



**LAMPIRAN 1 : TABEL ARUS LALU LINTAS
SABTU, 28 APRIL 2001**

TABEL ARUS LALU LINTAS

Hari/Tgl. : Sabtu/28 April 2001
 Lokasi : Jalan Setiabudi di depan Swalayan Ada, Semarang
 Posisi : Jalan Utama Lengan I
 Cuaca : Cerah
 Surveyor : Hasto, Damas

Waktu Tiap 15 Menit	Jumlah Kendaraan			Arus (Q) smp/15 menit
	Kendaraan Ringan(LV)	Kendaraan Berat(HV)	Sepeda Motor(MC)	
10.00-10.15	250	20	270	411
10.16-10.30	224	18	289	391.9
10.31-10.45	226	15	205	348
10.46-11.00	365	22	325	556.1
11.01-11.15	275	17	245	419.6
11.16-11.30	261	22	271	425.1
11.31-11.45	320	20	266	479
11.46-12.00	307	7	258	445.1
12.01-12.15	372	21	292	545.3
12.16-12.30	321	25	272	489.5
12.31-12.45	331	20	325	519.5
12.46-13.00	208	15	221	338
13.01-13.15	226	20	270	387
13.16-13.30	242	17	288	408.1
13.31-13.45	240	18	267	396.9
13.46-14.00	242	27	260	407.1
14.01-14.15	196	15	204	317.5
14.16-14.30	273	13	293	436.4
14.31-14.45	375	15	377	583
14.46-15.00	311	16	353	508.3
15.01-15.15	303	18	352	502.4
15.16-15.30	262	20	342	459
15.31-15.45	256	18	303	430.9
15.46-16.00	231	19	297	404.2
16.01-16.15	213	19	257	366.2
16.16-16.30	235	11	328	413.3
16.31-16.45	202	16	298	371.8
16.46-17.00	230	14	327	411.7
17.01-17.15	253	18	342	447.4
17.16-17.30	226	13	368	426.9
17.31-17.45	234	17	262	387.1
17.46-18.00	166	14	217	292.7
18.01-18.15	213	20	262	370
18.16-18.30	227	13	287	387.4
18.31-18.45	201	10	203	315.5
18.46-19.00	271	16	265	424.3
19.01-19.15	270	8	255	407.9
19.16-19.30	215	16	215	343.3
19.31-19.45	178	10	178	280
19.46-20.00	165	7	308	328.1
20.01-20.15	206	5	298	361.5
20.16-20.30	200	6	276	345.8
20.31-20.45	198	3	249	326.4
20.46-21.00	116	4	162	202.2
Total	10836	678	12202	17818.4

TABEL ARUS LALU LINTAS

Hari/Tgl. : Sabtu/28 April 2001
 Lokasi : Jalan Setiabudi di depan Swalayan Ada, Semarang
 Posisi : Jalan Utama Lengan II (Pos. 2)
 Cuaca : Cerah
 Surveyor : Aji, Edi

Waktu Tiap 15 Menit	Jumlah Kendaraan			Arus (Q) smp/15 menit
	Kendaraan Ringan(LV)	Kendaraan Berat(HV)	Sepeda Motor(MC)	
10.00-10.15	270	151	258	595.3
10.16-10.30	300	194	255	679.7
10.31-10.45	285	174	384	703.2
10.46-11.00	430	310	382	1024
11.01-11.15	405	233	365	890.4
11.16-11.30	310	229	272	743.7
11.31-11.45	228	195	215	589
11.46-12.00	273	207	213	648.6
12.01-12.15	218	155	190	514.5
12.16-12.30	239	117	217	499.6
12.31-12.45	230	140	218	521
12.46-13.00	230	133	225	515.4
13.01-13.15	224	279	267	720.2
13.16-13.30	353	247	285	816.6
13.31-13.45	315	241	279	767.8
13.46-14.00	277	203	205	643.4
14.01-14.15	308	165	215	630
14.16-14.30	363	101	230	609.3
14.31-14.45	343	98	243	591.9
14.46-15.00	343	76	213	548.3
15.01-15.15	328	89	174	530.7
15.16-15.30	299	67	167	469.6
15.31-15.45	300	88	190	509.4
15.46-16.00	345	166	270	695.8
16.01-16.15	271	90	220	498
16.16-16.30	272	84	228	495.2
16.31-16.45	329	88	235	560.9
16.46-17.00	295	72	221	499.1
17.01-17.15	260	75	210	462.5
17.16-17.30	368	100	247	621.5
17.31-17.45	330	111	253	600.8
17.46-18.00	263	106	193	497.3
18.01-18.15	279	84	103	439.7
18.16-18.30	285	113	322	592.9
18.31-18.45	356	100	233	602.5
18.46-19.00	480	122	292	784.6
19.01-19.15	300	58	236	493.4
19.16-19.30	302	86	285	556.3
19.31-19.45	377	72	272	606.6
19.46-20.00	307	64	268	524.2
20.01-20.15	310	61	254	516.3
20.16-20.30	307	53	242	496.9
20.31-20.45	222	48	190	379.4
20.46-21.00	80	12	80	135.6
Total	13209	5657	10516	25821.1

