

**Lampiran 1. Arus Lalu Lintas Jalan *Boulevard* Timur (Senin, 23 Maret 2015)**

Periode waktu	LV	MC	Total	
	(Kend)	(Kend)	Kend/15 menit	Kend/jam
07.30 - 07.45	63	352	415	
07.45 - 08.00	91	519	610	
08.00 - 08.15	86	491	577	
08.15 - 08.30	52	406	458	2060
08.30 - 08.45	69	615	684	2329
08.45 - 09.00	46	447	493	2212
09.00 - 09.15	51	358	409	2044
09.15 - 09.30	51	640	691	2277
09.30 - 09.45	76	677	753	2346
09.45 -10.00	76	413	489	2342
10.00 - 10.15	88	416	504	2437
10.15 - 10.30	43	571	614	2360
10.30 - 10.45	50	390	440	2047
10.45 - 11.00	32	278	310	1868
11.00 - 11.15	37	263	300	1664
11.15 - 11.30	22	222	244	1294
11.30 - 11.45	36	222	258	1112
11.45 -12.00	34	319	353	1155
12.00 - 12.15	38	355	393	1248
12.15 - 12.30	40	581	621	1625
12.30 - 12.45	48	821	869	2236
12.45 - 13.00	65	788	853	2736
13.00 - 13.15	27	528	555	2898
13.15 -13.30	41	281	322	2599

**Lampiran 2. Lanjutan Arus Lalu Lintas Jalan *Boulevard Timur* (Senin, 23 Maret 2015)**

Periode waktu	LV	MC	Total	
	(Kend)	(Kend)	Kend/15 menit	Kend/jam
13.30 - 13.45	37	196	233	1963
13.45 -14.00	30	201	231	1341
14.00 - 14.15	37	235	272	1058
14.15 - 14.30	28	290	318	1054
14.30 -14.45	36	302	338	1159
14.45 - 15.00	40	363	403	1331
15.00 -15.15	16	404	420	1479
15.15 -15.30	30	634	664	1825
15.30 - 15.45	32	264	296	1783
15.45 - 16.00	28	251	279	1659
16.00 - 16.15	14	184	198	1437
16.15 - 16.30	28	198	226	999

Keterangan:

LV = *Light Vehicle* (kendaraan ringan)

MC = *Motorcycle* (sepeda motor)

**Lampiran 3. Arus Lalu Lintas Jalan *Boulevard* Barat (Senin, 23 Maret 2015)**

Periode Waktu	LV	MC	Total	
	(Kend)	(Kend)	Kend/15 menit	Kend/Jam
07.30 - 07.45	15	132	147	
07.45 - 08.00	24	98	122	
08.00 - 08.15	27	110	137	
08.15 - 08.30	22	112	134	540
08.30 - 08.45	18	240	258	651
08.45 - 09.00	40	503	543	1072
09.00 - 09.15	15	303	318	1253
09.15 - 09.30	28	299	327	1446
09.30 - 09.45	42	405	447	1635
09.45 -10.00	54	431	485	1577
10.00 - 10.15	60	308	368	1627
10.15 - 10.30	46	399	445	1745
10.30 - 10.45	49	514	563	1861
10.45 - 11.00	52	360	412	1788
11.00 - 11.15	40	587	627	2047
11.15 - 11.30	43	375	418	2020
11.30 - 11.45	53	427	480	1457
11.45 -12.00	49	666	715	1760
12.00 - 12.15	66	705	771	1904
12.15 - 12.30	64	542	606	2092
12.30 - 12.45	45	364	409	2501
12.45 - 13.00	35	358	393	2179
13.00 - 13.15	39	354	393	1801
13.15 -13.30	36	250	286	1481

**Lampiran 4. Lanjutan Arus Lalu Lintas Jalan *Boulevard Barat* (Senin, 23 Maret 2015)**

Periode waktu	LV	MC	Total	
	(Kend)	(Kend)	Kend/15 menit	Kend/jam
13.30 - 13.45	50	222	272	1344
13.45 -14.00	41	332	373	1324
14.00 - 14.15	43	375	418	1349
14.15 - 14.30	71	625	696	1759
14.30 -14.45	87	759	846	2333
14.45 - 15.00	96	855	951	2911
15.00 -15.15	49	751	800	3293
15.15 -15.30	61	553	614	3211
15.30 - 15.45	58	571	629	2994
15.45 - 16.00	58	461	519	2562
16.00 - 16.15	90	706	796	2558
16.15 - 16.30	61	689	750	2694

Keterangan:

LV = *Light Vehicle*(kendaraan ringan)

MC = *Motorcycle*(sepeda motor)

**Lampiran 5. Arus Lalu Jalan D3 Ekonomi (Senin, 23 Maret 2015)**

Periode Waktu	LV	MC	Total	
	(Kend)	(Kend)	Kend/15 menit	Kend/Jam
07.30 - 07.45	20	225	245	
07.45 - 08.00	36	292	328	
08.00 - 08.15	39	214	253	
08.15 - 08.30	17	224	241	1067
08.30 - 08.45	35	364	399	1221
08.45 - 09.00	23	306	329	1222
09.00 - 09.15	22	220	242	1211
09.15 - 09.30	29	400	429	1399
09.30 - 09.45	26	373	399	1399
09.45 -10.00	28	239	267	1337
10.00 - 10.15	34	285	319	1414
10.15 - 10.30	36	375	411	1396
10.30 - 10.45	10	228	238	1235
10.45 - 11.00	25	171	196	1164
11.00 - 11.15	20	152	172	1017
11.15 - 11.30	9	83	92	698
11.30 - 11.45	26	234	260	720
11.45 -12.00	8	166	174	698
12.00 - 12.15	24	344	368	894
12.15 - 12.30	21	509	530	1332
12.30 - 12.45	31	512	543	1615
12.45 - 13.00	27	315	342	1783

**Lampiran 6. Lanjutan Arus Lalu D3 Ekonomi (Senin, 23 Maret 2015)**

Periode Waktu	MC	LV	Total	
	(Kend)	(Kend)	Kend/15 menit	Kend/jam
13.00 - 13.15	23	165	188	1603
13.15 -13.30	19	119	138	1211
13.30 - 13.45	10	74	84	752
13.45 -14.00	13	99	112	522
14.00 - 14.15	15	151	166	500
14.15 - 14.30	7	182	189	551
14.30 -14.45	9	196	205	672
14.45 - 15.00	15	190	205	765
15.00 -15.15	13	270	283	882
15.15 -15.30	15	179	194	887
15.30 - 15.45	17	122	139	821
15.45 - 16.00	16	112	128	744
16.00 - 16.15	5	86	91	552
16.15 - 16.30	6	46	52	410

Keterangan:

LV = *Light Vehicle* (kendaraan ringan)

MC = *Motorcycle* (sepeda motor)

**Lampiran 7. Arus Lalu Lintas Ruas Jalan FPSB (Senin, 23 Maret 2015)**

Periode Waktu	LV	MC	Total	
	(Kend)	(Kend)	Kend/15 menit	Kend/Jam
07.30 - 07.45	16	84	100	
07.45 - 08.00	20	118	138	
08.00 - 08.15	26	109	135	
08.15 - 08.30	9	97	106	479
08.30 - 08.45	15	166	181	560
08.45 - 09.00	18	300	318	740
09.00 - 09.15	11	145	156	761
09.15 - 09.30	20	149	169	824
09.30 - 09.45	22	211	233	876
09.45 -10.00	17	194	211	769
10.00 - 10.15	24	160	184	797
10.15 - 10.30	34	225	259	887
10.30 - 10.45	29	283	312	966
10.45 - 11.00	14	157	171	926
11.00 - 11.15	15	188	203	945
11.15 - 11.30	18	178	196	882
11.30 - 11.45	21	176	197	767
11.45 -12.00	29	274	303	899
12.00 - 12.15	20	333	353	1049
12.15 - 12.30	27	234	261	1114
12.30 - 12.45	27	197	224	1141
12.45 - 13.00	18	252	270	1108

