

LAMPIRAN V

Lampiran 5 Hasil Analisis Tundaan dan Panjang Antrian Kendaraan Teoritis

Data Tundaan dan Panjang Antrian Hari ke 1 (Arah Timur ke Barat Pukul 06.00-09.00)

No.	Waktu Penutupan (WIB)	q (smp/jam)	t (menit)	ta (menit)	tb (menit)	Delay (Detik)	Qm (meter)
1	6:00:00	606	3,067	0,276	0,573	200,540	133,985
2	6:04:54	606	1,367	0,123	0,255	89,371	59,711
3	6:08:06	606	1,450	0,130	0,271	94,820	63,352
4	6:11:23	606	1,333	0,120	0,249	87,191	58,254
5	6:14:33	606	1,667	0,150	0,311	108,989	72,818
6	6:18:03	756,4	2,200	0,198	0,411	143,865	96,120
7	6:22:05	756,4	2,450	0,220	0,458	160,214	107,042
8	6:26:22	756,4	2,183	0,196	0,408	142,776	95,392
9	6:30:23	492	1,467	0,132	0,274	95,910	64,080
10	6:33:41	492	2,050	0,184	0,383	134,056	89,566
11	6:37:34	492	1,517	0,136	0,283	99,180	66,264
12	6:40:55	492	1,700	0,153	0,318	111,169	74,274
13	6:44:27	492	2,350	0,211	0,439	153,674	102,673
14	6:48:38	891,6	2,233	0,201	0,417	146,045	97,576
15	6:52:42	891,6	1,817	0,163	0,339	118,798	79,372
16	6:56:21	891,6	2,067	0,186	0,386	135,146	90,294
17	7:00:15	610,8	1,767	0,159	0,330	115,528	77,187
18	7:03:51	610,8	1,983	0,178	0,370	129,697	86,653
19	7:07:40	610,8	1,750	0,157	0,327	114,438	76,459
20	7:11:15	610,8	1,417	0,127	0,265	92,641	61,895
21	7:14:30	610,8	2,433	0,219	0,455	159,124	106,314
22	7:18:46	601,2	1,617	0,145	0,302	105,719	70,633
23	7:22:13	601,2	1,983	0,178	0,370	129,697	86,653
24	7:26:02	601,2	2,667	0,240	0,498	174,382	116,509
25	7:30:32	572,4	2,600	0,234	0,486	170,023	113,596
26	7:34:58	572,4	2,583	0,232	0,483	168,933	112,868
27	7:39:23	572,4	2,533	0,228	0,473	165,663	110,683
28	7:43:45	572,4	2,100	0,189	0,392	137,326	91,751
29	7:47:41	961,2	2,567	0,231	0,479	167,843	112,140
30	7:52:05	961,2	2,433	0,219	0,455	159,124	106,314
31	7:56:21	961,2	2,633	0,237	0,492	172,203	115,052
32	8:00:49	1080	2,500	0,225	0,467	163,483	109,227
33	8:05:09	1080	2,500	0,225	0,467	163,483	109,227
34	8:09:29	1080	2,433	0,219	0,455	159,124	106,314
35	8:13:45	1080	2,283	0,205	0,427	149,315	99,761
36	8:17:52	1193,2	2,333	0,210	0,436	152,585	101,945
37	8:22:02	1193,2	2,483	0,223	0,464	162,394	108,499
38	8:26:21	1193,2	2,850	0,256	0,532	186,371	124,519
39	8:31:02	1447,6	3,717	0,334	0,694	243,045	162,384
40	8:36:35	1447,6	3,833	0,345	0,716	250,675	167,481
41	8:42:15	1447,6	2,333	0,210	0,436	152,585	101,945

42	8:46:25	1204,4	3,133	0,282	0,585	204,899	136,898
43	8:51:23	1204,4	2,150	0,193	0,402	140,596	93,935
44	8:55:22	1204,4	2,367	0,213	0,442	154,764	103,401
45	8:59:34	1204,4	2,050	0,184	0,383	134,056	89,566

Data Tundaan dan Panjang Antrian Hari ke 1 (Arah Timur ke Barat Pukul 11.00-14.00)