TABEL ARUS LALU LINTAS

Hari/Tgl. : Sabtu/28 April 2001
 Lokasi : Jalan Setiabudi di depan Swalayan Ada, Semarang
 Posisi : Jalan Utama Lengan II (Pos. 3)
 Cuaca : Cerah
 Surveyor : Yusuf

Waktu Tiap 15 Menit	Jumlah Kendaraan			Arus (Q) smp/15 menit
	Kendaraan Ringan(LV)	Kendaraan Berat(HV)	Sepeda Motor(MC)	
10.00-10.15	33	1	15	41.8
10.16-10.30	24	2	19	36.1
10.31-10.45	13	1	12	20.3
10.46-11.00	22	1	17	31.8
11.01-11.15	13	0	18	22
11.16-11.30	12	1	9	17.8
11.31-11.45	14	1	12	21.3
11.46-12.00	22	2	23	36.1
12.01-12.15	12	0	15	19.5
12.16-12.30	22	1	14	30.3
12.31-12.45	19	2	24	33.6
12.46-13.00	26	0	20	36
13.01-13.15	27	1	20	38.3
13.16-13.30	19	2	20	31.6
13.31-13.45	15	2	17	26.1
13.46-14.00	19	1	14	27.3
14.01-14.15	27	4	29	46.7
14.16-14.30	22	3	17	34.4
14.31-14.45	29	0	22	40
14.46-15.00	17	1	16	26.3
15.01-15.15	15	0	18	24
15.16-15.30	25	1	21	36.8
15.31-15.45	25	2	32	43.6
15.46-16.00	22	0	20	32
16.01-16.15	19	0	32	35
16.16-16.30	20	0	23	31.5
16.31-16.45	21	0	20	31
16.46-17.00	16	0	42	37
17.01-17.15	19	0	15	26.5
17.16-17.30	27	1	16	36.3
17.31-17.45	20	1	24	33.3
17.46-18.00	26	0	20	36
18.01-18.15	12	0	19	21.5
18.16-18.30	23	0	5	25.5
18.31-18.45	25	0	17	33.5
18.46-19.00	25	0	20	35
19.01-19.15	23	0	25	35.5
19.16-19.30	26	0	19	35.5
19.31-19.45	21	0	23	32.5
19.46-20.00	20	0	18	29
20.01-20.15	17	0	24	29
20.16-20.30	10	0	20	20
20.31-20.45	15	0	17	23.5
20.46-21.00	3	0	5	5.5
Total	882	31	848	1346.3

TABEL ARUS LALU LINTAS

Hari/Tgl. : Sabtu/28 April 2001
 Lokasi : Jalan Setiabudi di depan Swalayan Ada, Semarang
 Posisi : Jalan Utama Lengan II (Total)
 Cuaca : Cerah

Waktu Tiap 15 Menit	Jumlah Kendaraan			Arus (Q) smp/15 menit
	Kendaraan Ringan(LV)	Kendaraan Berat(HV)	Sepeda Motor(MC)	
10.00-10.15	281	152	273	615.1
10.16-10.30	318	196	274	709.8
10.31-10.45	307	175	396	732.5
10.46-11.00	454	311	399	1057.8
11.01-11.15	430	233	383	924.4
11.16-11.30	328	230	281	767.5
11.31-11.45	249	196	227	617.3
11.46-12.00	293	209	236	682.7
12.01-12.15	235	155	205	539
12.16-12.30	264	118	231	532.9
12.31-12.45	241	142	242	546.6
12.46-13.00	254	133	245	549.4
13.01-13.15	245	280	287	752.5
13.16-13.30	380	249	305	856.2
13.31-13.45	324	243	296	787.9
13.46-14.00	296	204	219	670.7
14.01-14.15	335	169	244	676.7
14.16-14.30	385	104	247	643.7
14.31-14.45	368	98	265	627.9
14.46-15.00	372	77	229	586.6
15.01-15.15	346	89	192	557.7
15.16-15.30	329	68	188	511.4
15.31-15.45	327	90	222	555
15.46-16.00	368	166	290	728.8
16.01-16.15	296	90	252	539
16.16-16.30	299	84	251	533.7
16.31-16.45	353	88	255	594.9
16.46-17.00	324	72	263	549.1
17.01-17.15	292	75	225	502
17.16-17.30	387	101	263	649.8
17.31-17.45	357	112	277	641.1
17.46-18.00	292	106	213	536.3
18.01-18.15	310	84	122	480.2
18.16-18.30	316	113	327	626.4
18.31-18.45	390	100	250	645
18.46-19.00	515	122	312	829.6
19.01-19.15	334	58	261	539.9
19.16-19.30	332	86	304	595.8
19.31-19.45	419	72	295	660.1
19.46-20.00	352	64	286	578.2
20.01-20.15	359	61	278	577.3
20.16-20.30	340	53	262	539.9
20.31-20.45	264	48	207	429.9
20.46-21.00	112	12	85	170.1
Total	14372	5688	11364	27448.4

