00 - 13.00		16.00 - 18.00	
	Tundaan (Detik)	Panjang Antrian (meter)	Tundaan (Detik)	Panjang Antrian (meter)	Tundaan (Detik)	Panjang Antrian (meter)
1	130	22	95	60	122	84
2	140	41	98	89	118	78
3	143	47	92	100	116	70
4	130	16	92	50	111	72
5	121	20	86	75	118	90
6	127	26	88	46	113	60
7	131	30	82	36	114	57
8	135	35	87	46	121	82
9	132	20	84	37	116	86
10	126	25	86	45	124	110
11	143	40	87	52	109	63
12	139	35	84	36	122	94
13	133	18	80	35	123	100
14	136	25	100	50	118	114
15	137	29	105	55	126	120
16	143	40	90	45	121	115
17	136	30	98	60	117	113
18	135	34	90	51	113	101
19	136	37	87	50	131	120
20	135	28	93	65	127	122
21	139	43	87	45	124	126
22	130	31	87	60	121	118
23	133	40	92	47	120	108
24	135	30	83	52	128	112
25	137	46	81	47	131	130
26	135	38	83	65	123	123
27	137	34	92	48	125	128
28	143	45	102	83	126	117
29	145	49	90	48	120	111
30	146	50	88	60	132	132
31	147	66	94	64	118	115
32	135	45	88	52	119	106
33	137	40	89	48	121	112
34	120	37	89	50	102	94
35	120	36	80	39	119	101
36	117	20	94	52	111	88

SIKLUS	WAKTU					
	07.00 - 09.00		11.00 - 13.00		16.00 - 18.00	
	Tundaan (Detik)	Panjang Antrian (meter)	Tundaan (Detik)	Panjang Antrian (meter)	Tundaan (Detik)	Panjang Antrian (meter)
37			88	47	135	148
38			90	49	120	125
39			80	30	136	116
40			85	42	142	116
41			100	92	130	105
42			92	65	122	87
43			95	60	133	94
44			99	72	96	57
45			90	60	91	50
46			82	49	128	78
47			90	52	118	65
48			100	75	138	120
49			97	65	123	90
50			85	45	113	64
51			87	47	125	77
52			100	94	120	74
53			90	65		
54			88	60		
55			80	52		
56			103	95		
57			87	50		
58			91	69		
59			87	59		
60			91	55		
61			85	45		

FORMULIR SURVEI TUNDAAN DAN PANJANG ANTRIAN

Surveyor : Octavia Nolan, Attarik R dan Agil A
 Tanggal : Rabu, 20 April 2022
 Arah : Pendekat RSPI (Arah Lurus)
 Cuaca : Cerah

SIKLUS	WAKTU					
	07.00 - 09.00		11.00 - 13.00		16.00 - 18.00	
	Tundaan (Detik)	Panjang Antrian (meter)	Tundaan (Detik)	Panjang Antrian (meter)	Tundaan (Detik)	Panjang Antrian (meter)
1	142	108	80	52	115	60
2	143	124	83	57	118	77
3	146	120	79	50	96	73
4	145	128	88	65	116	68
5	141	126	89	60	112	75
6	133	101	87	55	131	108
7	110	95	104	80	121	76
8	117	100	86	77	125	81
9	150	133	108	90	124	83
10	148	131	90	85	124	65
11	120	85	84	85	122	92
12	152	136	81	45	125	82
13	157	140	93	60	138	120
14	142	110	100	84	129	116
15	141	100	94	70	125	145
16	147	94	96	72	128	132
17	135	108	76	65	120	81
18	132	105	101	70	118	76
19	153	120	90	55	152	124
20	132	110	81	50	121	132
21	147	136	90	70	120	116
22	142	122	89	75	127	132
23	122	94	87	60	139	97
24	145	126	100	45	130	100
25	153	140	72	65	129	108
26	151	135	103	73	137	116
27	145	130	78	58	129	81
28	143	124	94	65	141	118
29	150	126	86	49	138	124
30	154	137	101	81	133	104
31	127	95	106	100	139	110
32	118	94	96	89	141	100

SIKLUS	WAKTU					
	07.00 - 09.00		11.00 - 13.00		16.00 - 18.00	
	Tundaan (Detik)	Panjang Antrian (meter)	Tundaan (Detik)	Panjang Antrian (meter)	Tundaan (Detik)	Panjang Antrian (meter)
33	146	136	102	85	118	116
34	130	100	74	57	136	132
35	125	92	106	66	135	124
36	122	84	100	81	128	120
37			84	58	124	89
38			81	65	130	65
39			97	92	141	124
40			86	73	136	116
41			72	55	142	116
42			91	56	133	108
43			95	63	135	85
44			91	31	133	94
45			93	61	96	57
46			103	95	92	49
47			73	75	125	73
48			81	57	120	65
49			92	60	136	118
50			88	65	120	81
51			75	31	117	49
52			107	71	120	66
53			65	45		
54			88	60		
55			80	52		
56			103	93		
57			90	65		
58			91	65		
59			87	61		
60			89	64		
61			84	72		

FORMULIR SURVEI TUNDAAN DAN PANJANG ANTRIAN

Surveyor : Hanif F, Greygorius dan Mychael
 Tanggal : Selasa, 12 April 2022
 Arah : Pendekat Funtastico (Arah Belok Kanan)
 Cuaca : Cerah