No.	Waktu Penutupan (WIB)	q (smp/jam)	t (menit)	ta (menit)	tb (menit)	Delay (Detik)	Qm (meter)
1	11:00:00	1048	2,050	0,184	0,383	134,056	89,566
2	11:03:53	1048	2,383	0,214	0,445	155,854	104,130
3	11:08:06	1048	2,533	0,228	0,473	165,663	110,683
4	11:12:28	1048	2,067	0,186	0,386	135,146	90,294
5	11:16:22	897,6	1,833	0,165	0,342	119,888	80,100
6	11:20:02	897,6	2,700	0,243	0,504	176,562	117,965
7	11:24:34	897,6	1,683	0,151	0,314	110,079	73,546
8	11:28:05	897,6	2,300	0,207	0,430	150,405	100,489
9	11:32:13	1014,8	2,600	0,234	0,486	170,023	113,596
10	11:36:39	1014,8	2,400	0,216	0,448	156,944	104,858
11	11:40:53	1014,8	2,617	0,235	0,489	171,113	114,324
12	11:45:20	1014,8	1,983	0,178	0,370	129,697	86,653
13	11:49:09	890,8	2,333	0,210	0,436	152,585	101,945
14	11:53:19	890,8	2,767	0,249	0,517	180,922	120,878
15	11:57:55	890,8	2,833	0,255	0,529	185,281	123,790
16	12:02:35	913,2	2,483	0,223	0,464	162,394	108,499
17	12:06:54	913,2	1,967	0,177	0,367	128,607	85,925
18	12:10:42	913,2	2,250	0,202	0,420	147,135	98,304
19	12:14:47	913,2	2,917	0,262	0,545	190,731	127,431
20	12:19:32	542	2,567	0,231	0,479	167,843	112,140
21	12:23:56	542	1,800	0,162	0,336	117,708	78,643
22	12:27:34	542	2,267	0,204	0,423	148,225	99,032
23	12:31:40	618	2,317	0,208	0,433	151,495	101,217
24	12:35:49	618	1,467	0,132	0,274	95,910	64,080
25	12:39:07	618	2,350	0,211	0,439	153,674	102,673
26	12:43:18	618	2,200	0,198	0,411	143,865	96,120
27	12:47:20	790,4	3,017	0,271	0,563	197,270	131,800
28	12:52:11	790,4	2,500	0,225	0,467	163,483	109,227
29	12:56:31	790,4	2,867	0,258	0,535	187,461	125,247
30	13:01:13	801,2	2,617	0,235	0,489	171,113	114,324
31	13:05:40	801,2	1,617	0,145	0,302	105,719	70,633
32	13:09:07	801,2	1,667	0,150	0,311	108,989	72,818
33	13:12:37	801,2	2,283	0,205	0,427	149,315	99,761
34	13:16:44	838	2,167	0,195	0,405	141,686	94,663
35	13:20:44	838	2,800	0,252	0,523	183,101	122,334
36	13:25:22	838	2,167	0,195	0,405	141,686	94,663
37	13:29:22	838	1,583	0,142	0,296	103,539	69,177

38	13:32:47	960	2,317	0,208	0,433	151,495	101,217
39	13:36:56	960	1,917	0,172	0,358	125,337	83,741
40	13:40:41	960	1,883	0,169	0,352	123,158	82,284
41	13:44:24	960	2,133	0,192	0,398	139,506	93,207
42	13:48:22	956,8	2,083	0,187	0,389	136,236	91,022
43	13:52:17	956,8	2,533	0,228	0,473	165,663	110,683
44	13:56:39	956,8	2,833	0,255	0,529	185,281	123,790
45	14:01:19	956,8	2,967	0,267	0,554	194,000	129,616

Data Tundaan dan Panjang Antrian Hari ke 1 (Arah Timur ke Barat Pukul 15.00-18.00)

No.	Waktu Penutupan (WIB)	q (smp/jam)	t (menit)	ta (menit)	tb (menit)	Delay (Detik)	Qm (meter)
1	15:00:00	786,4	3,283	0,295	0,613	214,708	143,451
2	15:06:17	786,4	3,083	0,277	0,576	201,630	134,713
3	15:12:22	786,4	3,617	0,325	0,676	236,506	158,015
4	15:18:59	799,6	3,283	0,295	0,613	214,708	143,451
5	15:25:16	799,6	2,033	0,183	0,380	132,967	88,838
6	15:30:18	732,4	3,683	0,331	0,688	240,866	160,928
7	15:36:59	732,4	3,283	0,295	0,613	214,708	143,451
8	15:43:16	732,4	3,000	0,270	0,560	196,180	131,072
9	15:49:16	1199,2	2,533	0,228	0,473	165,663	110,683
10	15:54:48	1199,2	2,350	0,211	0,439	153,674	102,673
11	16:00:09	1199,2	3,233	0,291	0,604	211,439	141,267
12	16:06:23	856,4	3,250	0,292	0,607	212,528	141,995
13	16:12:38	856,4	4,850	0,436	0,906	317,158	211,900
14	16:20:29	1550,4	3,367	0,303	0,629	220,158	147,092
15	16:26:51	1550,4	2,783	0,250	0,520	182,012	121,606
16	16:32:38	828	2,717	0,244	0,507	177,652	118,693
17	16:38:21	828	2,617	0,235	0,489	171,113	114,324
18	16:43:58	828	2,833	0,255	0,529	185,281	123,790
19	16:49:48	1073,2	2,900	0,261	0,542	189,641	126,703
20	16:55:42	1073,2	3,517	0,316	0,657	229,967	153,646
21	17:02:13	1302,8	3,767	0,339	0,704	246,315	164,569
22	17:08:59	1302,8	4,400	0,396	0,822	287,731	192,239
23	17:16:23	991,6	3,617	0,325	0,676	236,506	158,015
24	17:23:00	991,6	3,133	0,282	0,585	204,899	136,898
25	17:29:08	991,6	3,767	0,339	0,704	246,315	164,569
26	17:35:54	804	4,133	0,372	0,772	270,293	180,588
27	17:43:02	804	2,867	0,258	0,535	187,461	125,247
28	17:48:54	801,2	3,483	0,313	0,651	227,787	152,189
29	17:55:23	801,2	2,750	0,247	0,514	179,832	120,150
30	18:01:08	801,2	3,950	0,355	0,738	258,304	172,579
31	18:08:05	801,2	3,417	0,307	0,638	223,427	149,277