TABEL ARUS LALU LINTAS

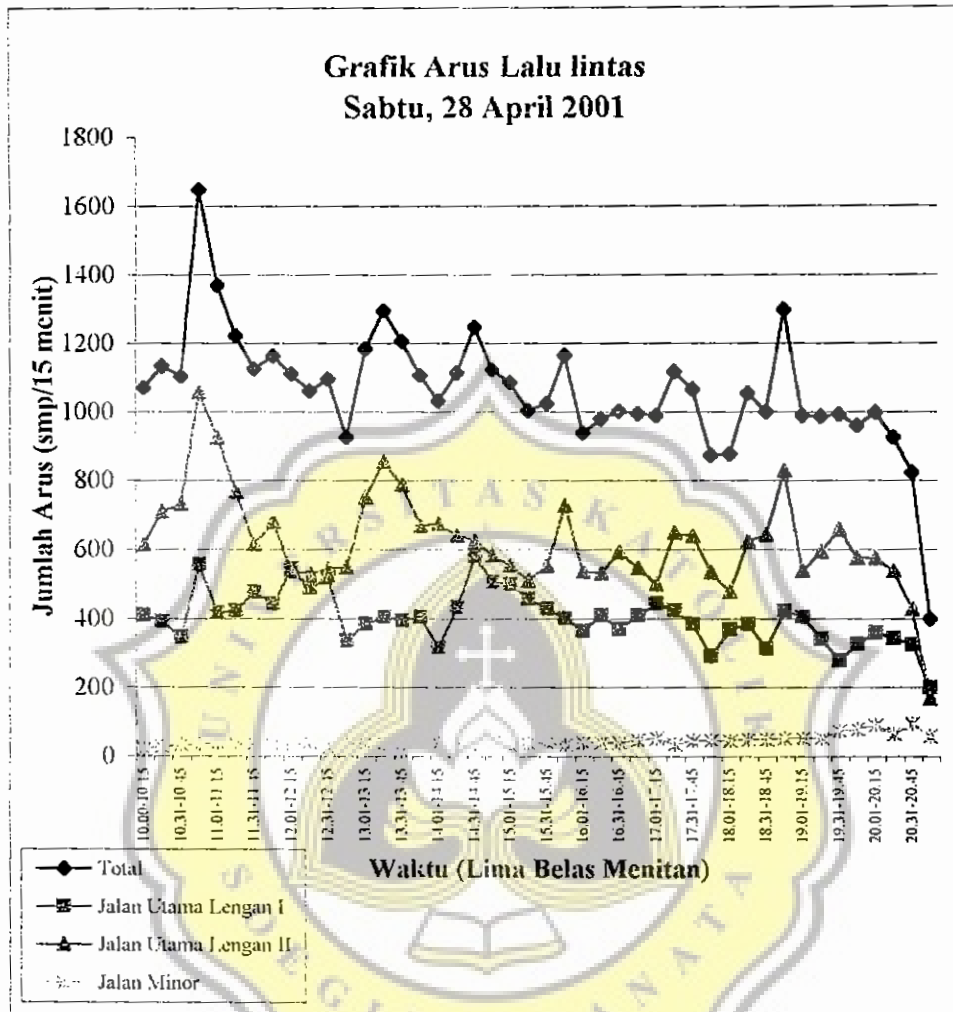
Hari/Tgl. : Sabtu/28 April 2001
 Lokasi : Jalan Setiabudi di depan Swalayan Ada, Semarang
 Posisi : Jalan Minor
 Cuaca : Cerah
 Surveyor : Zaki