SIKLUS	WAKTU					
	07.00 - 09.00		11.00 - 13.00		16.00 - 18.00	
	Tundaan (Detik)	Panjang Antrian (meter)	Tundaan (Detik)	Panjang Antrian (meter)	Tundaan (Detik)	Panjang Antrian (meter)
1	115	80	80	25	79	38
2	122	85	91	31	94	74
3	125	83	87	28	113	65
4	130	95	79	20	77	42
5	155	130	97	30	88	58
6	171	132	100	35	110	82
7	146	171,5	100	32	104	64
8	144	181	107	40	101	85
9	178	190	98	50	98	57
10	146	187	105	92	99	58
11	178	198	105	105	89	47
12	175	197	96	110	80	61
13	160	189	85	92	90	45
14	150	146	85	54	89	41
15	153	105	102	61,5	113	78
16	130	87	112	90,5	122	92
17	144	85	80	55	87	65
18	150	110	86	64,3	90	67
19	134	55	96	40	115	85
20	134	76	92	43,3	97	68
21	153	103	112	62,7	88	65
22	103	45	88	61	87	72
23	121	71	95	64	85	77
24	140	83	81	48	90	68
25	140	70	88	50	85	63
26	139	95	91	56	88	71
27	131	50	95	68	79	50
28	120	63	96	57	79	60
29	144	95	100	80	100	70
30	122	50	95	58	81	62

SIKLUS	WAKTU					
	07.00 - 09.00		11.00 - 13.00		16.00 - 18.00	
	Tundaan (Detik)	Panjang Antrian (meter)	Tundaan (Detik)	Panjang Antrian (meter)	Tundaan (Detik)	Panjang Antrian (meter)
31	131	75	93	62	84	50
32	132	87	81	89	81	43
33	116	60	75	35	85	67
34	118	65	79	50	88	65
35	105	50	78	50	84	48
36			93	76	79	40
37			83	53	87	52
38			80	51	78	30
39			88	56	82	50
40			103	90	85	57
41			100	87	88	59
42			96	83	91	61
43			89	76	80	45
44			94	81	77	44
45			95	65	79	48
46			97	67	80	32
47			87	51	89	57
48			85	53	74	30
49			86	52	87	50
50			85	55	85	45
51			98	76	75	34
52			100	87	85	45
53			90	70		
54			95	75		
55			83	50		
56			94	79		
57			92	55		
58			83	42		
59			86	52		
60			80	35		
61			78	30		
62			85	40		

FORMULIR SURVEI TUNDAAN DAN PANJANG ANTRIAN

Surveyor : Putri Ajeng, Agil A dan Julio
 Tanggal : Minggu, 17 April 2022
 Arah : Pendekat Funtastico (Arah Belok Kanan)
 Cuaca : Cerah

SIKLUS	WAKTU					
	07.00 - 09.00		11.00 - 13.00		16.00 - 18.00	
	Tundaan (Detik)	Panjang Antrian (meter)	Tundaan (Detik)	Panjang Antrian (meter)	Tundaan (Detik)	Panjang Antrian (meter)
1	116	17	85	60	94	87
2	120	20	72	40	85	37
3	127	25	83	50	92	85
4	118	21	80	30	89	55
5	115	13	68	20	97	80
6	128	15	79	24	88	70
7	128	20	80	49	79	80
8	116	18	79	35	81	34
9	117	14	73	12	96	90
10	130	24	83	51	79	90
11	118	15	80	26	90	68
12	117	18	85	48	93	78
13	126	24	80	24	90	153
14	135	32	76	32	75	174
15	117	15	70	35	77	210
16	132	20	77	38	88	70
17	118	15	81	32	77	50
18	131	18	78	24	95	90
19	121	15	80	20	96	103
20	127	18	81	65	80	55
21	135	25	83	46	91	110
22	120	35	82	40	101	82
23	123	20	77	40	85	70
24	136	30	84	49	77	50
25	137	18	83	49	95	90
26	139	25	81	36	96	103
27	141	29	84	65	80	55
28	137	27	74	28	91	110
29	135	22	80	42	101	82
30	141	32	75	34	85	70
31	154	50	71	34	92	90
32	145	35	75	32	99	153

SIKLUS	WAKTU					
	07.00 - 09.00		11.00 - 13.00		16.00 - 18.00	
	Tundaan (Detik)	Panjang Antrian (meter)	Tundaan (Detik)	Panjang Antrian (meter)	Tundaan (Detik)	Panjang Antrian (meter)
33	121	30	86	53	83	59
34	117	15	77	53	93	73
35	120	20	76	26	86	60
36			84	28	93	70
37			78	42	99	100
38			75	40	97	80
39			76	50	74	53
40			77	20	88	74
41			78	24	72	70
42			76	34	75	50
43			86	62	79	24
44			84	48	91	112
45			78	35	89	50
46			72	26	82	30
47			79	32	89	51
48			80	28	81	42
49			82	40	75	20
50			79	50	90	45
51			81	30	79	24
52			89	40	80	25
53			74	50		
54			86	35		
55			92	60		
56			88	62		
57			94	58		
58			86	53		
59			81	43		
60			87	50		
61			84	48		
62			90	52		

FORMULIR SURVEI TUNDAAN DAN PANJANG ANTRIAN

Surveyor : Febe K, Putri Ajeng dan Rafenina A.N
 Tanggal : Rabu, 20 April 2022
 Arah : Pendekat Funtastico (Arah Belok Kanan)
 Cuaca : Cerah

SIKLUS	WAKTU					
	07.00 - 09.00		11.00 - 13.00		16.00 - 18.00	
	Tundaan (Detik)	Panjang Antrian (meter)	Tundaan (Detik)	Panjang Antrian (meter)	Tundaan (Detik)	Panjang Antrian (meter)
1	120	78	81	57	90	82
2	135	83	72	35	87	51
3	142	84	84	54	92	87
4	144	86	77	41	89	57
5	145	95	72	33	93	85
6	138	80	85	52	91	71
7	157	120	88	65	96	84
8	170	165	85	44	85	75
9	168	100	97	66	78	39
10	182	175	96	80	81	40
11	117	95	93	72	89	58
12	160	170	90	58	85	62
13	151	93	88	50	81	47
14	156	145	89	80	84	52
15	150	116	84	40	88	65
16	146	100	86	50	88	77
17	153	105	82	46	91	63
18	157	109	89	50	88	59
19	113	51	84	47	91	54
20	151	102	86	50	80	22
21	140	93	92	67	88	53
22	134	79	99	85	85	45
23	141	92	98	78	80	24
24	115	52	93	73	89	65
25	141	95	91	53	88	83
26	121	73	85	30	93	75
27	150	103	84	32	88	42
28	145	100	95	75	89	60
29	143	95	95	70	85	51
30	117	52	92	55	84	48