**Lampiran 8. Lanjutan Arus Lalu Lintas Ruas Jalan FPSB (Senin, 23 Maret 2015)**

Periode Waktu	MC	LV	Total	
	(Kend)	(Kend)	Kend/15 menit	Kend/jam
13.00 - 13.15	20	221	241	996
13.15 -13.30	6	137	143	878
13.30 - 13.45	21	117	138	792
13.45 -14.00	14	136	150	672
14.00 - 14.15	22	176	198	629
14.15 - 14.30	34	311	345	831
14.30 -14.45	30	299	329	1022
14.45 - 15.00	28	347	375	1247
15.00 -15.15	22	305	327	1376
15.15 -15.30	19	181	200	1231
15.30 - 15.45	18	191	209	1111
15.45 - 16.00	19	159	178	914
16.00 - 16.15	25	252	277	864
16.15 - 16.30	20	191	211	875

Keterangan:

LV = *Light Vehicle* (kendaraan ringan)

MC = *Motorcycle* (sepeda motor)



**Lampiran 9. Arus Lalu Lintas Ruas Jalan *Boulevard Timur* (Selasa,24 Maret 2015)**

Periode Waktu	LV	MC	Total	
	(Kend)	(Kend)	Kend/15 menit	Kend/Jam
07.30 - 07.45	42	462	504	
07.45 - 08.00	94	825	919	
08.00 - 08.15	119	686	805	
08.15 - 08.30	73	496	569	2797
08.30 - 08.45	68	792	860	3153
08.45 - 09.00	74	388	462	2696
09.00 - 09.15	38	375	413	2304
09.15 - 09.30	62	683	745	2480
09.30 - 09.45	63	916	979	2599
09.45 -10.00	73	537	610	2747
10.00 - 10.15	53	500	553	2887
10.15 - 10.30	44	608	652	2794
10.30 - 10.45	53	324	377	2192
10.45 - 11.00	47	235	282	1864
11.00 - 11.15	32	233	265	1576
11.15 - 11.30	33	247	280	1204
11.30 - 11.45	33	216	249	1076
11.45 -12.00	39	360	399	1193
12.00 - 12.15	45	604	649	1577
12.15 - 12.30	88	867	955	2252
12.30 - 12.45	117	1022	1139	3142
12.45 - 13.00	64	643	707	3450

**Lampiran 10. Arus Lalu Lintas Ruas Jalan *Boulevard* Timur (Selasa, 24 Maret 2015)**

Periode Waktu	MC	LV	Total	
	(Kend)	(Kend)	Kend/15 menit	Kend/jam
13.00 - 13.15	53	264	317	3118
13.15 - 13.30	36	246	282	2445
13.30 - 13.45	20	208	228	1534
13.45 - 14.00	21	167	188	1015
14.00 - 14.15	26	262	288	986
14.15 - 14.30	31	380	411	1115
14.30 - 14.45	15	219	234	1121
14.45 - 15.00	42	248	290	1223
15.00 - 15.15	28	260	288	1223
15.15 - 15.30	27	215	242	1054
15.30 - 15.45	19	299	318	1138
15.45 - 16.00	31	150	181	1029
16.00 - 16.15	21	123	144	885
16.15 - 16.30	19	148	167	810

Keterangan:

LV = *Light Vehicle* (kendaraan ringan)

MC = *Motorcycle* (sepeda motor)

**Lampiran 11. Arus Lalu Lintas Ruas Jalan *Boulevard* Barat (Selasa, 24 Maret 2015)**

Periode Waktu	Lv	MC	Total	
	(kend)	(kend)	Kend/15 menit	kend/jam
07.30 - 07.45	18	96	114	
07.45 - 08.00	13	100	113	
08.00 - 08.15	18	114	132	
08.15 - 08.30	19	127	146	505
08.30 - 08.45	18	228	246	637
08.45 - 09.00	21	346	367	891
09.00 - 09.15	22	237	259	1018
09.15 - 09.30	28	420	448	1320
09.30 - 09.45	44	420	464	1538
09.45 -10.00	37	259	296	1467
10.00 - 10.15	53	224	277	1485
10.15 - 10.30	32	339	371	1408
10.30 - 10.45	39	274	313	1257
10.45 - 11.00	42	353	395	1356
11.00 - 11.15	47	392	439	1518
11.15 - 11.30	55	394	449	1596
11.30 - 11.45	45	535	580	1863
11.45 -12.00	71	530	601	2069
12.00 - 12.15	104	995	1099	2729
12.15 - 12.30	64	793	857	3137
12.30 - 12.45	50	373	423	2980
12.45 - 13.00	30	317	347	2726
13.00 - 13.15	54	265	319	1946
13.15 -13.30	74	314	388	1477

**Lampiran 12. Lanjutan Arus Lalu Lintas Ruas Jalan *Boulevard Barat* (Selasa, 24 Maret 2015)**

Periode waktu	MC	LV	Total	
	(Kend)	(Kend)	Kend/15 menit	Kend/jam
13.30 - 13.45	45	192	237	1291
13.45 -14.00	41	337	378	1322
14.00 - 14.15	35	560	595	1598
14.15 - 14.30	67	582	649	1859
14.30 -14.45	62	709	771	2393
14.45 - 15.00	101	1098	1199	3214
15.00 -15.15	67	751	818	3437
15.15 -15.30	59	210	269	3057
15.30 - 15.45	62	306	368	2654
15.45 - 16.00	57	216	273	1728
16.00 - 16.15	57	346	403	1313
16.15 - 16.30	80	931	1011	2055

Keterangan:

LV = *Light Vehicle* (kendaraan ringan)

MC = *Motorcycle* (sepeda motor)

**Lampiran 13. Arus Lalu Lintas Ruas Jalan D3 Ekonomi (Selasa, 24 Maret 2015)**

Periode Waktu	LV	MC	Total	
	(kend)	(Kend)	Kend/15 menit	Kend/jam
07.30 - 07.45	22	257	279	
07.45 - 08.00	29	332	361	
08.00 - 08.15	24	275	299	
08.15 - 08.30	18	241	259	1198
08.30 - 08.45	17	448	465	1384
08.45 - 09.00	28	240	268	1291
09.00 - 09.15	10	183	193	1185
09.15 - 09.30	9	389	398	1324
09.30 - 09.45	15	479	494	1353
09.45 - 10.00	25	193	218	1303
10.00 - 10.15	15	206	221	1331
10.15 - 10.30	7	334	341	1274
10.30 - 10.45	14	206	220	1000
10.45 - 11.00	17	120	137	919
11.00 - 11.15	12	95	107	805
11.15 - 11.30	9	108	117	581
11.30 - 11.45	8	106	114	475
11.45 - 12.00	9	106	115	453
12.00 - 12.15	19	149	168	514
12.15 - 12.30	29	387	416	813
12.30 - 12.45	36	440	476	1175
12.45 - 13.00	40	510	550	1610