Waktu Tiap 15 Menit	Jumlah Kendaraan			Arus (Q) smp/15 menit
	Kendaraan Ringan(LV)	Kendaraan Berat(HV)	Sepeda Motor(MC)	
10.00-10.15	11	2	19	23.1
10.16-10.30	18	0	19	27.5
10.31-10.45	22	1	19	32.8
10.46-11.00	24	0	24	36
11.01-11.15	25	1	25	38.8
11.16-11.30	18	0	34	35
11.31-11.45	21	0	34	38
11.46-12.00	20	0	28	34
12.01-12.15	17	1	30	33.3
12.16-12.30	25	1	31	41.8
12.31-12.45	11	0	25	23.5
12.46-13.00	24	1	26	38.3
13.01-13.15	21	1	34	39.3
13.16-13.30	27	1	23	39.8
13.31-13.45	9	0	17	17.5
13.46-14.00	19	0	23	30.5
14.01-14.15	27	0	26	40
14.16-14.30	22	0	29	36.5
14.31-14.45	25	0	18	34
14.46-15.00	29	0	28	43
15.01-15.15	18	2	21	31.1
15.16-15.30	30	0	19	39.5
15.31-15.45	27	0	30	42
15.46-16.00	23	0	24	35
16.01-16.15	25	1	29	40.8
16.16-16.30	27	0	29	41.5
16.31-16.45	24	0	33	40.5
16.46-17.00	29	1	38	49.3
17.01-17.15	32	0	44	54
17.16-17.30	19	0	32	35
17.31-17.45	27	0	38	46
17.46-18.00	29	0	40	49
18.01-18.15	31	0	32	47
18.16-18.30	31	0	40	51
18.31-18.45	34	0	34	51
18.46-19.00	35	0	39	54.5
19.01-19.15	34	0	40	54
19.16-19.30	30	0	49	54.5
19.31-19.45	42	0	65	74.5
19.46-20.00	45	0	70	80
20.01-20.15	49	0	87	92.5
20.16-20.30	33	1	61	64.8
20.31-20.45	42	0	107	95.5
20.46-21.00	32	0	55	59.5
Total	1163	14	1568	1965.2

TABEL ARUS LALU LINTAS

Hari/Tgl. : Sabtu/28 April 2001
 Lokasi : Jalan Setiabudi di depan Swalayan Ada, Semarang
 Posisi : Jalan Total (Lengan Utama I + Lengan Utama II + Lengan Minor)
 Cuaca : Cerah

Waktu Tiap 15 Menit	Jumlah Kendaraan			Arus (Q) smp/15 menit
	Kendaraan Ringan(LV)	Kendaraan Berat(HV)	Sepeda Motor(MC)	
10.00-10.15	564	174	562	1071.2
10.16-10.30	566	214	582	1135.2
10.31-10.45	546	191	620	1104.3
10.46-11.00	841	333	748	1647.9
11.01-11.15	718	251	653	1370.8
11.16-11.30	601	252	586	1221.6
11.31-11.45	583	216	527	1127.3
11.46-12.00	622	216	522	1163.8
12.01-12.15	619	177	527	1112.6
12.16-12.30	607	144	534	1061.2
12.31-12.45	591	162	592	1097.6
12.46-13.00	488	149	492	927.7
13.01-13.15	498	301	591	1184.8
13.16-13.30	641	267	616	1296.1
13.31-13.45	579	261	580	1208.3
13.46-14.00	557	231	502	1108.3
14.01-14.15	558	184	474	1034.2
14.16-14.30	680	117	569	1116.6
14.31-14.45	772	113	660	1248.9
14.46-15.00	700	93	610	1125.9
15.01-15.15	664	109	565	1088.2
15.16-15.30	616	88	549	1004.9
15.31-15.45	608	108	555	1025.9
15.46-16.00	621	185	611	1167
16.01-16.15	528	110	538	940
16.16-16.30	554	95	608	981.5
16.31-16.45	576	104	586	1004.2
16.46-17.00	570	87	628	997.1
17.01-17.15	564	93	611	990.4
17.16-17.30	640	114	663	1119.7
17.31-17.45	611	129	577	1067.2
17.46-18.00	484	120	470	875
18.01-18.15	535	104	416	878.2
18.16-18.30	566	126	654	1056.8
18.31-18.45	616	110	487	1002.5
18.46-19.00	811	138	616	1298.4
19.01-19.15	627	66	556	990.8
19.16-19.30	573	102	568	989.6
19.31-19.45	618	82	538	993.6
19.46-20.00	537	71	664	961.3
20.01-20.15	582	66	663	999.3
20.16-20.30	550	60	599	927.5
20.31-20.45	477	51	563	824.8
20.46-21.00	231	16	302	402.8
Total	26090	6380	25134	46951