SIKLUS	WAKTU					
	07.00 - 09.00		11.00 - 13.00		16.00 - 18.00	
	Tundaan (Detik)	Panjang Antrian (meter)	Tundaan (Detik)	Panjang Antrian (meter)	Tundaan (Detik)	Panjang Antrian (meter)
31	125	85	86	47	89	70
32	120	76	85	39	87	65
33	118	65	91	55	76	63
34	111	50	90	57	87	42
35	105	48	93	55	77	50,5
36			81	55	83	60
37			93	63	81	42
38			95	58	84	48
39			90	56	82	28
40			90	60	85	35
41			95	65	81	50
42			101	77	80	30
43			86	48	81	25
44			102	81	75	28
45			92	60	81	45
46			78	30	85	28
47			86	48	89	55
48			85	50	85	42
49			89	52	75	50
50			83	50	80	50
51			82	15	81	22
52			85	15	75	25
53			74	20		
54			86	20		
55			91	58		
56			90	65		
57			92	55		
58			86	55		
59			85	40		
60			83	42		
61			84	48		
62			96	78		

Lampiran 4. 1 Tabel F_{UK} dan F_{KHS} dari PKJI 2014

Tabel faktor penyesuaian ukuran kota (F_{UK})

Jumlah penduduk kota (Juta jiwa)	Faktor penyesuaian ukuran kota (F_{UK})
>3,0	1,05
1,0-3,0	1,00
0,5 – 1,0	0,94
0,1 – 0,5	0,83
<0,1	0,82

Tabel faktor penyesuaian untuk tipe lingkungan simpang, hambatan samping, dan kendaraan tak bermotor (F_{KHS})

Lingkungan jalan	Hambatan samping	Tipe fase	Rasio kendaraan tak bermotor					
			0,00	0,05	0,10	0,15	0,20	≥ 0,25
Komersial (KOM)	Tinggi	Terlawan	0,93	0,88	0,84	0,79	0,74	0,70
		Terlindung	0,93	0,91	0,88	0,87	0,85	0,81
	Sedang	Terlawan	0,94	0,89	0,85	0,80	0,75	0,71
		Terlindung	0,94	0,92	0,89	0,88	0,86	0,82
	Rendah	Terlawan	0,95	0,90	0,86	0,81	0,76	0,72
		Terlindung	0,95	0,93	0,90	0,89	0,87	0,83
Permukiman (KIM)	Tinggi	Terlawan	0,96	0,91	0,86	0,81	0,78	0,72
		Terlindung	0,96	0,94	0,92	0,99	0,86	0,84
	Sedang	Terlawan	0,97	0,92	0,87	0,82	0,79	0,73
		Terlindung	0,97	0,95	0,93	0,90	0,87	0,85
	Rendah	Terlawan	0,98	0,93	0,88	0,83	0,80	0,74
		Terlindung	0,98	0,96	0,94	0,91	0,88	0,86
Akses terbatas	Tinggi/ Sedang/ Rendah	Terlawan	1,00	0,95	0,90	0,85	0,80	0,75
		Terlindung	1,00	0,98	0,95	0,93	0,90	0,88