**Lampiran 14. Lanjutan Arus Lalu Lintas Ruas Jalan D3 Ekonomi (Selasa, 24 Maret 2015)**

Periode Waktu	MC	LV	Total	
	(Kend)	(Kend)	Kend/15menit	Kend/jam
13.00 - 13.15	24	370	394	1836
13.15 -13.30	11	146	157	1577
13.30 - 13.45	8	112	120	1221
13.45 -14.00	7	95	102	773
14.00 - 14.15	5	70	75	454
14.15 - 14.30	10	146	156	453
14.30 -14.45	13	184	197	530
14.45 - 15.00	5	174	179	607
15.00 -15.15	9	179	188	720
15.15 -15.30	9	54	63	627
15.30 - 15.45	5	144	149	579
15.45 - 16.00	11	104	115	515
16.00 - 16.15	6	70	76	403
16.15 - 16.30	8	47	55	395

Keterangan:

LV = *Light Vehicle* (kendaraan ringan)

MC = *Motorcycle* (sepeda motor)

**Lampiran 15. Arus Lalu Lintas Ruas Jalan FPSB (Selasa, 24 Maret 2015)**

Periode Waktu	LV	MC	Total	
	(Kend)	(Kend)	Kend/15 menit	Kend/jam
07.30 - 07.45	17	78	95	
07.45 - 08.00	16	124	140	
08.00 - 08.15	14	104	118	
08.15 - 08.30	5	75	80	433
08.30 - 08.45	16	179	195	533
08.45 - 09.00	13	242	255	648
09.00 - 09.15	14	96	110	640
09.15 - 09.30	21	183	204	764
09.30 - 09.45	19	221	240	809
09.45 - 10.00	20	188	208	762
10.00 - 10.15	23	154	177	829
10.15 - 10.30	13	154	167	792
10.30 - 10.45	18	156	174	726
10.45 - 11.00	15	113	128	646
11.00 - 11.15	9	124	133	602
11.15 - 11.30	20	137	157	592
11.30 - 11.45	13	139	152	570
11.45 - 12.00	31	190	221	663
12.00 - 12.15	23	361	384	914
12.15 - 12.30	22	379	401	1158
12.30 - 12.45	25	236	261	1267
12.45 - 13.00	24	267	291	1337

**Lampiran 16. Lanjutan Arus Lalu Lintas Ruas Jalan FPSB (Selasa, 24 Maret 2015)**

Periode Waktu	MC	LV	Total	
	Kend	Kend	Kend/15 menit	Kend/jam
13.00 - 13.15	31	234	265	1218
13.15 -13.30	17	143	160	977
13.30 - 13.45	27	110	137	853
13.45 -14.00	12	193	205	767
14.00 - 14.15	29	216	245	747
14.15 - 14.30	13	257	270	857
14.30 -14.45	38	262	300	1020
14.45 - 15.00	29	334	363	1178
15.00 -15.15	22	301	323	1256
15.15 -15.30	22	57	79	1065
15.30 - 15.45	22	87	109	874
15.45 - 16.00	14	61	75	586
16.00 - 16.15	12	97	109	372
16.15 - 16.30	18	267	285	578

Keterangan:

LV = *Light Vehicle* (kendaraan ringan)

MC = *Motorcycle* (sepeda motor)




**Lampiran 17. Data Volume Lalu Lintas dari Tiga Ruas Jalan Lingkungan dalam Kampus Terpadu UII**

Periode Waktu	kend/jam	Kend/jam
	Senin	Selasa
	23 Maret 2015	24 Maret 2015
07.30 - 08.30	4146	4933
07.45 - 08.45	4761	5707
08.00 - 09.00	5246	5526
08.15 - 09.15	5269	5147
08.30 - 09.30	5946	5888
08.45 - 09.45	6256	6299
09.00 - 10.00	6025	6279
09.15 - 10.15	6275	6532
09.30 - 10.30	6388	6268
09.45 - 10.45	6109	5175
10.00 - 11.00	5746	4785
10.15 - 11.15	5673	4501
10.30 - 11.30	4894	3973
10.45 - 11.45	4056	3984
11.00 - 12.00	4512	4378
11.15 - 12.15	5095	5734
11.30 - 12.30	6163	7360
11.45 - 12.45	7493	8564
12.00 - 13.00	7806	9123
12.15 - 13.15	7298	8118

**Lampiran 18. Lanjutan Data Volume Lalu Lintas dari Tiga Ruas Jalan Lingkungan dalam Kampus Terpadu UII**

Periode Waktu	kend/jam	Kend/jam
	Senin	Selasa
	23 Maret 2015	24 Maret 2015
6169	6476	6169
4851	4899	4851
3859	3877	3859
3536	3785	3536
4195	4284	4195
5186	5064	5186
6254	6222	6254
7030	6636	7030
7154	5803	7154
6709	5245	6709
5879	3858	5879
5411	2973	5411
4978	3838	4978

**Lampiran 19. Kecepatan Kendaraan Ruas Jalan *Boulevard* Timur (Selasa, 24 Maret 2015)**


 <b>FORMULIR DATA SURVEY KECEPATAN (<i>SPOT SPEED</i>)</b>											
Hari / tanggal :						Kota : Yogyakarta					
Jam :						Lokasi : Boulevard					
Cuaca :						Arah : Timur - Barat					
Surveyor :											
NO.	MC	LV	NO.	MC	LV	NO.	MC	LV	NO.	MC	LV
1	33	41	26	27	21	51	37	27	76	50	25
2	39	41	27	26	27	52	46	28	77	44	44
3	38	30	28	32	39	53	24	29	78	36	21
4	37	29	29	35	33	54	29	30	79	29	30
5	38	25	30	53	23	55	32	37	80	48	26
6	37	27	31	31	27	56	36	39	81	52	47
7	34	28	32	37	35	57	38	29	82	33	28
8	36	32	33	42	38	58	39	32	83	40	30
9	27	25	34	42	31	59	25	32	84	43	37
10	30	34	35	26	28	60	40	29	85	30	34
11	26	23	36	42	30	61	33	39	86	32	33
12	50	22	37	32	39	62	29	37	87	36	26
13	32	25	38	29	32	63	37	37	88	32	42
14	31	31	39	37	26	64	39	28	89	37	21
15	28	29	40	27	29	65	37	25	90	35	27
16	27	27	41	35	39	66	28	37	91	31	26
17	31	34	42	44	26	67	31	25	92	32	25
18	28	41	43	32	27	121	31	27	93	38	28
19	32	26	44	27	28	69	25	31	94	24	35
20	25	27	45	39	33	70	38	27	95	27	30
21	28	22	46	32	39	71	40	29	96	29	31
22	35	27	47	26	32	72	28	25	97	32	30
23	33	29	48	35	32	73	32	40	98	45	32
24	23	34	49	28	24	74	27	23	99	26	27
25	39	32	50	40	21	75	42	30	100	31	29

Keterangan:

LV = *Light Vehicle* (kendaraan ringan)

MC = *Motorcycle* (sepeda motor)