**LAMPIRAN 2 : TABEL ARUS LALU LINTAS
MINGGU, 29 APRIL 2001**

TABEL ARUS LALU LINTAS

Hari/Tgl. : Minggu/29 April 2001
 Lokasi : Jalan Setiabudi di depan Swalayan Ada, Semarang
 Posisi : Jalan Utama Lengan I
 Cuaca : Cerah
 Surveyor : Damas, Edi

Waktu Tiap 15 Menit	Jumlah Kendaraan			Arus (Q) smp/15 menit
	Kendaraan Ringan(LV)	Kendaraan Berat(HV)	Sepeda Motor(MC)	
10.00-10.15	138	9	130	214.7
10.16-10.30	217	10	263	361.5
10.31-10.45	246	17	280	408.1
10.46-11.00	252	11	315	423.8
11.01-11.15	314	15	260	463.5
11.16-11.30	221	13	306	390.9
11.31-11.45	330	21	273	493.8
11.46-12.00	283	11	234	414.3
12.01-12.15	309	11	235	440.8
12.16-12.30	237	14	204	357.2
12.31-12.45	229	15	225	361
12.46-13.00	222	15	235	359
13.01-13.15	220	13	210	341.9
13.16-13.30	224	16	215	352.3
13.31-13.45	225	15	170	329.5
13.46-14.00	261	17	265	415.6
14.01-14.15	183	9	193	291.2
14.16-14.30	196	15	212	321.5
14.31-14.45	222	14	235	357.7
14.46-15.00	197	12	180	302.6
15.01-15.15	187	11	181	291.8
15.16-15.30	180	9	186	284.7
15.31-15.45	182	15	237	320
15.46-16.00	200	15	229	334
16.01-16.15	177	14	223	306.7
16.16-16.30	187	15	244	328.5
16.31-16.45	188	7	196	295.1
16.46-17.00	187	11	261	331.8
17.01-17.15	174	14	214	299.2
17.16-17.30	176	16	248	320.8
17.31-17.45	200	17	229	336.6
17.46-18.00	157	8	198	266.4
18.01-18.15	193	16	220	323.8
18.16-18.30	166	22	207	298.1
18.31-18.45	223	12	270	373.6
18.46-19.00	185	13	241	322.4
19.01-19.15	166	7	229	289.6
19.16-19.30	173	9	202	285.7
19.31-19.45	183	4	204	290.2
19.46-20.00	162	3	179	255.4
20.01-20.15	157	9	198	267.7
20.16-20.30	150	5	156	234.5
20.31-20.45	134	6	137	210.3
20.46-21.00	89	1	93	136.8
Total	8902	532	9622	14404.6

TABEL ARUS LALU LINTAS

Hari/Tgl. : Minggu/29 April 2001
 Lokasi : Jalan Setiabudi di depan Swalayan Ada, Semarang
 Posisi : Jalan Utama Lengan II (Pos. 2)
 Cuaca : Cerah
 Surveyor : Aji, Arif

Waktu Tiap 15 Menit	Jumlah Kendaraan			Arus (Q) smp/15 menit
	Kendaraan Ringan(LV)	Kendaraan Berat(HV)	Sepeda Motor(MC)	
10.00-10.15	257	35	182	393.5
10.16-10.30	322	47	226	496.1
10.31-10.45	296	42	226	463.6
10.46-11.00	304	39	246	477.7
11.01-11.15	294	48	180	446.4
11.16-11.30	321	55	209	497
11.31-11.45	348	73	183	534.4
11.46-12.00	327	65	172	497.5
12.01-12.15	226	38	113	331.9
12.16-12.30	233	40	118	344
12.31-12.45	272	58	157	425.9
12.46-13.00	347	47	171	493.6
13.01-13.15	338	38	155	464.9
13.16-13.30	327	52	153	471.1
13.31-13.45	335	60	143	484.5
13.46-14.00	335	65	161	500
14.01-14.15	239	69	133	395.2
14.16-14.30	283	91	133	467.8
14.31-14.45	298	60	173	462.5
14.46-15.00	365	77	203	566.6
15.01-15.15	318	72	158	490.6
15.16-15.30	314	65	197	497
15.31-15.45	443	108	333	749.9
15.46-16.00	370	92	305	642.1
16.01-16.15	288	130	306	610
16.16-16.30	397	164	275	747.7
16.31-16.45	368	117	250	645.1
16.46-17.00	373	84	225	594.7
17.01-17.15	380	100	276	648
17.16-17.30	398	77	253	624.6
17.31-17.45	378	50	262	574
17.46-18.00	388	64	283	612.7
18.01-18.15	343	120	277	637.5
18.16-18.30	333	84	238	561.2
18.31-18.45	335	72	210	533.6
18.46-19.00	308	122	160	546.6
19.01-19.15	278	91	157	474.8
19.16-19.30	193	90	143	381.5
19.31-19.45	278	85	188	482.5
19.46-20.00	258	37	158	385.1
20.01-20.15	207	51	160	353.3
20.16-20.30	263	48	123	386.9
20.31-20.45	233	40	129	349.5
20.46-21.00	51	13	26	80.9
Total	13562	3075	8529	21824