Lampiran 5. 1 Tabel Distribusi Uji F

Titik Persentase Distribusi F untuk Probabilita = 0,05															
df untuk penyebut (N2)	df untuk pembilang (N1)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	161	199	216	225	230	234	237	239	241	242	243	244	245	245	246
2	18.51	19.00	19.16	19.25	19.30	19.33	19.35	19.37	19.38	19.40	19.40	19.41	19.42	19.42	19.43
3	10.13	9.55	9.28	9.12	9.01	8.94	8.89	8.85	8.81	8.79	8.76	8.74	8.73	8.71	8.70
4	7.71	6.94	6.59	6.39	6.26	6.16	6.09	6.04	6.00	5.96	5.94	5.91	5.89	5.87	5.86
5	6.61	5.79	5.41	5.19	5.05	4.95	4.88	4.82	4.77	4.74	4.70	4.68	4.66	4.64	4.62
6	5.99	5.14	4.78	4.53	4.39	4.28	4.21	4.15	4.10	4.06	4.03	4.00	3.98	3.96	3.94
7	5.59	4.74	4.35	4.12	3.97	3.87	3.79	3.73	3.68	3.64	3.60	3.57	3.55	3.53	3.51
8	5.32	4.46	4.07	3.84	3.69	3.58	3.50	3.44	3.39	3.35	3.31	3.28	3.26	3.24	3.22
9	5.12	4.26	3.86	3.63	3.48	3.37	3.29	3.23	3.18	3.14	3.10	3.07	3.05	3.03	3.01
10	4.96	4.10	3.71	3.48	3.33	3.22	3.14	3.07	3.02	2.98	2.94	2.91	2.89	2.86	2.85
11	4.81	3.98	3.59	3.36	3.20	3.09	3.01	2.95	2.90	2.85	2.82	2.79	2.76	2.74	2.72
12	4.75	3.89	3.49	3.26	3.11	3.00	2.91	2.85	2.80	2.75	2.72	2.69	2.66	2.64	2.62
13	4.67	3.81	3.41	3.18	3.03	2.92	2.83	2.77	2.71	2.67	2.63	2.60	2.58	2.55	2.53
14	4.60	3.74	3.34	3.11	2.96	2.85	2.76	2.70	2.65	2.60	2.57	2.53	2.51	2.48	2.46
15	4.54	3.68	3.29	3.06	2.90	2.79	2.71	2.64	2.59	2.54	2.51	2.48	2.45	2.42	2.40
16	4.49	3.63	3.24	3.01	2.85	2.74	2.66	2.59	2.54	2.49	2.46	2.42	2.40	2.37	2.35
17	4.45	3.59	3.20	2.98	2.81	2.70	2.61	2.55	2.49	2.45	2.41	2.38	2.35	2.33	2.31
18	4.41	3.55	3.16	2.93	2.77	2.66	2.58	2.51	2.46	2.41	2.37	2.34	2.31	2.29	2.27
19	4.38	3.52	3.13	2.90	2.74	2.63	2.54	2.48	2.42	2.38	2.34	2.31	2.28	2.26	2.23
20	4.35	3.49	3.10	2.87	2.71	2.60	2.51	2.45	2.39	2.35	2.31	2.28	2.25	2.22	2.20
21	4.32	3.47	3.07	2.84	2.68	2.57	2.49	2.42	2.37	2.32	2.28	2.25	2.22	2.20	2.18
22	4.30	3.44	3.05	2.82	2.66	2.55	2.46	2.40	2.34	2.30	2.26	2.23	2.20	2.17	2.15
23	4.28	3.42	3.03	2.80	2.64	2.53	2.44	2.37	2.32	2.27	2.24	2.20	2.18	2.15	2.13
24	4.26	3.40	3.01	2.78	2.62	2.51	2.42	2.36	2.30	2.25	2.22	2.18	2.15	2.13	2.11
25	4.24	3.39	2.99	2.76	2.60	2.49	2.40	2.34	2.28	2.24	2.20	2.16	2.14	2.11	2.09
26	4.23	3.37	2.98	2.74	2.59	2.47	2.39	2.32	2.27	2.22	2.18	2.15	2.12	2.09	2.07
27	4.21	3.35	2.96	2.73	2.57	2.46	2.37	2.31	2.25	2.20	2.17	2.13	2.10	2.08	2.06
28	4.20	3.34	2.95	2.71	2.56	2.45	2.36	2.29	2.24	2.19	2.15	2.12	2.09	2.06	2.04
29	4.18	3.33	2.93	2.70	2.55	2.43	2.35	2.28	2.22	2.18	2.14	2.10	2.08	2.05	2.03
30	4.17	3.32	2.92	2.69	2.53	2.42	2.33	2.27	2.21	2.16	2.13	2.09	2.06	2.04	2.01
31	4.16	3.30	2.91	2.68	2.52	2.41	2.32	2.25	2.20	2.15	2.11	2.08	2.05	2.03	2.00
32	4.15	3.29	2.90	2.67	2.51	2.40	2.31	2.24	2.19	2.14	2.10	2.07	2.04	2.01	1.99
33	4.14	3.28	2.89	2.66	2.50	2.39	2.30	2.23	2.18	2.13	2.09	2.06	2.03	2.00	1.98
34	4.13	3.28	2.88	2.65	2.49	2.38	2.29	2.23	2.17	2.12	2.08	2.05	2.02	1.99	1.97
35	4.12	3.27	2.87	2.64	2.49	2.37	2.29	2.22	2.16	2.11	2.07	2.04	2.01	1.99	1.96
36	4.11	3.26	2.87	2.63	2.48	2.36	2.28	2.21	2.15	2.11	2.07	2.03	2.00	1.98	1.96
37	4.11	3.25	2.86	2.63	2.47	2.36	2.27	2.20	2.14	2.10	2.06	2.02	2.00	1.97	1.95
38	4.10	3.24	2.85	2.62	2.46	2.35	2.26	2.19	2.14	2.09	2.05	2.02	1.99	1.96	1.94
39	4.09	3.24	2.85	2.61	2.46	2.34	2.26	2.19	2.13	2.08	2.04	2.01	1.98	1.95	1.93
40	4.08	3.23	2.84	2.61	2.45	2.34	2.25	2.18	2.12	2.08	2.04	2.00	1.97	1.95	1.92
41	4.08	3.23	2.83	2.60	2.44	2.33	2.24	2.17	2.12	2.07	2.03	2.00	1.97	1.94	1.92
42	4.07	3.22	2.83	2.59	2.44	2.32	2.24	2.17	2.11	2.06	2.03	1.99	1.96	1.94	1.91
43	4.07	3.21	2.82	2.59	2.43	2.32	2.23	2.16	2.11	2.06	2.02	1.99	1.96	1.93	1.91
44	4.06	3.21	2.82	2.58	2.43	2.31	2.23	2.16	2.10	2.05	2.01	1.98	1.95	1.92	1.90
45	4.06	3.20	2.81	2.58	2.42	2.31	2.22	2.15	2.10	2.05	2.01	1.97	1.94	1.92	1.89