Data Tundaan dan Panjang Antrian Hari ke 2 (Arah Timur ke Barat Pukul 06.00-09.00)

No.	Waktu Penutupan (WIB)	q (smp/jam)	t (menit)	ta (menit)	tb (menit)	Delay (Detik)	Qm (meter)
1	6:00:00	1073,2	4,133	0,372	0,772	270,293	180,588
2	6:05:38	1073,2	4,267	0,384	0,797	279,012	186,414
3	6:11:24	1073,2	4,117	0,370	0,769	269,203	179,860
4	6:17:01	1035,2	3,650	0,328	0,682	238,686	159,471
5	6:22:10	1035,2	3,017	0,271	0,563	197,270	131,800
6	6:26:41	1035,2	3,733	0,336	0,697	244,135	163,112
7	6:31:55	1141,2	2,500	0,225	0,467	163,483	109,227
8	6:35:55	1141,2	4,183	0,376	0,781	273,562	182,773
9	6:41:36	1141,2	3,650	0,328	0,682	238,686	159,471
10	6:46:45	1210,4	3,367	0,303	0,629	220,158	147,092
11	6:51:37	1210,4	3,933	0,354	0,735	257,214	171,850
12	6:57:03	1210,4	3,167	0,285	0,592	207,079	138,354
13	7:01:43	847,2	2,950	0,265	0,551	192,910	128,888
14	7:06:10	847,2	3,383	0,304	0,632	221,248	147,820
15	7:11:03	847,2	2,967	0,267	0,554	194,000	129,616
16	7:15:31	847,2	3,083	0,277	0,576	201,630	134,713
17	7:20:06	849,2	2,667	0,240	0,498	174,382	116,509
18	7:24:16	849,2	2,750	0,247	0,514	179,832	120,150
19	7:28:31	849,2	2,733	0,246	0,511	178,742	119,421
20	7:32:45	838,4	2,817	0,253	0,526	184,191	123,062
21	7:37:04	838,4	2,667	0,240	0,498	174,382	116,509
22	7:41:14	838,4	2,750	0,247	0,514	179,832	120,150
23	7:45:29	838,4	2,633	0,237	0,492	172,203	115,052
24	7:49:37	670,4	3,250	0,292	0,607	212,528	141,995
25	7:54:22	670,4	2,167	0,195	0,405	141,686	94,663
26	7:58:02	670,4	2,833	0,255	0,529	185,281	123,790
27	8:02:22	714,8	1,867	0,168	0,349	122,068	81,556
28	8:05:44	714,8	3,967	0,357	0,741	259,394	173,307
29	8:11:12	714,8	3,650	0,328	0,682	238,686	159,471
30	8:16:21	748	2,683	0,241	0,501	175,472	117,237
31	8:20:32	748	2,850	0,256	0,532	186,371	124,519
32	8:24:53	748	3,000	0,270	0,560	196,180	131,072
33	8:29:23	748	3,500	0,315	0,654	228,877	152,918
34	8:34:23	849,2	4,000	0,360	0,747	261,573	174,763
35	8:39:53	849,2	3,500	0,315	0,654	228,877	152,918
36	8:44:53	849,2	3,400	0,306	0,635	222,337	148,549
37	8:49:47	653,6	2,850	0,256	0,532	186,371	124,519
38	8:54:08	653,6	3,183	0,286	0,595	208,169	139,082
39	8:58:49	653,6	2,617	0,235	0,489	171,113	114,324
40	9:02:56	653,6	2,150	0,193	0,402	140,596	93,935
41	9:06:35	653,6	2,667	0,240	0,498	174,382	116,509

Data Tundaan dan Panjang Antrian Hari ke 2 (Arah Timur ke Barat Pukul 11.00-14.00)