**Lampiran 20. Kecepatan Kendaraan Ruas Jalan *Boulevard* Barat (Selasa, 24 Maret 2015)**


 <b>FORMULIR DATA SURVEY KECEPATAN (<i>SPOT SPEED</i>)</b>											
Hari / tanggal :						Kota : Yogyakarta					
Jam :						Lokasi : Boulevard					
Cuaca :						Arah : Barat - Timur					
Surveyor :											
NO.	MC	LV	NO.	MC	LV	NO.	MC	LV	NO.	MC	LV
1	33	41	26	27	21	51	37	27	76	50	25
2	39	41	27	26	27	52	46	28	77	44	44
3	38	30	28	32	39	53	24	29	78	36	21
4	37	29	29	35	33	54	29	30	79	29	30
5	38	25	30	53	23	55	32	37	80	48	26
6	37	27	31	31	27	56	36	39	81	52	47
7	34	28	32	37	35	57	38	29	82	33	28
8	36	32	33	42	38	58	39	32	83	40	30
9	27	25	34	42	31	59	25	32	84	43	37
10	30	34	35	26	28	60	40	29	85	30	34
11	26	23	36	42	30	61	33	39	86	32	33
12	50	22	37	32	39	62	29	37	87	36	26
13	32	25	38	29	32	63	37	37	88	32	42
14	31	31	39	37	26	64	39	28	89	37	21
15	28	29	40	27	29	65	37	25	90	35	27
16	27	27	41	35	39	66	28	37	91	31	26
17	31	34	42	44	26	67	31	25	92	32	25
18	28	41	43	32	27	121	31	27	93	38	28
19	32	26	44	27	28	69	25	31	94	24	35
20	25	27	45	39	33	70	38	27	95	27	30
21	28	22	46	32	39	71	40	29	96	29	31
22	35	27	47	26	32	72	28	25	97	32	30
23	33	29	48	35	32	73	32	40	98	45	32
24	23	34	49	28	24	74	27	23	99	26	27
25	39	32	50	40	21	75	42	30	100	31	29

Keterangan:

LV = *Light Vehicle*(kendaraan ringan)

MC = *Motorcycle*(sepeda motor)

**Lampiran 21. Kecepatan Kendaraan Ruas Jalan D3 Ekonomi (Selasa, 24 Maret 2015)**


 <b>FORMULIR DATA SURVEY KECEPATAN (SPOT SPEED)</b>											
Hari / tanggal :						Kota : Yogyakarta					
Jam :						Lokasi : Jalan D3 Ekonomi					
Cuaca :											
Surveyor :											
NO.	MC	LV	NO.	MC	LV	NO.	MC	LV	NO.	MC	LV
1	36	37	26	30	23	51	26	26	76	32	29
2	34	38	27	32	33	52	22	42	77	41	32
3	31	28	28	28	25	53	35	29	78	46	28
4	34	32	29	28	31	54	25	27	79	40	26
5	39	44	30	31	25	55	30	30	80	39	37
6	35	29	31	32	24	56	43	29	81	38	35
7	50	42	32	47	28	57	29	25	82	35	27
8	40	28	33	70	36	58	37	29	83	48	31
9	35	28	34	35	30	59	41	29	84	35	30
10	33	29	35	41	26	60	39	30	85	40	28
11	20	29	36	32	23	61	41	20	86	26	20
12	42	31	37	29	24	62	50	37	87	35	32
13	41	26	38	37	25	63	28	38	88	53	22
14	34	31	39	42	20	64	43	36	89	32	39
15	28	39	40	38	36	65	34	28	90	36	41
16	29	35	41	40	28	66	30	28	91	37	20
17	44	38	42	32	29	67	36	22	92	33	35
18	34	28	43	35	31	68	51	31	93	31	29
19	35	35	44	43	38	69	44	20	94	30	34
20	53	26	45	32	28	70	40	26	95	45	29
21	34	25	46	31	38	71	33	36	96	42	29
22	31	30	47	28	29	72	50	35	97	32	34
23	39	46	48	32	25	73	40	29	98	46	22
24	31	30	49	32	20	74	32	32	99	40	29
25	31	29	50	30	34	75	30	28	100	35	36

Keterangan:

LV = *Light Vehicle*(kendaraan ringan)

MC = *Motorcycle*(sepeda motor)

**Lampiran 22. Kecepatan Kendaraan Ruas Jalan FPSB (Selasa,24 Maret 2015)**

 <b>FORMULIR DATA SURVEY KECEPATAN (SPOT SPEED)</b>											
Hari / tanggal :						Kota : Yogyakarta					
Jam :						Lokasi : Jalan D3 Ekonomi					
Cuaca :											
Surveyor :											
NO.	MC	LV	NO.	MC	LV	NO.	MC	LV	NO.	MC	LV
1	25	20	26	25	20	51	25	20	76	25	36
2	29	29	27	29	29	52	29	29	77	29	27
3	31	22	28	23	22	53	23	22	78	23	36
4	31	26	29	31	26	54	31	26	79	31	27
5	40	29	30	31	29	55	31	29	80	31	20
6	27	23	31	40	23	56	40	23	81	40	29
7	30	27	32	27	27	57	27	27	82	27	22
8	20	36	33	30	36	58	30	36	83	30	26
9	21	27	34	20	27	59	20	27	84	20	29
10	30	20	35	21	30	60	21	20	85	21	23
11	32	29	36	30	29	61	30	29	86	26	20
12	37	22	37	32	22	62	32	22	87	32	36
13	29	26	38	37	26	63	37	26	88	37	27
14	29	29	39	29	29	64	29	29	89	29	20
15	24	23	40	29	23	65	29	23	90	29	29
16	29	27	41	24	27	66	24	27	91	24	22
17	26	36	42	26	36	67	26	36	92	26	26
18	31	27	43	31	27	68	31	27	93	31	29
19	32	20	44	32	20	69	32	30	94	31	39
20	28	29	45	28	29	70	28	29	95	32	23
21	30	22	46	30	22	71	30	22	96	28	27
22	26	26	47	26	26	72	26	26	97	26	36
23	21	27	48	21	29	73	21	29	98	27	27
24	25	23	49	25	23	74	25	23	99	25	36
25	34	27	50	34	27	75	34	27	100	34	27

Keterangan:

LV = *Light Vehicle* (kendaraan ringan)

MC = *Motorcycle* (sepeda motor)

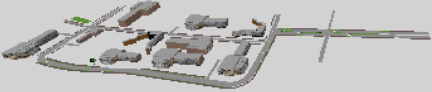
## Lampiran 23. Hasil Data Collection Result Simulasi 1 Kondisi Eksisting

PTV Vissim 7.00-07 - Network: f:\baru dari flash\hanny\siip 2\parkir full di lab 2.inpx

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Network Editor

Select layout... Select Camera Position... 100%



Data Collection Results (2)

Select layout... <Single List>

Count	DataCollectionMeasurement	SimRun\No	SimRun\RandSee	TimeInt	Vehs(All)	Vehs(10)	Vehs(60)	Speed(All)	Speed(60)	Speed(10)	QueueL
1	1: DCP BU	1	25	0-3600	430	6	424	28,83	28,85	27,72	0,00
2	2: DCP BS	1	25	0-3600	318	3	315	28,70	28,72	26,60	0,00
3	3: DCP BT DEKAT BS	1	25	0-3600	1421	167	1254	32,80	33,23	29,62	0,00
4	8: DCP UU	1	25	0-3600	151	23	128	32,53	33,02	29,80	0,00
5	9: DCP FT	1	25	0-3600	1356	107	1249	30,13	30,40	26,98	0,70
6	11: DCP SYARE	1	25	0-3600	193	13	180	28,50	28,63	26,83	0,00
7	14: DCP FU	1	25	0-3600	404	39	365	32,84	33,15	30,00	0,00
8	15: DCP BT DEKAT BUNARAN	1	25	0-3600	1969	165	1804	30,71	30,79	29,83	0,49
9	17: DCP FB	1	25	0-3600	547	27	520	28,66	28,71	27,75	0,00
10	18: DCP D3 EKONOMI	1	25	0-3600	213	21	192	34,23	34,58	31,08	0,00
11	19: DCP FMIPA	1	25	0-3600	153	6	147	32,89	33,02	29,61	0,00
12	20: DCP FPSB	1	25	0-3600	251	9	242	32,77	32,84	30,82	0,00
13	21: DCP RUAS DEPAN D3 EKO	1	25	0-3600	1915	157	1758	31,82	31,99	29,94	0,54
14	22: DCP BB 1 DEKAT BUNARAN	1	25	0-3600	1404	105	1299	27,82	28,07	24,84	0,52
15	23: DCP BB 1 DEKAT BU	1	25	0-3600	1027	73	954	31,29	31,45	29,21	0,35
16	24: DCP FTI DEKAT SIMPANG FTSP	1	25	0-3600	1274	89	1185	29,14	29,31	26,81	1,49
17	1: DCP BU	2	16	0-3600	458	9	449	28,94	28,96	27,94	0,00

fovd = 45.0 System initialized.