Titik Persentase Distribusi F untuk Probabilita = 0,05

df untuk penyebut (N2)	df untuk pembilang (N1)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
46	4.05	3.20	2.81	2.57	2.42	2.30	2.22	2.15	2.09	2.04	2.00	1.97	1.94	1.91	1.89
47	4.05	3.20	2.80	2.57	2.41	2.30	2.21	2.14	2.09	2.04	2.00	1.96	1.93	1.91	1.88
48	4.04	3.19	2.80	2.57	2.41	2.29	2.21	2.14	2.08	2.03	1.99	1.96	1.93	1.90	1.88
49	4.04	3.19	2.79	2.56	2.40	2.29	2.20	2.13	2.08	2.03	1.99	1.96	1.93	1.90	1.88
50	4.03	3.18	2.79	2.56	2.40	2.29	2.20	2.13	2.07	2.03	1.99	1.95	1.92	1.89	1.87
51	4.03	3.18	2.79	2.55	2.40	2.28	2.20	2.13	2.07	2.02	1.98	1.95	1.92	1.89	1.87
52	4.03	3.18	2.78	2.55	2.39	2.28	2.19	2.12	2.07	2.02	1.98	1.94	1.91	1.89	1.86
53	4.02	3.17	2.78	2.55	2.39	2.28	2.19	2.12	2.06	2.01	1.97	1.94	1.91	1.88	1.86
54	4.02	3.17	2.78	2.54	2.39	2.27	2.18	2.12	2.06	2.01	1.97	1.94	1.91	1.88	1.86
55	4.02	3.16	2.77	2.54	2.38	2.27	2.18	2.11	2.06	2.01	1.97	1.93	1.90	1.88	1.85
56	4.01	3.16	2.77	2.54	2.38	2.27	2.18	2.11	2.05	2.00	1.96	1.93	1.90	1.87	1.85
57	4.01	3.16	2.77	2.53	2.38	2.26	2.18	2.11	2.05	2.00	1.96	1.93	1.90	1.87	1.85
58	4.01	3.16	2.76	2.53	2.37	2.26	2.17	2.10	2.05	2.00	1.96	1.92	1.89	1.87	1.84
59	4.00	3.15	2.76	2.53	2.37	2.26	2.17	2.10	2.04	2.00	1.96	1.92	1.89	1.86	1.84
60	4.00	3.15	2.76	2.53	2.37	2.25	2.17	2.10	2.04	1.99	1.95	1.92	1.89	1.86	1.84
61	4.00	3.15	2.76	2.52	2.37	2.25	2.16	2.09	2.04	1.99	1.95	1.91	1.88	1.86	1.83
62	4.00	3.15	2.75	2.52	2.36	2.25	2.16	2.09	2.03	1.99	1.95	1.91	1.88	1.85	1.83
63	3.99	3.14	2.75	2.52	2.36	2.25	2.16	2.09	2.03	1.98	1.94	1.91	1.88	1.85	1.83
64	3.99	3.14	2.75	2.52	2.36	2.24	2.16	2.09	2.03	1.98	1.94	1.91	1.88	1.85	1.83
65	3.99	3.14	2.75	2.51	2.36	2.24	2.15	2.08	2.03	1.98	1.94	1.90	1.87	1.85	1.82
66	3.99	3.14	2.74	2.51	2.35	2.24	2.15	2.08	2.03	1.98	1.94	1.90	1.87	1.84	1.82
67	3.98	3.13	2.74	2.51	2.35	2.24	2.15	2.08	2.02	1.98	1.93	1.90	1.87	1.84	1.82
68	3.98	3.13	2.74	2.51	2.35	2.24	2.15	2.08	2.02	1.97	1.93	1.90	1.87	1.84	1.82
69	3.98	3.13	2.74	2.50	2.35	2.23	2.15	2.08	2.02	1.97	1.93	1.90	1.86	1.84	1.81
70	3.98	3.13	2.74	2.50	2.35	2.23	2.14	2.07	2.02	1.97	1.93	1.89	1.86	1.84	1.81
71	3.98	3.13	2.73	2.50	2.34	2.23	2.14	2.07	2.01	1.97	1.93	1.89	1.86	1.83	1.81
72	3.97	3.12	2.73	2.50	2.34	2.23	2.14	2.07	2.01	1.96	1.92	1.89	1.86	1.83	1.81
73	3.97	3.12	2.73	2.50	2.34	2.23	2.14	2.07	2.01	1.96	1.92	1.89	1.86	1.83	1.81
74	3.97	3.12	2.73	2.50	2.34	2.22	2.14	2.07	2.01	1.96	1.92	1.89	1.85	1.83	1.80
75	3.97	3.12	2.73	2.49	2.34	2.22	2.13	2.06	2.01	1.96	1.92	1.88	1.85	1.83	1.80
76	3.97	3.12	2.72	2.49	2.33	2.22	2.13	2.06	2.01	1.96	1.92	1.88	1.85	1.82	1.80
77	3.97	3.12	2.72	2.49	2.33	2.22	2.13	2.06	2.00	1.96	1.92	1.88	1.85	1.82	1.80
78	3.96	3.11	2.72	2.49	2.33	2.22	2.13	2.06	2.00	1.95	1.91	1.88	1.85	1.82	1.80
79	3.96	3.11	2.72	2.49	2.33	2.22	2.13	2.06	2.00	1.95	1.91	1.88	1.85	1.82	1.79
80	3.96	3.11	2.72	2.49	2.33	2.21	2.13	2.06	2.00	1.95	1.91	1.88	1.84	1.82	1.79
81	3.96	3.11	2.72	2.48	2.33	2.21	2.12	2.05	2.00	1.95	1.91	1.87	1.84	1.82	1.79
82	3.96	3.11	2.72	2.48	2.33	2.21	2.12	2.05	2.00	1.95	1.91	1.87	1.84	1.81	1.79
83	3.96	3.11	2.71	2.48	2.32	2.21	2.12	2.05	1.99	1.95	1.91	1.87	1.84	1.81	1.79
84	3.95	3.11	2.71	2.48	2.32	2.21	2.12	2.05	1.99	1.95	1.90	1.87	1.84	1.81	1.79
85	3.95	3.10	2.71	2.48	2.32	2.21	2.12	2.05	1.99	1.94	1.90	1.87	1.84	1.81	1.79
86	3.95	3.10	2.71	2.48	2.32	2.21	2.12	2.05	1.99	1.94	1.90	1.87	1.84	1.81	1.78
87	3.95	3.10	2.71	2.48	2.32	2.20	2.12	2.05	1.99	1.94	1.90	1.87	1.83	1.81	1.78
88	3.95	3.10	2.71	2.48	2.32	2.20	2.12	2.05	1.99	1.94	1.90	1.86	1.83	1.81	1.78
89	3.95	3.10	2.71	2.47	2.32	2.20	2.11	2.04	1.99	1.94	1.90	1.86	1.83	1.80	1.78
90	3.95	3.10	2.71	2.47	2.32	2.20	2.11	2.04	1.99	1.94	1.90	1.86	1.83	1.80	1.78