No.	Waktu Penutupan (WIB)	q (smp/jam)	t (menit)	ta (menit)	tb (menit)	Delay (Detik)	Qm (meter)
1	11:00:00	924,8	2,783	0,250	0,520	182,012	121,606
2	11:04:37	924,8	3,083	0,277	0,576	201,630	134,713
3	11:09:32	924,8	3,000	0,270	0,560	196,180	131,072
4	11:14:22	924,8	2,633	0,237	0,492	172,203	115,052
5	11:18:50	908	3,833	0,345	0,716	250,675	167,481
6	11:24:30	908	2,750	0,247	0,514	179,832	120,150
7	11:29:05	908	2,867	0,258	0,535	187,461	125,247
8	11:33:47	873,6	2,717	0,244	0,507	177,652	118,693
9	11:38:20	873,6	2,600	0,234	0,486	170,023	113,596
10	11:42:46	873,6	3,200	0,288	0,598	209,259	139,810
11	11:47:48	638,8	2,850	0,256	0,532	186,371	124,519
12	11:52:29	638,8	1,833	0,165	0,342	119,888	80,100
13	11:56:09	638,8	2,067	0,186	0,386	135,146	90,294
14	12:00:03	906	1,783	0,160	0,333	116,618	77,915
15	12:03:40	906	1,933	0,174	0,361	126,427	84,469
16	12:07:26	906	2,783	0,250	0,520	182,012	121,606
17	12:12:03	906	2,483	0,223	0,464	162,394	108,499
18	12:16:22	707,2	2,067	0,186	0,386	135,146	90,294
19	12:20:16	707,2	2,950	0,265	0,551	192,910	128,888
20	12:25:03	707,2	2,333	0,210	0,436	152,585	101,945
21	12:29:13	707,2	2,967	0,267	0,554	194,000	129,616
22	12:34:01	1134,8	1,500	0,135	0,280	98,090	65,536
23	12:37:21	1134,8	2,083	0,187	0,389	136,236	91,022
24	12:41:16	1134,8	2,733	0,246	0,511	178,742	119,421
25	12:45:50	917,6	2,733	0,246	0,511	178,742	119,421
26	12:50:24	917,6	3,433	0,309	0,641	224,517	150,005
27	12:55:40	917,6	3,033	0,273	0,567	198,360	132,529
28	13:00:32	550,8	2,267	0,204	0,423	148,225	99,032
29	13:04:38	550,8	2,250	0,202	0,420	147,135	98,304
30	13:08:43	550,8	2,800	0,252	0,523	183,101	122,334
31	13:13:21	550,8	3,133	0,282	0,585	204,899	136,898
32	13:18:19	572,4	3,267	0,294	0,610	213,618	142,723
33	13:23:25	572,4	3,983	0,358	0,744	260,484	174,035
34	13:29:14	572,4	2,900	0,261	0,542	189,641	126,703
35	13:33:58	684,8	1,950	0,175	0,364	127,517	85,197
36	13:37:45	684,8	2,017	0,181	0,377	131,877	88,110
37	13:41:36	684,8	2,000	0,180	0,374	130,787	87,382
38	13:45:26	684,8	2,333	0,210	0,436	152,585	101,945
39	13:49:36	772	3,050	0,274	0,570	199,450	133,257
40	13:54:29	772	2,767	0,249	0,517	180,922	120,878
41	13:59:05	772	2,267	0,204	0,423	148,225	99,032
42	14:03:11	772	2,900	0,261	0,542	189,641	126,703

43	14:07:55	772	3,100	0,279	0,579	202,719	135,441
44	14:12:51	772	2,333	0,210	0,436	152,585	101,945

Data Tundaan dan Panjang Antrian Hari ke 2 (Arah Timur ke Barat Pukul 15.00-18.00)

No.	Waktu Penutupan (WIB)	q (smp/jam)	t (menit)	ta (menit)	tb (menit)	Delay (Detik)	Qm (meter)
1	15:00:00	1520,8	3,950	0,355	0,738	258,304	172,579
2	15:05:47	1520,8	3,350	0,301	0,626	219,068	146,364
3	15:10:58	1520,8	4,017	0,361	0,750	262,663	175,491
4	15:16:49	1093,6	4,917	0,442	0,918	321,517	214,813
5	15:23:34	1093,6	3,183	0,286	0,595	208,169	139,082
6	15:28:35	1093,6	3,800	0,342	0,710	248,495	166,025
7	15:34:13	1583,2	4,667	0,419	0,872	305,169	203,890
8	15:40:43	1583,2	3,183	0,286	0,595	208,169	139,082
9	15:45:44	1583,2	3,150	0,283	0,588	205,989	137,626
10	15:50:43	1023,2	2,900	0,261	0,542	189,641	126,703
11	15:55:27	1023,2	3,317	0,298	0,620	216,888	144,908
12	16:00:36	1404	2,583	0,232	0,483	168,933	112,868
13	16:05:01	1404	3,783	0,340	0,707	247,405	165,297
14	16:10:38	1404	4,267	0,384	0,797	279,012	186,414
15	16:16:44	1541,2	4,350	0,391	0,813	284,461	190,055
16	16:22:55	1541,2	2,983	0,268	0,557	195,090	130,344
17	16:27:44	1541,2	3,367	0,303	0,629	220,158	147,092
18	16:32:56	1409,2	3,317	0,298	0,620	216,888	144,908
19	16:38:05	1409,2	4,050	0,364	0,757	264,843	176,948
20	16:43:58	1409,2	4,933	0,443	0,921	322,607	215,541
21	16:50:44	1375,2	3,883	0,349	0,725	253,944	169,666
22	16:56:27	1375,2	3,783	0,340	0,707	247,405	165,297
23	17:02:04	986,4	2,683	0,241	0,501	175,472	117,237
24	17:06:35	986,4	4,533	0,407	0,847	296,450	198,065
25	17:12:57	986,4	3,900	0,351	0,728	255,034	170,394
26	17:18:41	1273,2	3,883	0,349	0,725	253,944	169,666
27	17:24:24	1273,2	2,267	0,204	0,423	148,225	99,032
28	17:28:30	1273,2	2,417	0,217	0,451	158,034	105,586
29	17:32:45	995,2	3,033	0,273	0,567	198,360	132,529
30	17:37:37	995,2	2,817	0,253	0,526	184,191	123,062
31	17:42:16	995,2	3,633	0,327	0,679	237,596	158,743
32	17:47:44	872,4	3,383	0,304	0,632	221,248	147,820
33	17:52:57	872,4	3,250	0,292	0,607	212,528	141,995
34	17:58:02	872,4	2,883	0,259	0,539	188,551	125,975
35	18:02:45	872,4	3,467	0,312	0,648	226,697	151,461
36	18:08:03	872,4	3,317	0,298	0,620	216,888	144,908