## Lampiran 24. Hasil Data collection Result Simulasi 2 Kondisi Eksisting

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Network Editor

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Data Collection Results (2)

Select layout... <Single List>

Count	DataCollectionMeasurement	SimRun\No	SimRun\RandSeed	TimeInt	Vehs(All)	Vehs(10)	Vehs(60)	Speed(All)	Speed(60)	Speed(10)	QueueE
16	24: DCP FTI DEKAT SIMPANG FTSP	1		25 0-3600	1274	89	1185	29,14	29,31	26,81	1,49
17	1: DCP BU	2		16 0-3600	458	9	449	28,94	28,96	27,94	0,00
18	2: DCP BS	2		16 0-3600	292	3	289	28,81	28,83	27,44	0,00
19	3: DCP BT DEKAT BS	2		16 0-3600	1402	144	1258	32,81	33,16	29,75	0,00
20	8: DCP UU	2		16 0-3600	151	22	129	32,28	32,77	29,39	0,00
21	9: DCP FT	2		16 0-3600	1339	90	1249	30,25	30,49	26,88	0,43
22	11: DCP SYARE	2		16 0-3600	210	4	206	28,57	28,60	27,39	0,00
23	14: DCP FU	2		16 0-3600	350	51	299	32,98	33,51	29,89	0,00
24	15: DCP BT DEKAT BUNARAN	2		16 0-3600	1980	145	1835	30,72	30,82	29,48	0,57
25	17: DCP FB	2		16 0-3600	549	26	523	28,61	28,66	27,57	0,00
26	18: DCP D3 EKONOMI	2		16 0-3600	225	17	208	34,44	34,69	31,31	0,00
27	19: DCP FMIPA	2		16 0-3600	174	2	172	33,09	33,11	31,29	0,00
28	20: DCP FPSB	2		16 0-3600	269	9	260	33,00	33,10	30,03	0,00
29	21: DCP RUAS DEPAN D3 EKO	2		16 0-3600	1929	135	1794	31,93	32,07	30,09	0,63
30	22: DCP BB 1 DEKAT BUNARAN	2		16 0-3600	1430	86	1344	27,78	27,98	24,67	0,33
31	23: DCP BB 1 DEKAT BU	2		16 0-3600	1025	57	968	31,47	31,62	29,04	0,34
32	24: DCP FTI DEKAT SIMPANG FTSP	2		16 0-3600	1259	94	1165	29,31	29,48	27,14	1,26
33	1: DCP BU	3		12 0-3600	408	4	404	29,00	29,01	28,12	0,00
34	2: DCP BS	3		12 0-3600	275	5	270	28,67	28,68	28,10	0,00

Quic... Sma... Vehicle Inputs /... Vehicle Composi... Static Vehicle Ro... Driving Behaviors Data Collection... Data Collection... Data Collection... 2D/3D Models Display Types Static 3D Models Data Collection... Data Collection...



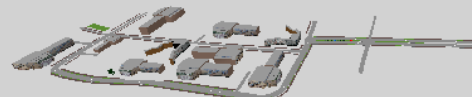
## Lampiran 25. Hasil Data Collection Result Simulasi 3 Kondisi Eksisting

PTV Vissim 7.00-07 - Network: f:\baru dari flash\hanny\siip 2\parkir full di lab 2.inpx

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Network Editor

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Data Collection Results (2)

Select layout... <Single List>

Count	DataCollectionMeasurement	SimRun\No	SimRun\RandSee	TimeInt	Vehs(All)	Vehs(10)	Vehs(60)	Speed(All)	Speed(60)	Speed(10)	QueueL
34 2:	DCP BS	3		12 0-3600	275	5	270	28,67	28,68	28,10	0,00
35 3:	DCP BT DEKAT BS	3		12 0-3600	1449	150	1299	32,82	33,18	29,70	0,00
36 8:	DCP UU	3		12 0-3600	135	28	107	32,38	33,37	28,58	0,00
37 9:	DCP FT	3		12 0-3600	1346	91	1255	30,12	30,33	27,18	0,65
38 11:	DCP SYARE	3		12 0-3600	175	16	159	28,72	28,85	27,42	0,00
39 14:	DCP FU	3		12 0-3600	423	34	389	33,45	33,70	30,60	0,00
40 15:	DCP BT DEKAT BUNDARAN	3		12 0-3600	1966	153	1813	30,82	30,93	29,48	0,38
41 17:	DCP FB	3		12 0-3600	565	26	539	28,59	28,63	27,77	0,00
42 18:	DCP D3 EKONOMI	3		12 0-3600	223	20	203	34,30	34,61	31,16	0,00
43 19:	DCP FMIPA	3		12 0-3600	153	5	148	33,24	33,33	30,67	0,00
44 20:	DCP FPSB	3		12 0-3600	248	9	239	32,92	33,00	30,64	0,00
45 21:	DCP RUAS DEPAN D3 EKO	3		12 0-3600	1907	158	1749	31,90	32,08	29,88	1,02
46 22:	DCP BB 1 DEKAT BUNDARAN	3		12 0-3600	1406	95	1311	27,65	27,81	25,38	0,50
47 23:	DCP BB 1 DEKAT BU	3		12 0-3600	1015	67	948	31,22	31,36	29,19	0,35
48 24:	DCP FTI DEKAT SIMPANG FTSP	3		12 0-3600	1277	88	1189	29,49	29,65	27,37	1,39
49 1:	DCP BU	4		10 0-3600	416	9	407	28,94	28,96	27,86	0,00

foV = 45.0 System initialized.