Titik Persentase Distribusi t (df = 1 – 40)

df	Pr	0.25 0.50	0.10 0.20	0.05 0.10	0.025 0.050	0.01 0.02	0.005 0.010	0.001 0.002
1		1.00000	3.07768	6.31375	12.70620	31.82052	63.65674	318.30884
2		0.81650	1.88562	2.91999	4.30265	6.96456	9.92484	22.32712
3		0.76489	1.63774	2.35336	3.18245	4.54070	5.84091	10.21453
4		0.74070	1.53321	2.13185	2.77645	3.74695	4.60409	7.17318
5		0.72669	1.47588	2.01505	2.57058	3.36493	4.03214	5.89343
6		0.71756	1.43976	1.94318	2.44691	3.14267	3.70743	5.20763
7		0.71114	1.41492	1.89458	2.36462	2.99795	3.49948	4.78529
8		0.70639	1.39682	1.85955	2.30600	2.89646	3.35539	4.50079
9		0.70272	1.38303	1.83311	2.26216	2.82144	3.24984	4.29681
10		0.69981	1.37218	1.81246	2.22814	2.76377	3.16927	4.14370
11		0.69745	1.36343	1.79588	2.20099	2.71808	3.10581	4.02470
12		0.69548	1.35622	1.78229	2.17881	2.68100	3.05454	3.92963
13		0.69383	1.35017	1.77093	2.16037	2.65031	3.01228	3.85198
14		0.69242	1.34503	1.76131	2.14479	2.62449	2.97684	3.78739
15		0.69120	1.34061	1.75305	2.13145	2.60248	2.94671	3.73283
16		0.69013	1.33676	1.74588	2.11991	2.58349	2.92078	3.68615
17		0.68920	1.33338	1.73961	2.10982	2.56693	2.89823	3.64577
18		0.68836	1.33039	1.73406	2.10092	2.55238	2.87844	3.61048
19		0.68762	1.32773	1.72913	2.09302	2.53948	2.86093	3.57940
20		0.68695	1.32534	1.72472	2.08596	2.52798	2.84534	3.55181
21		0.68635	1.32319	1.72074	2.07961	2.51765	2.83136	3.52715
22		0.68581	1.32124	1.71714	2.07387	2.50832	2.81876	3.50499
23		0.68531	1.31946	1.71387	2.06866	2.49987	2.80734	3.48496
24		0.68485	1.31784	1.71088	2.06390	2.49216	2.79694	3.46678
25		0.68443	1.31635	1.70814	2.05954	2.48511	2.78744	3.45019
26		0.68404	1.31497	1.70562	2.05553	2.47863	2.77871	3.43500
27		0.68368	1.31370	1.70329	2.05183	2.47266	2.77068	3.42103
28		0.68335	1.31253	1.70113	2.04841	2.46714	2.76326	3.40816
29		0.68304	1.31143	1.69913	2.04523	2.46202	2.75639	3.39624
30		0.68276	1.31042	1.69726	2.04227	2.45726	2.75000	3.38518
31		0.68249	1.30946	1.69552	2.03951	2.45282	2.74404	3.37490
32		0.68223	1.30857	1.69389	2.03693	2.44868	2.73848	3.36531
33		0.68200	1.30774	1.69236	2.03452	2.44479	2.73328	3.35634
34		0.68177	1.30695	1.69092	2.03224	2.44115	2.72839	3.34793
35		0.68156	1.30621	1.68957	2.03011	2.43772	2.72381	3.34005
36		0.68137	1.30551	1.68830	2.02809	2.43449	2.71948	3.33262
37		0.68118	1.30485	1.68709	2.02619	2.43145	2.71541	3.32563
38		0.68100	1.30423	1.68595	2.02439	2.42857	2.71156	3.31903
39		0.68083	1.30364	1.68488	2.02269	2.42584	2.70791	3.31279
40		0.68067	1.30308	1.68385	2.02108	2.42326	2.70446	3.30688

Catatan: Probabilita yang lebih kecil yang ditunjukkan pada judul tiap kolom adalah luas daerah dalam satu ujung, sedangkan probabilitas yang lebih besar adalah luas daerah dalam kedua ujung

Titik Persentase Distribusi t (df = 41 – 80)

df \ Pr	0.25	0.10	0.05	0.025	0.01	0.005	0.001
	0.50	0.20	0.10	0.050	0.02	0.010	0.002
41	0.68052	1.30254	1.68288	2.01954	2.42080	2.70118	3.30127
42	0.68038	1.30204	1.68195	2.01808	2.41847	2.69807	3.29595
43	0.68024	1.30155	1.68107	2.01669	2.41625	2.69510	3.29089
44	0.68011	1.30109	1.68023	2.01537	2.41413	2.69228	3.28607
45	0.67998	1.30065	1.67943	2.01410	2.41212	2.68959	3.28148
46	0.67986	1.30023	1.67866	2.01290	2.41019	2.68701	3.27710
47	0.67975	1.29982	1.67793	2.01174	2.40835	2.68456	3.27291
48	0.67964	1.29944	1.67722	2.01063	2.40658	2.68220	3.26891
49	0.67953	1.29907	1.67655	2.00958	2.40489	2.67995	3.26508
50	0.67943	1.29871	1.67591	2.00856	2.40327	2.67779	3.26141
51	0.67933	1.29837	1.67528	2.00758	2.40172	2.67572	3.25789
52	0.67924	1.29805	1.67469	2.00665	2.40022	2.67373	3.25451
53	0.67915	1.29773	1.67412	2.00575	2.39879	2.67182	3.25127
54	0.67906	1.29743	1.67356	2.00488	2.39741	2.66998	3.24815
55	0.67898	1.29713	1.67303	2.00404	2.39608	2.66822	3.24515
56	0.67890	1.29685	1.67252	2.00324	2.39480	2.66651	3.24226
57	0.67882	1.29658	1.67203	2.00247	2.39357	2.66487	3.23948
58	0.67874	1.29632	1.67155	2.00172	2.39238	2.66329	3.23680
59	0.67867	1.29607	1.67109	2.00100	2.39123	2.66176	3.23421
60	0.67860	1.29582	1.67065	2.00030	2.39012	2.66028	3.23171
61	0.67853	1.29558	1.67022	1.99962	2.38905	2.65886	3.22930
62	0.67847	1.29536	1.66980	1.99897	2.38801	2.65748	3.22696
63	0.67840	1.29513	1.66940	1.99834	2.38701	2.65615	3.22471
64	0.67834	1.29492	1.66901	1.99773	2.38604	2.65485	3.22253
65	0.67828	1.29471	1.66864	1.99714	2.38510	2.65360	3.22041
66	0.67823	1.29451	1.66827	1.99656	2.38419	2.65239	3.21837
67	0.67817	1.29432	1.66792	1.99601	2.38330	2.65122	3.21639
68	0.67811	1.29413	1.66757	1.99547	2.38245	2.65008	3.21446
69	0.67806	1.29394	1.66724	1.99495	2.38161	2.64898	3.21260
70	0.67801	1.29376	1.66691	1.99444	2.38081	2.64790	3.21079
71	0.67796	1.29359	1.66660	1.99394	2.38002	2.64686	3.20903
72	0.67791	1.29342	1.66629	1.99346	2.37926	2.64585	3.20733
73	0.67787	1.29326	1.66600	1.99300	2.37852	2.64487	3.20567
74	0.67782	1.29310	1.66571	1.99254	2.37780	2.64391	3.20406
75	0.67778	1.29294	1.66543	1.99210	2.37710	2.64298	3.20249
76	0.67773	1.29279	1.66515	1.99167	2.37642	2.64208	3.20096
77	0.67769	1.29264	1.66488	1.99125	2.37576	2.64120	3.19948
78	0.67765	1.29250	1.66462	1.99085	2.37511	2.64034	3.19804
79	0.67761	1.29236	1.66437	1.99045	2.37448	2.63950	3.19663
80	0.67757	1.29222	1.66412	1.99006	2.37387	2.63869	3.19526