Data Tundaan dan Panjang Antrian Hari ke 1 (Arah Barat ke Timur Pukul 06.00-09.00)

No.	Waktu Penutupan (WIB)	q (smp/jam)	t (menit)	ta (menit)	tb (menit)	Delay (Detik)	Qm (meter)
1	6:03:35	659,6	2,583	0,232	0,483	168,933	112,868
2	6:06:53	659,6	2,300	0,207	0,430	150,405	100,489
3	6:10:23	659,6	2,500	0,225	0,467	163,483	109,227
4	6:13:54	659,6	2,517	0,226	0,470	164,573	109,955
5	6:17:51	690	2,950	0,265	0,551	192,910	128,888
6	6:22:18	690	3,450	0,310	0,644	225,607	150,733
7	6:25:10	690	1,867	0,168	0,349	122,068	81,556
8	6:28:12	690	2,033	0,183	0,380	132,967	88,838
9	6:31:11	575,6	1,983	0,178	0,370	129,697	86,653
10	6:34:26	575,6	2,250	0,202	0,420	147,135	98,304
11	6:37:45	575,6	2,317	0,208	0,433	151,495	101,217
12	6:42:16	575,6	3,517	0,316	0,657	229,967	153,646
13	6:46:07	699,6	2,850	0,256	0,532	186,371	124,519
14	6:49:03	699,6	1,933	0,174	0,361	126,427	84,469
15	6:52:50	699,6	2,783	0,250	0,520	182,012	121,606
16	6:55:58	699,6	2,133	0,192	0,398	139,506	93,207
17	6:59:02	699,6	2,067	0,186	0,386	135,146	90,294
18	7:03:17	562,8	3,250	0,292	0,607	212,528	141,995
19	7:06:25	562,8	2,133	0,192	0,398	139,506	93,207
20	7:11:43	562,8	4,300	0,387	0,803	281,191	187,870
21	7:15:42	562,8	2,983	0,268	0,557	195,090	130,344
22	7:19:38	877,2	2,933	0,264	0,548	191,821	128,160
23	7:23:39	877,2	3,017	0,271	0,563	197,270	131,800
24	7:27:35	877,2	2,933	0,264	0,548	191,821	128,160
25	7:31:33	912	2,967	0,267	0,554	194,000	129,616
26	7:35:36	912	3,050	0,274	0,570	199,450	133,257
27	7:39:42	912	3,100	0,279	0,579	202,719	135,441
28	7:43:32	912	2,833	0,255	0,529	185,281	123,790
29	7:48:46	859,2	4,233	0,381	0,791	276,832	184,958
30	7:53:12	859,2	3,433	0,309	0,641	224,517	150,005
31	7:57:56	859,2	3,733	0,336	0,697	244,135	163,112
32	8:02:35	1389,2	3,650	0,328	0,682	238,686	159,471
33	8:07:30	1389,2	3,917	0,352	0,732	256,124	171,122
34	8:11:46	1389,2	3,267	0,294	0,610	213,618	142,723
35	8:16:10	1341,6	3,400	0,306	0,635	222,337	148,549
36	8:20:35	1341,6	3,417	0,307	0,638	223,427	149,277
37	8:25:08	1341,6	3,550	0,319	0,663	232,146	155,102
38	8:30:10	1341,6	4,033	0,363	0,753	263,753	176,219
39	8:35:54	1114,4	4,733	0,425	0,884	309,529	206,803
40	8:40:40	1114,4	3,767	0,339	0,704	246,315	164,569
41	8:45:15	1114,4	3,583	0,322	0,669	234,326	156,559
42	8:50:01	816	3,767	0,339	0,704	246,315	164,569

43	8:54:38	816	3,617	0,325	0,676	236,506	158,015
44	8:59:09	816	3,517	0,316	0,657	229,967	153,646
45	9:03:50	816	3,683	0,331	0,688	240,866	160,928

Data Tundaan dan Panjang Antrian Hari ke 1 (Arah Barat ke Timur Pukul 11.00-14.00)