TABEL ARUS LALU LINTAS

Hari/Tgl. : Minggu/29 April 2001
 Lokasi : Jalan Setiabudi di depan Swalayan Ada, Semarang
 Posisi : Jalan Utama Lengan II (Pos. 3)
 Cuaca : Cerah
 Surveyor : Yusuf

Waktu Tiap 15 Menit	Jumlah Kendaraan			Arus (Q) smp/15 menit
	Kendaraan Ringan(LV)	Kendaraan Berat(HV)	Sepeda Motor(MC)	
10.00-10.15	20	1	14	28.3
10.16-10.30	25	0	28	39
10.31-10.45	13	0	13	19.5
10.46-11.00	15	1	18	25.3
11.01-11.15	22	0	18	31
11.16-11.30	11	0	11	16.5
11.31-11.45	16	1	9	21.8
11.46-12.00	20	0	15	27.5
12.01-12.15	16	1	8	21.3
12.16-12.30	19	1	12	26.3
12.31-12.45	17	0	14	24
12.46-13.00	18	0	15	25.5
13.01-13.15	21	0	11	26.5
13.16-13.30	15	1	14	23.3
13.31-13.45	15	0	8	19
13.46-14.00	18	0	10	23
14.01-14.15	9	0	13	15.5
14.16-14.30	6	1	10	12.3
14.31-14.45	15	0	13	21.5
14.46-15.00	15	0	9	19.5
15.01-15.15	17	0	11	22.5
15.16-15.30	13	0	12	19
15.31-15.45	9	1	11	15.8
15.46-16.00	17	0	18	26
16.01-16.15	14	0	15	21.5
16.16-16.30	14	0	14	21
16.31-16.45	10	0	14	17
16.46-17.00	21	0	15	28.5
17.01-17.15	20	3	22	34.9
17.16-17.30	15	1	15	23.8
17.31-17.45	16	5	17	31
17.46-18.00	14	1	20	25.3
18.01-18.15	15	1	18	25.3
18.16-18.30	18	2	20	30.6
18.31-18.45	15	2	18	26.6
18.46-19.00	27	0	11	32.5
19.01-19.15	16	0	10	21
19.16-19.30	17	1	23	29.8
19.31-19.45	10	1	8	15.3
19.46-20.00	9	2	12	17.6
20.01-20.15	12	1	14	20.3
20.16-20.30	14	3	11	23.4
20.31-20.45	3	3	14	13.9
20.46-21.00	6	0	10	11
Total	668	34	616	1020.2

TABEL ARUS LALU LINTAS

Hari/Tgl. : Minggu/29 April 2001
 Lokasi : Jalan Setiabudi di depan Swalayan Ada, Semarang
 Posisi : Jalan Utama Lengan II (Total)
 Cuaca : Cerah

Waktu Tiap 15 Menit	Jumlah Kendaraan			Arus (Q) smp/15 menit
	Kendaraan Ringan(LV)	Kendaraan Berat(HV)	Sepeda Motor(MC)	
10.00-10.15	277	36	196	421.8
10.16-10.30	347	47	254	535.1
10.31-10.45	309	42	239	483.1
10.46-11.00	319	40	264	503
11.01-11.15	316	48	198	477.4
11.16-11.30	332	55	220	513.5
11.31-11.45	364	74	192	556.2
11.46-12.00	347	65	187	525
12.01-12.15	242	39	121	353.2
12.16-12.30	252	41	130	370.3
12.31-12.45	289	58	171	449.9
12.46-13.00	365	47	186	519.1
13.01-13.15	359	38	166	491.4
13.16-13.30	342	53	167	494.4
13.31-13.45	350	60	151	503.5
13.46-14.00	353	65	171	523
14.01-14.15	248	69	146	410.7
14.16-14.30	289	92	143	480.1
14.31-14.45	313	60	186	484
14.46-15.00	380	77	212	586.1
15.01-15.15	335	72	169	513.1
15.16-15.30	327	65	209	516
15.31-15.45	452	109	344	765.7
15.46-16.00	387	92	323	668.1
16.01-16.15	302	130	321	631.5
16.16-16.30	411	164	289	768.7
16.31-16.45	378	117	264	662.1
16.46-17.00	394	84	240	623.2
17.01-17.15	400	103	298	682.9
17.16-17.30	413	78	268	648.4
17.31-17.45	394	55	279	605
17.46-18.00	402	65	303	638
18.01-18.15	358	121	295	662.8
18.16-18.30	351	86	258	591.8
18.31-18.45	350	74	228	560.2
18.46-19.00	335	122	171	579.1
19.01-19.15	294	91	167	495.8
19.16-19.30	210	91	166	411.3
19.31-19.45	288	86	196	497.8
19.46-20.00	267	39	170	402.7
20.01-20.15	219	52	174	373.6
20.16-20.30	277	51	134	410.3
20.31-20.45	236	43	143	363.4
20.46-21.00	57	13	36	91.9
Total	14230	3109	9145	22844.2