Catatan: Probabilita yang lebih kecil yang ditunjukkan pada judul tiap kolom adalah luas daerah dalam satu ujung, sedangkan probabilitas yang lebih besar adalah luas daerah dalam kedua ujung

Lampiran 7. 1 Tabel Durbin Watson

Tabel Durbin-Watson (DW), $\alpha = 5\%$

n	k=1		k=2		k=3		k=4		k=5	
	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU
6	0.6102	1.4002								
7	0.6996	1.3564	0.4672	1.8964						
8	0.7629	1.3324	0.5591	1.7771	0.3674	2.2866				
9	0.8243	1.3199	0.6291	1.6993	0.4548	2.1282	0.2957	2.5881		
10	0.8791	1.3197	0.6972	1.6413	0.5253	2.0163	0.3760	2.4137	0.2427	2.8217
11	0.9273	1.3241	0.7580	1.6044	0.5948	1.9280	0.4441	2.2833	0.3155	2.6446
12	0.9708	1.3314	0.8122	1.5794	0.6577	1.8640	0.5120	2.1766	0.3796	2.5061
13	1.0097	1.3404	0.8612	1.5621	0.7147	1.8159	0.5745	2.0943	0.4445	2.3897
14	1.0450	1.3503	0.9054	1.5507	0.7667	1.7788	0.6321	2.0296	0.5052	2.2959
15	1.0770	1.3605	0.9455	1.5432	0.8140	1.7501	0.6852	1.9774	0.5620	2.2198
16	1.1062	1.3709	0.9820	1.5386	0.8572	1.7277	0.7340	1.9351	0.6150	2.1567
17	1.1330	1.3812	1.0154	1.5361	0.8968	1.7101	0.7790	1.9005	0.6641	2.1041
18	1.1576	1.3913	1.0461	1.5353	0.9331	1.6961	0.8204	1.8719	0.7098	2.0600
19	1.1804	1.4012	1.0743	1.5355	0.9666	1.6851	0.8588	1.8482	0.7523	2.0226
20	1.2015	1.4107	1.1004	1.5367	0.9976	1.6763	0.8943	1.8283	0.7918	1.9908
21	1.2212	1.4200	1.1246	1.5385	1.0262	1.6694	0.9272	1.8116	0.8286	1.9635
22	1.2395	1.4289	1.1471	1.5408	1.0529	1.6640	0.9578	1.7974	0.8629	1.9400
23	1.2567	1.4375	1.1682	1.5435	1.0778	1.6597	0.9864	1.7855	0.8949	1.9196
24	1.2728	1.4458	1.1878	1.5464	1.1010	1.6565	1.0131	1.7753	0.9249	1.9018
25	1.2879	1.4537	1.2063	1.5495	1.1228	1.6540	1.0381	1.7666	0.9530	1.8863
26	1.3022	1.4614	1.2236	1.5528	1.1432	1.6523	1.0616	1.7591	0.9794	1.8727
27	1.3157	1.4688	1.2399	1.5562	1.1624	1.6510	1.0836	1.7527	1.0042	1.8608
28	1.3284	1.4759	1.2553	1.5596	1.1805	1.6503	1.1044	1.7473	1.0276	1.8502
29	1.3405	1.4828	1.2699	1.5631	1.1976	1.6499	1.1241	1.7426	1.0497	1.8409
30	1.3520	1.4894	1.2837	1.5666	1.2138	1.6498	1.1426	1.7386	1.0706	1.8326
31	1.3630	1.4957	1.2969	1.5701	1.2292	1.6500	1.1602	1.7352	1.0904	1.8252
32	1.3734	1.5019	1.3093	1.5736	1.2437	1.6505	1.1769	1.7323	1.1092	1.8187
33	1.3834	1.5078	1.3212	1.5770	1.2576	1.6511	1.1927	1.7298	1.1270	1.8128
34	1.3929	1.5136	1.3325	1.5805	1.2707	1.6519	1.2078	1.7277	1.1439	1.8076
35	1.4019	1.5191	1.3433	1.5838	1.2833	1.6528	1.2221	1.7259	1.1601	1.8029
36	1.4107	1.5245	1.3537	1.5872	1.2953	1.6539	1.2358	1.7245	1.1755	1.7987
37	1.4190	1.5297	1.3635	1.5904	1.3068	1.6550	1.2489	1.7233	1.1901	1.7950
38	1.4270	1.5348	1.3730	1.5937	1.3177	1.6563	1.2614	1.7223	1.2042	1.7916
39	1.4347	1.5396	1.3821	1.5969	1.3283	1.6575	1.2734	1.7215	1.2176	1.7886
40	1.4421	1.5444	1.3908	1.6000	1.3384	1.6589	1.2848	1.7209	1.2305	1.7859
41	1.4493	1.5490	1.3992	1.6031	1.3480	1.6603	1.2958	1.7205	1.2428	1.7835
42	1.4562	1.5534	1.4073	1.6061	1.3573	1.6617	1.3064	1.7202	1.2546	1.7814
43	1.4628	1.5577	1.4151	1.6091	1.3663	1.6632	1.3166	1.7200	1.2660	1.7794