No.	Waktu Penutupan (WIB)	q (smp/jam)	t (menit)	ta (menit)	tb (menit)	Delay (Detik)	Qm (meter)
1	11:03:23	1052	2,383	0,214	0,445	155,854	104,130
2	11:08:09	1052	3,767	0,339	0,704	246,315	164,569
3	11:12:22	1052	3,217	0,289	0,601	210,349	140,539
4	11:17:02	936,8	3,667	0,330	0,685	239,776	160,199
5	11:21:29	936,8	3,450	0,310	0,644	225,607	150,733
6	11:25:08	936,8	2,650	0,238	0,495	173,292	115,781
7	11:27:54	936,8	1,767	0,159	0,330	115,528	77,187
8	11:32:12	972,4	3,300	0,297	0,616	215,798	144,180
9	11:37:09	972,4	3,950	0,355	0,738	258,304	172,579
10	11:41:27	972,4	3,300	0,297	0,616	215,798	144,180
11	11:46:05	842	3,633	0,327	0,679	237,596	158,743
12	11:50:46	842	3,683	0,331	0,688	240,866	160,928
13	11:54:28	842	2,700	0,243	0,504	176,562	117,965
14	11:58:46	842	3,300	0,297	0,616	215,798	144,180
15	12:03:28	914,4	3,700	0,333	0,691	241,955	161,656
16	12:08:05	914,4	3,617	0,325	0,676	236,506	158,015
17	12:11:51	914,4	2,767	0,249	0,517	180,922	120,878
18	12:15:26	682,8	2,583	0,232	0,483	168,933	112,868
19	12:20:09	682,8	3,717	0,334	0,694	243,045	162,384
20	12:24:11	682,8	3,033	0,273	0,567	198,360	132,529
21	12:28:06	682,8	2,917	0,262	0,545	190,731	127,431
22	12:31:50	889,6	2,733	0,246	0,511	178,742	119,421
23	12:35:56	889,6	3,100	0,279	0,579	202,719	135,441
24	12:39:05	889,6	2,150	0,193	0,402	140,596	93,935
25	12:43:47	889,6	3,700	0,333	0,691	241,955	161,656
26	12:48:17	1033,6	3,500	0,315	0,654	228,877	152,918
27	12:52:44	1033,6	3,450	0,310	0,644	225,607	150,733
28	12:57:14	1033,6	3,500	0,315	0,654	228,877	152,918
29	13:01:50	498	3,600	0,324	0,672	235,416	157,287
30	13:05:47	498	2,950	0,265	0,551	192,910	128,888
31	13:09:46	498	2,983	0,268	0,557	195,090	130,344
32	13:13:09	498	2,383	0,214	0,445	155,854	104,130
33	13:16:24	897,2	2,250	0,202	0,420	147,135	98,304
34	13:20:47	897,2	3,383	0,304	0,632	221,248	147,820
35	13:25:31	897,2	3,733	0,336	0,697	244,135	163,112
36	13:29:22	897,2	2,850	0,256	0,532	186,371	124,519
37	13:32:50	960,4	2,467	0,222	0,461	161,304	107,771
38	13:37:25	960,4	3,583	0,322	0,669	234,326	156,559

39	13:42:01	960,4	3,600	0,324	0,672	235,416	157,287
40	13:46:19	1063,2	3,300	0,297	0,616	215,798	144,180
41	13:49:51	1063,2	2,533	0,228	0,473	165,663	110,683
42	13:54:01	1063,2	3,167	0,285	0,592	207,079	138,354
43	13:57:34	1063,2	2,550	0,229	0,476	166,753	111,411
44	14:02:13	1063,2	3,650	0,328	0,682	238,686	159,471
45	14:06:54	1063,2	3,683	0,331	0,688	240,866	160,928

Data Tundaan dan Panjang Antrian Hari ke 1 (Arah Barat ke Timur Pukul 15.00-18.00)

No.	Waktu Penutupan (WIB)	q (smp/jam)	t (menit)	ta (menit)	tb (menit)	Delay (Detik)	Qm (meter)
1	15:06:12	788,4	4,200	0,378	0,785	274,652	183,501
2	15:11:46	788,4	3,567	0,321	0,666	233,236	155,830
3	15:17:33	883,2	3,783	0,340	0,707	247,405	165,297
4	15:23:47	883,2	4,233	0,381	0,791	276,832	184,958
5	15:30:01	883,2	4,233	0,381	0,791	276,832	184,958
6	15:36:09	793,6	4,133	0,372	0,772	270,293	180,588
7	15:42:35	793,6	4,433	0,399	0,828	289,911	193,696
8	15:48:35	1066,8	4,000	0,360	0,747	261,573	174,763
9	15:54:41	1066,8	4,100	0,369	0,766	268,113	179,132
10	16:00:24	1066,8	3,717	0,334	0,694	243,045	162,384
11	16:05:37	1348,4	3,217	0,289	0,601	210,349	140,539
12	16:10:33	1348,4	2,933	0,264	0,548	191,821	128,160
13	16:18:45	1348,8	6,200	0,557	1,158	405,439	270,883
14	16:25:50	1348,8	5,083	0,457	0,950	332,416	222,095
15	16:32:24	1043,2	4,567	0,410	0,853	298,630	199,521
16	16:37:18	1043,2	2,900	0,261	0,542	189,641	126,703
17	16:41:49	1043,2	2,517	0,226	0,470	164,573	109,955
18	16:47:07	1303,2	3,300	0,297	0,616	215,798	144,180
19	16:52:46	1303,2	3,650	0,328	0,682	238,686	159,471
20	16:57:52	1303,2	3,100	0,279	0,579	202,719	135,441
21	17:05:49	1431,6	5,950	0,535	1,111	389,091	259,960
22	17:12:49	1431,6	5,000	0,449	0,934	326,967	218,454
23	17:18:46	1080	3,950	0,355	0,738	258,304	172,579
24	17:25:13	1080	4,450	0,400	0,831	291,000	194,424
25	17:30:58	1080	3,750	0,337	0,700	245,225	163,840
26	17:38:19	1126,8	5,350	0,481	0,999	349,855	233,746
27	17:44:44	1126,8	4,417	0,397	0,825	288,821	192,968
28	17:50:42	989,2	3,967	0,357	0,741	259,394	173,307
29	17:56:45	989,2	4,050	0,364	0,757	264,843	176,948
30	18:01:44	989,2	2,983	0,268	0,557	195,090	130,344
31	18:07:30	989,2	3,767	0,339	0,704	246,315	164,569