## Lampiran 26. Hasil Data Collection Result Simulasi 4 Kondisi Eksisting

PTV Vissim 7.00-07 - Network: f:\baru dari flash\hanny\siip 2\parkir full di lab 2.inpx

File Edit View Lists Base Data Traffic Signal Control Simulation Evaluation Presentation Test Scripts Help

Network Editor

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Data Collection Results (2)

Select layout... <Single List>

Count	DataCollectionMeasurement	SimRun\No	SimRun\RandSee	TimeInt	Vehs(All)	Vehs(10)	Vehs(60)	Speed(All)	Speed(60)	Speed(10)	QueueL
49 1:	DCP BU	4		10 0-3600	416	9	407	28,94	28,96	27,86	0,00
50 2:	DCP BS	4		10 0-3600	314	1	313	28,74	28,75	27,67	0,00
51 3:	DCP BT DEKAT BS	4		10 0-3600	1399	156	1243	32,91	33,31	29,73	0,00
52 8:	DCP UU	4		10 0-3600	148	21	127	32,75	33,35	29,11	0,00
53 9:	DCP FT	4		10 0-3600	1361	82	1279	30,10	30,32	26,72	1,01
54 11:	DCP SYARE	4		10 0-3600	200	11	189	28,38	28,41	27,81	0,00
55 14:	DCP FU	4		10 0-3600	391	42	349	32,74	33,06	30,03	0,00
56 15:	DCP BT DEKAT BUNDARAN	4		10 0-3600	1941	155	1786	30,68	30,77	29,64	0,59
57 17:	DCP FB	4		10 0-3600	553	25	528	28,57	28,63	27,29	0,00
58 18:	DCP D3 EKONOMI	4		10 0-3600	243	17	226	34,38	34,62	31,21	0,00
59 19:	DCP FMIPA	4		10 0-3600	149	9	140	33,01	33,17	30,46	0,00
60 20:	DCP FPSB	4		10 0-3600	215	14	201	32,89	33,06	30,42	0,00
61 21:	DCP RUAS DEPAN D3 EKO	4		10 0-3600	1917	158	1759	31,85	32,04	29,82	0,60
62 22:	DCP BB 1 DEKAT BUNDARAN	4		10 0-3600	1419	93	1326	27,70	27,95	24,11	0,85
63 23:	DCP BB 1 DEKAT BU	4		10 0-3600	1020	59	961	31,37	31,51	29,18	0,56
64 24:	DCP FTI DEKAT SIMPANG FTSP	4		10 0-3600	1244	106	1138	29,47	29,71	26,92	1,42
65 1:	DCP BU	5		5 0-3600	455	3	452	28,97	28,97	27,85	0,00

Quic... Sma... Vehicle Inputs /... Vehicle Composi... Static Vehicle Ro... Driving Behaviors Data Collection... Data Collection... Data Collection... 2D/3D Models Display Types Static 3D Models Data Collection... Data Collection...

fov = 45.0 System initialized.

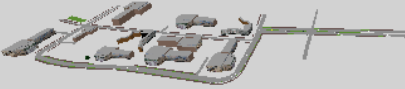
## Lampiran 27. Hasil Data collection Result Simulasi 5 Kondisi Eksisting

PTV Vissim 7.00-07 - Network: f:\baru dari flash\hanny\siip 2\parkir full di lab 2.inpx

File Edit View Lists Base Data Traffic Signal Control Simulation Evaluation Presentation Test Scripts Help

Network Editor

Select layout... Select Camera Position... 100%



Data Collection Results (2)

Select layout... <Single List>

Count	DataCollectionMeasurement	SimRun\No	SimRun\RandSeed	TimeInt	Vehs(All)	Vehs(10)	Vehs(60)	Speed(All)	Speed(60)	Speed(10)	QueueL
64	24: DCP FTI DEKAT SIMPANG FTSP	4	10	0-3600	1244	106	1138	29,47	29,71	26,92	1,42
65	1: DCP BU	5	5	0-3600	455	3	452	28,97	28,97	27,85	0,00
66	2: DCP BS	5	5	0-3600	292	5	287	28,55	28,57	27,82	0,00
67	3: DCP BT DEKAT BS	5	5	0-3600	1495	136	1359	32,78	33,10	29,62	0,00
68	8: DCP UU	5	5	0-3600	173	20	153	32,79	33,28	29,08	0,00
69	9: DCP FT	5	5	0-3600	1377	102	1275	30,18	30,46	26,72	0,95
70	11: DCP SYARE	5	5	0-3600	189	12	177	28,71	28,81	27,27	0,00
71	14: DCP FU	5	5	0-3600	378	46	332	32,61	32,97	30,01	0,00
72	15: DCP BT DEKAT BUNDARAN	5	5	0-3600	2072	138	1934	30,73	30,82	29,52	0,60
73	17: DCP FB	5	5	0-3600	515	32	483	28,52	28,59	27,54	0,00
74	18: DCP D3 EKONOMI	5	5	0-3600	226	14	212	34,44	34,65	31,26	0,00
75	19: DCP FMIPA	5	5	0-3600	177	2	175	33,17	33,19	30,84	0,00
76	20: DCP FPSB	5	5	0-3600	266	6	260	32,87	32,93	30,21	0,00
77	21: DCP RUAS DEPAN D3 EKO	5	5	0-3600	2055	139	1916	31,85	31,97	30,21	0,58
78	22: DCP BB 1 DEKAT BUNDARAN	5	5	0-3600	1459	89	1370	27,93	28,18	24,04	0,70
79	23: DCP BB 1 DEKAT BU	5	5	0-3600	1051	58	993	31,56	31,73	28,62	0,48
80	24: DCP FTI DEKAT SIMPANG FTSP	5	5	0-3600	1315	81	1234	29,45	29,57	27,58	1,64
81	1: DCP BU	5	5	0-3600	433	6	427	28,04	28,05	27,00	0,00

Quic... Sma... Vehicle Inputs /... Vehicle Composi... Static Vehicle Ro... Driving Behaviors Data Collection... Data Collection... Data Collection... 2D/3D Models Display Types Static 3D Models Data Collection... Data Collection...

fov = 45.0 System initialized.

## Lampiran 28. Hasil *Data collection Result* Simulasi 1 Kondisi 5 Tahun yang akan Datang Sesuai Skenario *Masterplan*

PTV Vissim 7.00-07 - Network: f:\25000\25000.inpx

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Network Objects Network Editor

Select layout...

Links

- Desired Speed
- Reduced Speed
- Conflict Areas
- Priority Rules
- Stop Signs
- Signal Heads
- Detectors

Vehicle Inputs

- Vehicle Routes
- Parking Lots
- Public Transport
- Public Transport

Nodes

- Data Collection
- Vehicle Travel Ti

Network... Levels Backgrou...

Quick View

Data Collection Results

Select layout... <Single List>

Count	SimRun	SimRun/RandSec	TimeInt	DataCollectionMeasurement	Vehs(All)	QueueDelay(All)	Speed(All)
1	1		42 0-3600	1: DCP BU	726	0,00	33,94
2	1		42 0-3600	2: DCP BT SEG A	2413	0,00	32,92
3	1		42 0-3600	3: DCP BT SEG D	1544	1,97	32,09
4	1		42 0-3600	23: DCP BT SEG B	3234	4,36	31,05
5	1		42 0-3600	24: DCP BT SEG C	2109	1,25	31,27
6	1		42 0-3600	25: DCP UU SEG A	2539	2,65	32,87
7	1		42 0-3600	26: DCP UU SEG B	2533	2,65	33,61
8	1		42 0-3600	27: DCP D3 EKO SEG A 1	1614	4,57	32,62
9	1		42 0-3600	28: DCP D3 EKO SEG A 2	1184	0,51	30,52
10	1		42 0-3600	29: DCP D3 EKO SEG B 1	1608	4,59	32,12
11	1		42 0-3600	30: DCP D3 EKO SEG B 2	458	0,57	33,70
12	1		42 0-3600	31: DCP D3 EKO SEG C1	396	4,98	33,48
13	1		42 0-3600	32: DCP D3 EKO SEG C2	461	0,00	33,27
14	1		42 0-3600	33: DCP FPSB SEG A 1	876	0,00	32,85
15	1		42 0-3600	34: DCP FPSB SEG A 2	1229	0,00	28,47
16	1		42 0-3600	35: DCP FPSB SEG B 1	2072	4,67	32,69
17	1		42 0-3600	36: DCP FPSB SEGB B2	1234	0,00	27,71
18	1		42 0-3600	37: DCP FPSB MASUK BARU	883	0,00	34,54
19	1		42 0-3600	38: DCP FPSB KELUAR BARU	491	0,00	28,76
20	1		42 0-3600	39: DCP BT SEG B TIKET	3230	4,36	32,27
21	1		42 0-3600	40: DCP BT SEG C TIKET	2110	0,59	31,25
22	1		42 0-3600	41: DCP MASUK LEMBAT REKT	1203	7,27	33,84

Quick View Smart Map

Vehicle Inputs Static Vehicle Routing Decisions / Static Vehicle Routes Data Collection Points Data Collection Measurements **Data Collection Results** Vehicle Compositions / Relative Flows

1249,6:279,9 System initialized.