44	1.4692	1.5619	1.4226	1.6120	1.3749	1.6647	1.3263	1.7200	1.2769	1.7777
45	1.4754	1.5660	1.4298	1.6148	1.3832	1.6662	1.3357	1.7200	1.2874	1.7762
46	1.4814	1.5700	1.4368	1.6176	1.3912	1.6677	1.3448	1.7201	1.2976	1.7748
47	1.4872	1.5739	1.4435	1.6204	1.3989	1.6692	1.3535	1.7203	1.3073	1.7736
48	1.4928	1.5776	1.4500	1.6231	1.4064	1.6708	1.3619	1.7206	1.3167	1.7725
49	1.4982	1.5813	1.4564	1.6257	1.4136	1.6723	1.3701	1.7210	1.3258	1.7716
50	1.5035	1.5849	1.4625	1.6283	1.4206	1.6739	1.3779	1.7214	1.3346	1.7708
51	1.5086	1.5884	1.4684	1.6309	1.4273	1.6754	1.3855	1.7218	1.3431	1.7701
52	1.5135	1.5917	1.4741	1.6334	1.4339	1.6769	1.3929	1.7223	1.3512	1.7694
53	1.5183	1.5951	1.4797	1.6359	1.4402	1.6785	1.4000	1.7228	1.3592	1.7689
54	1.5230	1.5983	1.4851	1.6383	1.4464	1.6800	1.4069	1.7234	1.3669	1.7684
55	1.5276	1.6014	1.4903	1.6406	1.4523	1.6815	1.4136	1.7240	1.3743	1.7681
56	1.5320	1.6045	1.4954	1.6430	1.4581	1.6830	1.4201	1.7246	1.3815	1.7678
57	1.5363	1.6075	1.5004	1.6452	1.4637	1.6845	1.4264	1.7253	1.3885	1.7675
58	1.5405	1.6105	1.5052	1.6475	1.4692	1.6860	1.4325	1.7259	1.3953	1.7673
59	1.5446	1.6134	1.5099	1.6497	1.4745	1.6875	1.4385	1.7266	1.4019	1.7672
60	1.5485	1.6162	1.5144	1.6518	1.4797	1.6889	1.4443	1.7274	1.4083	1.7671
61	1.5524	1.6189	1.5189	1.6540	1.4847	1.6904	1.4499	1.7281	1.4146	1.7671
62	1.5562	1.6216	1.5232	1.6561	1.4896	1.6918	1.4554	1.7288	1.4206	1.7671
63	1.5599	1.6243	1.5274	1.6581	1.4943	1.6932	1.4607	1.7296	1.4265	1.7671
64	1.5635	1.6268	1.5315	1.6601	1.4990	1.6946	1.4659	1.7303	1.4322	1.7672
65	1.5670	1.6294	1.5355	1.6621	1.5035	1.6960	1.4709	1.7311	1.4378	1.7673
66	1.5704	1.6318	1.5395	1.6640	1.5079	1.6974	1.4758	1.7319	1.4433	1.7675
67	1.5738	1.6343	1.5433	1.6660	1.5122	1.6988	1.4806	1.7327	1.4486	1.7676
68	1.5771	1.6367	1.5470	1.6678	1.5164	1.7001	1.4853	1.7335	1.4537	1.7678
69	1.5803	1.6390	1.5507	1.6697	1.5205	1.7015	1.4899	1.7343	1.4588	1.7680
70	1.5834	1.6413	1.5542	1.6715	1.5245	1.7028	1.4943	1.7351	1.4637	1.7683

Lampiran 8. 1 Data Waktu Sinyal Persimpangan CBD Emerald Bintaro

MONITORING ARUS LALU LINTAS TL DISCOVERY RESIDENCE					
FEBRUARI 2021					
TANGGAL 23-2-2021					
NO	ARAH DARI	JML DETIK MERAH	JML DETIK HIJAU	JAM PADAT LALIN	PANJANG ANTRIAN LAMPU MERAH
1	Graha Bintaro (Pagi)	117	62	07 00 - 07 30	25
		117	62	07 30 - 08 00	18
		117	62	08 00 - 08 30	20
		117	62	08 30 - 09 00	20
1	Graha Bintaro (Sore)	100	25	16 00-16 30	31
		100	25	16 30-17 00	28
		100	25	17 00-17 30	30
		100	25	17 30-18 00	35
2	Emerald/ Fresmarket (Pagi)	100	76	07 00 - 07 30	16
		100	76	07 30 - 08 00	22
		100	76	08 00 - 08 30	15
		100	76	08 30 - 09 00	26
2	Emerald View (Sore)	58	67	16 00-16 30	30
		58	67	16 30-17 00	35
		58	67	17 00-17 30	37
		58	67	17 30-18 00	30
3	Discovery Distric (Pagi)	155	57	07 00 - 07 30	11
		155	57	07 30 - 08 00	14
		155	57	08 00 - 08 30	12
		155	57	08 30 - 09 00	3
3	Discovery Distric (Sore)	109	16	16 00-16 30	12
		109	16	16 30-17 00	6
		109	16	17 00-17 30	15
		109	16	17 30-18 00	8

Sumber: Pengelola Kawasan Bintaro Jaya