TABEL ARUS LALU LINTAS

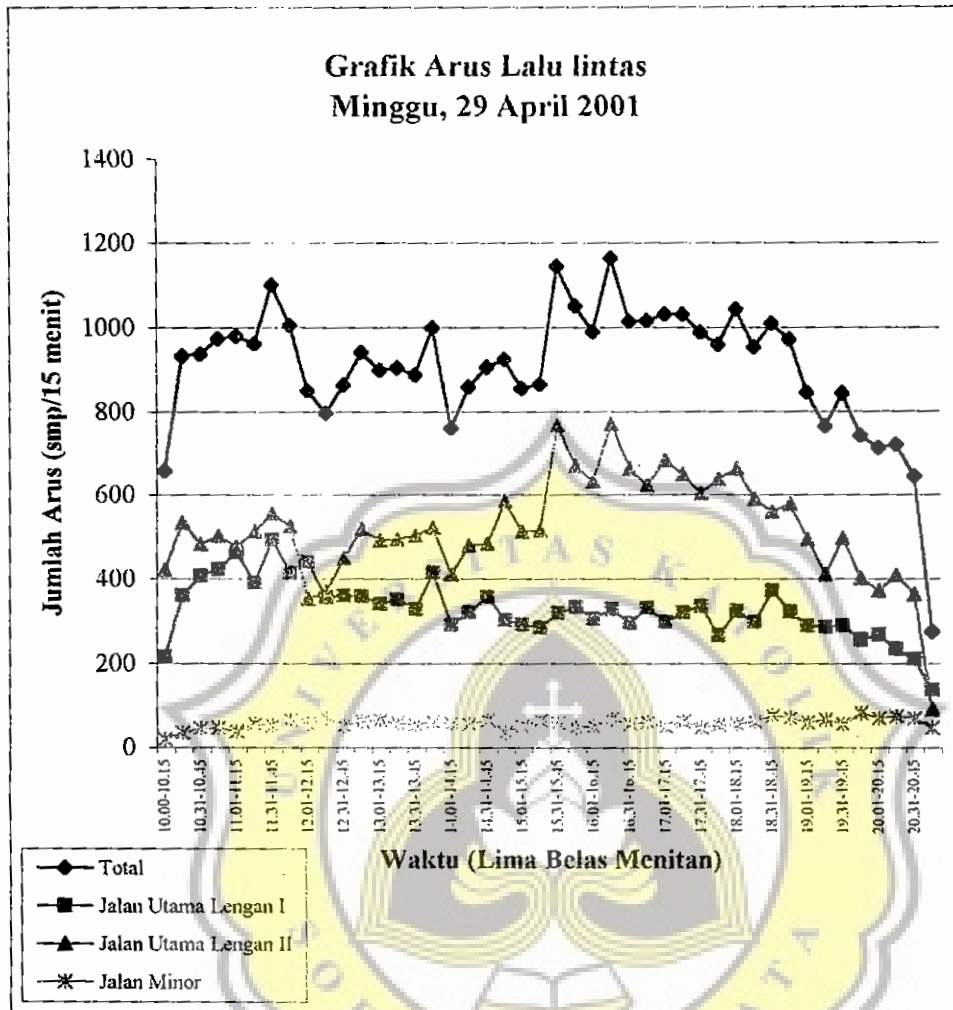
Hari/Tgl. : Minggu/29 April 2001
 Lokasi : Jalan Setiabudi di depan Swalayan Ada, Semarang
 Posisi : Jalan Minor
 Cuaca : Cerah
 Surveyor : Zaki