## Lampiran 29 Hasil *Data collection Result* Simulasi 2 Kondisi 5 Tahun yang akan Datang Sesuai Skenario *Masterplan*

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File Edit View Lists Base Data Traffic Signal Control Simulation Evaluation Presentation Test Scripts Help

Network Objects Network Editor

Select layout... [Icons]

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Data Collection Results

Select layout... [Icons] <Single List>

Count: 184	SimRun	SimRun/RandSec	TimeInt	DataCollectionMeasurement	Vehs(All)	QueueDelay(All)	Speed(All)
25	2		22 0-3600	2: DCP BT SEG A	2353	0,00	32,97
26	2		22 0-3600	3: DCP BT SEG D	1575	1,91	32,43
27	2		22 0-3600	23: DCP BT SEG B	3219	3,64	31,23
28	2		22 0-3600	24: DCP BT SEG C	2149	1,06	30,98
29	2		22 0-3600	25: DCP UU SEG A	2497	1,99	33,14
30	2		22 0-3600	26: DCP UU SEG B	2496	1,98	33,72
31	2		22 0-3600	27: DCP D3 EKO SEG A 1	1681	3,91	32,51
32	2		22 0-3600	28: DCP D3 EKO SEG A 2	1178	0,63	30,67
33	2		22 0-3600	29: DCP D3 EKO SEG B 1	1675	3,94	31,54
34	2		22 0-3600	30: DCP D3 EKO SEG B 2	474	0,82	33,86
35	2		22 0-3600	31: DCP D3 EKO SEG C1	446	5,22	33,30
36	2		22 0-3600	32: DCP D3 EKO SEG C2	477	0,00	33,59
37	2		22 0-3600	33: DCP FPSB SEG A 1	868	0,00	32,92
38	2		22 0-3600	34: DCP FPSB SEG A 2	1219	0,00	28,44
39	2		22 0-3600	35: DCP FPSB SEG B 1	2076	5,81	32,54
40	2		22 0-3600	36: DCP FPSB SEGB B2	1227	0,00	27,66
41	2		22 0-3600	37: DCP FPSB MASUK BARU	871	0,00	34,42
42	2		22 0-3600	38: DCP FPSB KELUAR BARU	505	0,00	28,87
43	2		22 0-3600	39: DCP BT SEG B TIKET	3213	3,64	32,25
44	2		22 0-3600	40: DCP BT SEG C TIKET	2151	0,64	31,34
45	2		22 0-3600	41: DCP MASUK LEWAT REKT	1220	9,34	33,96
46	2		22 0-3600	42: DCP KELUAR LEWAT REK	711	0,00	28,66
47	3		10 0-3600	1: DCP BU	717	0,00	33,99
48	3		10 0-3600	2: DCP BT SEG A	2284	0,00	32,90

Quick View Smart Map

Vehicle Inputs Static Vehicle Routing Decisions / Static Vehicle Routes Data Collection Points Data Collection Measurements **Data Collection Results** Vehicle Compositions / Relative Flows

864.6:580.2 System initialized.

### Lampiran 30. Hasil *Data collection Result* Simulasi 3 Kondisi 5 Tahun yang akan Datang Sesuai Skenario *Masterplan*

Count	SimRun	SimRun/RandSec	TimeInt	DataCollectionMeasurement	Vehs(All)	QueueDelay(All)	Speed(All)
46	2	22	0-3600	42: DCP KELUAR LEWAT REK	711	0,00	28,66
47	3		10-3600	1: DCP BU	717	0,00	33,99
48	3		10-3600	2: DCP BT SEG A	2284	0,00	32,90
49	3		10-3600	3: DCP BT SEG D	1557	1,39	32,10
50	3		10-3600	23: DCP BT SEG B	3080	2,96	31,19
51	3		10-3600	24: DCP BT SEG C	2129	0,64	30,80
52	3		10-3600	25: DCP UU SEG A	2446	1,65	33,00
53	3		10-3600	26: DCP UU SEG B	2444	1,65	33,71
54	3		10-3600	27: DCP D3 EKO SEG A 1	1592	3,15	32,84
55	3		10-3600	28: DCP D3 EKO SEG A 2	1174	0,56	30,71
56	3		10-3600	29: DCP D3 EKO SEG B 1	1584	3,17	32,19
57	3		10-3600	30: DCP D3 EKO SEG B 2	472	0,64	33,99
58	3		10-3600	31: DCP D3 EKO SEG C1	419	3,76	33,60
59	3		10-3600	32: DCP D3 EKO SEG C2	474	0,00	33,54
60	3		10-3600	33: DCP FPSB SEG A 1	907	0,00	33,10
61	3		10-3600	34: DCP FPSB SEG A 2	1251	0,00	28,39
62	3		10-3600	35: DCP FPSB SEG B 1	2065	3,76	32,60
63	3		10-3600	36: DCP FPSB SEGB B2	1258	0,00	27,43
64	3		10-3600	37: DCP FPSB MASUK BARU	910	0,00	34,59
65	3		10-3600	38: DCP FPSB KELUAR BARU	536	0,00	28,52
66	3		10-3600	39: DCP BT SEG B TIKET	3078	2,97	32,33
67	3		10-3600	40: DCP BT SEG C TIKET	2129	0,58	31,46
68	3		10-3600	41: DCP MASUK LEWAT REKT	1159	5,92	33,74
69	3		10-3600	42: DCP KELUAR LEWAT REK	707	0,01	28,83
70	4		8-3600	1: DCP BU	744	0,00	34,01