Data Tundaan dan Panjang Antrian Hari ke 2 (Arah Barat Ke Timur Pukul 06.00-09.00)

No.	Waktu Penutupan (WIB)	q (smp/jam)	t (menit)	ta (menit)	tb (menit)	Delay (Detik)	Qm (meter)
1	6:05:09	1290,8	3,650	0,328	0,682	238,686	159,471
2	6:10:05	1290,8	3,433	0,309	0,641	224,517	150,005
3	6:14:55	1290,8	3,333	0,300	0,623	217,978	145,636
4	6:20:55	1398,8	4,500	0,405	0,841	294,270	196,608
5	6:25:25	1398,8	3,000	0,270	0,560	196,180	131,072
6	6:30:16	1398,8	3,350	0,301	0,626	219,068	146,364
7	6:34:26	1260,4	2,667	0,240	0,498	174,382	116,509
8	6:40:17	1260,4	4,350	0,391	0,813	284,461	190,055
9	6:45:27	1169,2	3,667	0,330	0,685	239,776	160,199
10	6:49:50	1169,2	2,883	0,259	0,539	188,551	125,975
11	6:54:29	1169,2	3,150	0,283	0,588	205,989	137,626
12	7:00:00	1169,2	4,017	0,361	0,750	262,663	175,491
13	7:04:44	1007,2	3,233	0,291	0,604	211,439	141,267
14	7:09:34	1007,2	3,333	0,300	0,623	217,978	145,636
15	7:14:09	1007,2	3,083	0,277	0,576	201,630	134,713
16	7:18:47	915,2	3,133	0,282	0,585	204,899	136,898
17	7:22:44	915,2	2,450	0,220	0,458	160,214	107,042
18	7:26:44	915,2	2,500	0,225	0,467	163,483	109,227
19	7:30:31	915,2	2,283	0,205	0,427	149,315	99,761
20	7:34:59	1327,6	2,967	0,267	0,554	194,000	129,616
21	7:39:32	1327,6	3,050	0,274	0,570	199,450	133,257
22	7:42:34	1327,6	1,533	0,138	0,286	100,270	66,993
23	7:47:00	1261,2	2,933	0,264	0,548	191,821	128,160
24	7:51:11	1261,2	2,683	0,241	0,501	175,472	117,237
25	7:55:42	1261,2	3,017	0,271	0,563	197,270	131,800
26	8:00:55	1134	3,717	0,334	0,694	243,045	162,384
27	8:05:24	1134	2,983	0,268	0,557	195,090	130,344
28	8:09:23	1134	2,483	0,223	0,464	162,394	108,499
29	8:13:59	1134	3,100	0,279	0,579	202,719	135,441
30	8:19:07	1340	3,633	0,327	0,679	237,596	158,743
31	8:23:04	1340	2,450	0,220	0,458	160,214	107,042
32	8:27:26	1340	2,867	0,258	0,535	187,461	125,247
33	8:31:26	1525,6	2,500	0,225	0,467	163,483	109,227
34	8:36:47	1525,6	3,850	0,346	0,719	251,764	168,209
35	8:42:51	1525,6	4,567	0,410	0,853	298,630	199,521
36	8:47:57	1343,2	3,600	0,324	0,672	235,416	157,287
37	8:53:49	1343,2	4,367	0,393	0,816	285,551	190,783
38	8:58:41	1343,2	3,367	0,303	0,629	220,158	147,092
39	9:02:59	1343,2	2,800	0,252	0,523	183,101	122,334
40	9:07:35	1343,2	3,100	0,279	0,579	202,719	135,441
41	9:11:55	1343,2	2,833	0,255	0,529	185,281	123,790

Data Tundaan dan Panjang Antrian Hari ke 2 (Arah Barat Ke Timur Pukul 11.00-14.00)

No.	Waktu Penutupan (WIB)	q (smp/jam)	t (menit)	ta (menit)	tb (menit)	Delay (Detik)	Qm (meter)
1	11:04:54	612,4	3,400	0,306	0,635	222,337	148,549
2	11:09:33	612,4	3,150	0,283	0,588	205,989	137,626
3	11:14:24	612,4	3,350	0,301	0,626	219,068	146,364
4	11:19:39	797,2	3,750	0,337	0,700	245,225	163,840
5	11:24:04	797,2	2,917	0,262	0,545	190,731	127,431
6	11:29:04	797,2	3,500	0,315	0,654	228,877	152,918
7	11:33:43	658,4	3,150	0,283	0,588	205,989	137,626
8	11:38:24	658,4	3,183	0,286	0,595	208,169	139,082
9	11:43:25	658,4	3,517	0,316	0,657	229,967	153,646
10	11:47:29	630	2,567	0,231	0,479	167,843	112,140
11	11:51:37	630	2,633	0,237	0,492	172,203	115,052
12	11:55:42	630	2,583	0,232	0,483	168,933	112,868
13	11:59:29	630	2,283	0,205	0,427	149,315	99,761
14	12:03:09	681,2	2,167	0,195	0,405	141,686	94,663
15	12:08:12	681,2	3,550	0,319	0,663	232,146	155,102
16	12:12:17	681,2	2,583	0,232	0,483	168,933	112,868
17	12:16:34	856,8	2,783	0,250	0,520	182,012	121,606
18	12:20:51	856,8	2,783	0,250	0,520	182,012	121,606
19	12:25:20	856,8	2,983	0,268	0,557	195,090	130,344
20	12:30:54	836,8	4,067	0,366	0,760	265,933	177,676
21	12:35:14	836,8	2,833	0,255	0,529	185,281	123,790
22	12:39:17	836,8	2,550	0,229	0,476	166,753	111,411
23	12:43:55	836,8	3,133	0,282	0,585	204,899	136,898
24	12:47:59	1138	2,567	0,231	0,479	167,843	112,140
25	12:54:23	1138	4,900	0,440	0,915	320,427	214,085
26	12:58:28	1138	2,583	0,232	0,483	168,933	112,868
27	13:02:38	1025,6	2,667	0,240	0,498	174,382	116,509
28	13:06:42	1025,6	2,567	0,231	0,479	167,843	112,140
29	13:10:57	1025,6	2,750	0,247	0,514	179,832	120,150
30	13:16:15	881,6	3,800	0,342	0,710	248,495	166,025
31	13:20:42	881,6	2,950	0,265	0,551	192,910	128,888
32	13:25:26	881,6	3,233	0,291	0,604	211,439	141,267
33	13:29:43	881,6	2,783	0,250	0,520	182,012	121,606
34	13:34:02	935,6	2,817	0,253	0,526	184,191	123,062
35	13:37:33	935,6	2,017	0,181	0,377	131,877	88,110
36	13:41:18	935,6	2,250	0,202	0,420	147,135	98,304
37	13:45:14	935,6	2,433	0,219	0,455	159,124	106,314
38	13:50:07	1124,4	3,383	0,304	0,632	221,248	147,820
39	13:54:30	1124,4	2,883	0,259	0,539	188,551	125,975
40	13:58:14	1124,4	2,233	0,201	0,417	146,045	97,576
41	14:03:04	1124,4	3,333	0,300	0,623	217,978	145,636
42	14:07:42	1124,4	3,133	0,282	0,585	204,899	136,898

43	14:12:21	1124,4	3,150	0,283	0,588	205,989	137,626
44	14:16:50	1124,4	2,983	0,268	0,557	195,090	130,344

Data Tundaan dan Panjang Antrian Hari ke 2 (Arah Barat Ke Timur Pukul 15.00-18.00)

No.	Waktu Penutupan (WIB)	q (smp/jam)	t (menit)	ta (menit)	tb (menit)	Delay (Detik)	Qm (meter)
1	15:04:53	1105,2	3,050	0,274	0,570	199,450	133,257
2	15:10:20	1105,2	3,617	0,325	0,676	236,506	158,015
3	15:16:45	685,2	4,583	0,412	0,856	299,720	200,249
4	15:22:44	685,2	4,150	0,373	0,775	271,382	181,317
5	15:28:12	685,2	3,633	0,327	0,679	237,596	158,743
6	15:34:50	1137,2	4,800	0,431	0,897	313,888	209,716
7	15:40:42	1137,2	4,033	0,363	0,753	263,753	176,219
8	15:45:50	928,4	3,300	0,297	0,616	215,798	144,180
9	15:51:03	928,4	3,383	0,304	0,632	221,248	147,820
10	15:56:26	928,4	3,550	0,319	0,663	232,146	155,102
11	16:01:33	764,8	3,283	0,295	0,613	214,708	143,451
12	16:06:34	764,8	3,183	0,286	0,595	208,169	139,082
13	16:10:52	764,8	2,467	0,222	0,461	161,304	107,771
14	16:16:07	905,6	3,417	0,307	0,638	223,427	149,277
15	16:22:15	905,6	4,300	0,387	0,803	281,191	187,870
16	16:27:36	905,6	3,517	0,316	0,657	229,967	153,646
17	16:32:37	996,4	3,183	0,286	0,595	208,169	139,082
18	16:37:13	996,4	2,767	0,249	0,517	180,922	120,878
19	16:42:29	996,4	3,433	0,309	0,641	224,517	150,005
20	16:48:06	1000,4	3,783	0,340	0,707	247,405	165,297
21	16:54:06	1000,4	4,167	0,375	0,778	272,472	182,045
22	16:59:36	1000,4	3,667	0,330	0,685	239,776	160,199
23	17:04:15	1080	2,817	0,253	0,526	184,191	123,062
24	17:09:07	1080	3,033	0,273	0,567	198,360	132,529
25	17:15:13	1080	4,267	0,384	0,797	279,012	186,414
26	17:21:01	807,6	3,967	0,357	0,741	259,394	173,307
27	17:26:17	807,6	3,433	0,309	0,641	224,517	150,005
28	17:30:36	807,6	2,483	0,223	0,464	162,394	108,499
29	17:35:42	648,8	3,267	0,294	0,610	213,618	142,723
30	17:40:19	648,8	2,783	0,250	0,520	182,012	121,606
31	17:46:03	735,6	3,900	0,351	0,728	255,034	170,394
32	17:51:38	735,6	3,750	0,337	0,700	245,225	163,840
33	17:56:51	735,6	3,383	0,304	0,632	221,248	147,820
34	18:01:38	735,6	2,950	0,265	0,551	192,910	128,888
35	18:07:12	735,6	3,733	0,336	0,697	244,135	163,112
36	18:12:40	735,6	3,633	0,327	0,679	237,596	158,743