**Lampiran 31. Hasil Data collection Result Simulasi 4 Kondisi 5 Tahun yang akan Datang Sesuai Skenario Masterplan**

Count	SimRun	SimRun/RandSec	TimeInt	DataCollectionMeasurement	Vehs(All)	QueueDelay(All)	Speed(All)
70.4		8 0-3600	1: DCP BU	744	0,00	34,01	
71.4		8 0-3600	2: DCP BT SEG A	2384	0,00	32,86	
72.4		8 0-3600	3: DCP BT SEG D	1526	1,24	32,38	
73.4		8 0-3600	23: DCP BT SEG B	3186	3,14	31,28	
74.4		8 0-3600	24: DCP BT SEG C	2098	0,70	31,39	
75.4		8 0-3600	25: DCP UU SEG A	2463	1,76	32,97	
76.4		8 0-3600	26: DCP UU SEG B	2458	1,76	33,64	
77.4		8 0-3600	27: DCP D3 EKO SEG A 1	1652	3,40	32,75	
78.4		8 0-3600	28: DCP D3 EKO SEG A 2	1166	0,72	30,63	
79.4		8 0-3600	29: DCP D3 EKO SEG B 1	1648	3,41	32,17	
80.4		8 0-3600	30: DCP D3 EKO SEG B 2	459	0,97	33,85	
81.4		8 0-3600	31: DCP D3 EKO SEG C1	419	3,15	33,50	
82.4		8 0-3600	32: DCP D3 EKO SEG C2	464	0,00	33,50	
83.4		8 0-3600	33: DCP FPSB SEG A 1	891	0,00	33,14	
84.4		8 0-3600	34: DCP FPSB SEG A 2	1188	0,00	28,44	
85.4		8 0-3600	35: DCP FPSB SEG B 1	2101	3,59	32,67	
86.4		8 0-3600	36: DCP FPSB SEGB B2	1192	0,00	27,52	
87.4		8 0-3600	37: DCP FPSB MASUK BARU	894	0,00	34,55	
88.4		8 0-3600	38: DCP FPSB KELUAR BARU	473	0,00	28,70	
89.4		8 0-3600	39: DCP BT SEG B TIKET	3185	3,14	32,26	
90.4		8 0-3600	40: DCP BT SEG C TIKET	2103	0,70	31,37	
91.4		8 0-3600	41: DCP MASUK LEWAT REKT	1222	5,67	33,92	
92.4		8 0-3600	42: DCP KELUAR LEWAT REK	712	0,01	28,63	
93 Average		0-3600	1: DCP BU	732	0,00	33,98	
94 Average		0-3600	2: DCP BT SEG A	2359	0,00	32,91	

**Lampiran 32. Hasil *Data collection Result* Simulasi 5 Kondisi 5 Tahun yang akan Datang sesuai Skenario *Masterplan***

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File Edit View Lists Base Data Traffic Signal Control Simulation Evaluation Presentation Test Scripts Help

Network Objects Network Editor

Links

- Desired Speed
- Reduced Speed
- Conflict Areas
- Priority Rules
- Stop Signs
- Signal Heads
- Detectors
- Vehicle Inputs
- Vehicle Routes
- Parking Lots
- Public Transport
- Public Transport
- Nodes
- Data Collection
- Vehicle Travel Ti

Data Collection Results

Count	SimRun	SimRun/RandSec	TimeInt	DataCollectionMeasurement	Vehs(All)	QueueDelay(All)	Speed(All)
94	5		5 0-3600	2: DCP BT SEG A	2145	0,00	32,93
95	5		5 0-3600	3: DCP BT SEG D	1426	1,46	32,23
96	5		5 0-3600	23: DCP BT SEG B	2952	4,54	30,93
97	5		5 0-3600	24: DCP BT SEG C	1926	0,58	31,48
98	5		5 0-3600	25: DCP UU SEG A	2270	2,40	32,79
99	5		5 0-3600	26: DCP UU SEG B	2270	2,40	33,49
100	5		5 0-3600	27: DCP D3 EKO SEG A 1	1544	5,19	32,77
101	5		5 0-3600	28: DCP D3 EKO SEG A 2	1061	0,58	30,55
102	5		5 0-3600	29: DCP D3 EKO SEG B 1	1537	5,24	31,91
103	5		5 0-3600	30: DCP D3 EKO SEG B 2	410	0,80	33,80
104	5		5 0-3600	31: DCP D3 EKO SEG C1	391	4,59	33,69
105	5		5 0-3600	32: DCP D3 EKO SEG C2	414	0,00	33,51
106	5		5 0-3600	33: DCP FPSB SEG A 1	811	0,00	33,05
107	5		5 0-3600	34: DCP FPSB SEG A 2	1130	0,01	28,37
108	5		5 0-3600	35: DCP FPSB SEG B 1	1939	4,89	32,65
109	5		5 0-3600	36: DCP FPSB SEGB B2	1140	0,01	27,49
110	5		5 0-3600	37: DCP FPSB MASUK BARU	815	0,00	34,57
111	5		5 0-3600	38: DCP FPSB KELUAR BARU	470	0,02	28,70
112	5		5 0-3600	39: DCP BT SEG B TIKET	2947	4,55	32,17
113	5		5 0-3600	40: DCP BT SEG C TIKET	1930	0,59	31,31
114	5		5 0-3600	41: DCP MASUK LEWAT REKT	1138	7,61	33,80
115	5		5 0-3600	42: DCP KELUAR LEWAT REK	656	0,01	28,80
116	Average		0-3600	1: DCP BU	732	0,00	33,98
117	Average		0-3600	2: DCP BT SEG A	2359	0,00	32,91
118	Average		0-3600	3: DCP BT SEG D	1551	1,63	32,25

Quick View Smart Map

Vehicle Inputs Static Vehicle Routing Decisions / Static Vehicle Routes Data Collection Points Data Collection Measurements Data Collection Results Vehicle Compositions / Relative Flows



### Lampiran 34. Hasil *Data Collection Result* Kondisi Masterplan Nilai Rata-Rata Simulasi

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File Edit View Lists Base Data Traffic Signal Control Simulation Evaluation Presentation Test Scripts Help

Network Objects Network Editor

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Data Collection Results

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Count	SimRun	SimRun/RandSec	TimeInt	DataCollectionMeasurement	Vehs(All)	QueueDelay(All)	Speed(All)
115	5		5	0-3600 42: DCP KELUAR LEWAT REK	712	0,01	28,81
116	Average			0-3600 1: DCP BU	740	0,00	33,95
117	Average			0-3600 2: DCP BT SEG A	2355	0,00	32,91
118	Average			0-3600 3: DCP BT SEG D	1550	1,59	32,24
119	Average			0-3600 23: DCP BT SEG B	3187	3,73	31,12
120	Average			0-3600 24: DCP BT SEG C	2116	0,85	31,19
121	Average			0-3600 25: DCP UU SEG A	2481	2,10	32,95
122	Average			0-3600 26: DCP UU SEG B	2478	2,10	33,63
123	Average			0-3600 27: DCP D3 EKO SEG A 1	1645	4,02	32,68
124	Average			0-3600 28: DCP D3 EKO SEG A 2	1174	0,61	30,63
125	Average			0-3600 29: DCP D3 EKO SEG B 1	1639	4,04	31,98
126	Average			0-3600 30: DCP D3 EKO SEG B 2	464	0,77	33,85
127	Average			0-3600 31: DCP D3 EKO SEG C1	421	4,33	33,50
128	Average			0-3600 32: DCP D3 EKO SEG C2	468	0,00	33,49
129	Average			0-3600 33: DCP FPSB SEG A 1	887	0,00	33,01
130	Average			0-3600 34: DCP FPSB SEG A 2	1223	0,00	28,42
131	Average			0-3600 35: DCP FPSB SEG B 1	2086	4,54	32,63
132	Average			0-3600 36: DCP FPSB SEGB B2	1231	0,00	27,57
133	Average			0-3600 37: DCP FPSB MASUK BARU	891	0,00	34,53
134	Average			0-3600 38: DCP FPSB KELUAR BARU	503	0,00	28,71
135	Average			0-3600 39: DCP BT SEG B TIKET	3184	3,73	32,26
136	Average			0-3600 40: DCP BT SEG C TIKET	2119	0,62	31,35
137	Average			0-3600 41: DCP MASUK LEWAT REKT	1210	7,15	33,85
138	Average			0-3600 42: DCP KELUAR LEWAT REK	714	0,01	28,72
139	Standard			0-3600 1: DCP BU	22	0,00	0,05

Quick View Smart Map Vehicle Inputs Static Vehicle Routing Decisions / Static Vehicle Routes Data Collection Points Data Collection Measurements Data Collection Results Vehicle Compositions / Relative Flows

2261.3:4754