Waktu Tiap 15 Menit	Jumlah Kendaraan			Arus (Q) smp/15 menit
	Kendaraan Ringan(LV)	Kendaraan Berat(HV)	Sepeda Motor(MC)	
10.00-10.15	13	0	15	20.5
10.16-10.30	22	0	26	35
10.31-10.45	29	0	32	45
10.46-11.00	32	0	29	46.5
11.01-11.15	26	1	22	38.3
11.16-11.30	38	0	37	56.5
11.31-11.45	35	0	34	52
11.46-12.00	46	1	37	65.8
12.01-12.15	42	0	28	56
12.16-12.30	50	0	39	69.5
12.31-12.45	36	1	30	52.3
12.46-13.00	40	1	43	62.8
13.01-13.15	44	0	42	65
13.16-13.30	38	0	40	58
13.31-13.45	39	0	31	54.5
13.46-14.00	42	0	38	61
14.01-14.15	41	0	34	58
14.16-14.30	44	0	26	57
14.31-14.45	47	0	36	65
14.46-15.00	26	0	21	36.5
15.01-15.15	33	0	37	51.5
15.16-15.30	48	0	34	65
15.31-15.45	40	0	39	59.5
15.46-16.00	32	0	34	49
16.01-16.15	34	1	33	51.8
16.16-16.30	50	0	35	67.5
16.31-16.45	33	1	45	56.8
16.46-17.00	35	0	51	60.5
17.01-17.15	31	0	38	50
17.16-17.30	41	0	43	62.5
17.31-17.45	34	0	27	47.5
17.46-18.00	27	1	54	55.3
18.01-18.15	36	0	42	57
18.16-18.30	39	0	48	63
18.31-18.45	47	1	57	76.8
18.46-19.00	41	0	60	71
19.01-19.15	39	0	42	60
19.16-19.30	41	0	51	66.5
19.31-19.45	30	0	53	56.5
19.46-20.00	54	0	56	82
20.01-20.15	41	0	59	70.5
20.16-20.30	53	0	44	75
20.31-20.45	50	0	40	70
20.46-21.00	23	0	49	47.5
Total	1662	8	1711	2527.9

TABEL ARUS LALU LINTAS

Hari/Tgl. : Minggu/29 April 2001
 Lokasi : Jalan Setiabudi di depan Swalayan Ada, Semarang
 Posisi : Jalan Total (Lengan Utama I + Lengan Utama II + Lengan Minor)
 Cuaca : Cerah

Waktu Tiap 15 Menit	Jumlah Kendaraan			Arus (Q) smp/15 menit
	Kendaraan Ringan(LV)	Kendaraan Berat(HV)	Sepeda Motor(MC)	
10.00-10.15	428	45	341	657
10.16-10.30	586	57	543	931.6
10.31-10.45	584	59	551	936.2
10.46-11.00	603	51	608	973.3
11.01-11.15	656	64	480	979.2
11.16-11.30	591	68	563	960.9
11.31-11.45	729	95	499	1102
11.46-12.00	676	77	458	1005.1
12.01-12.15	593	50	384	850
12.16-12.30	539	55	373	797
12.31-12.45	554	74	426	863.2
12.46-13.00	627	63	464	940.9
13.01-13.15	623	51	418	898.3
13.16-13.30	604	69	422	904.7
13.31-13.45	614	75	352	887.5
13.46-14.00	656	82	474	999.6
14.01-14.15	472	78	373	759.9
14.16-14.30	529	107	381	858.6
14.31-14.45	582	74	457	906.7
14.46-15.00	603	89	413	925.2
15.01-15.15	555	83	387	856.4
15.16-15.30	555	74	429	865.7
15.31-15.45	674	124	620	1145.2
15.46-16.00	619	107	586	1051.1
16.01-16.15	513	145	577	990
16.16-16.30	648	179	568	1164.7
16.31-16.45	599	125	505	1014
16.46-17.00	616	95	552	1015.5
17.01-17.15	605	117	550	1032.1
17.16-17.30	630	94	559	1031.7
17.31-17.45	628	72	535	989.1
17.46-18.00	586	74	555	959.7
18.01-18.15	587	137	557	1043.6
18.16-18.30	556	108	513	952.9
18.31-18.45	620	87	555	1010.6
18.46-19.00	561	135	472	972.5
19.01-19.15	499	98	438	845.4
19.16-19.30	424	100	419	763.5
19.31-19.45	501	90	453	844.5
19.46-20.00	483	42	405	740.1
20.01-20.15	417	61	431	711.8
20.16-20.30	480	56	334	719.8
20.31-20.45	420	49	320	643.7
20.46-21.00	169	14	178	276.2
Total	24794	3649	20478	39776.7





**LAMPIRAN 3 : TABEL ARUS LALU LINTAS
KAMIS, 3 MEI 2001**



TABEL ARUS LALU LINTAS

Hari/Tgl. : Kamis/3 Mei 2001
 Lokasi : Jalan Setiabudi di depan Swalayan Ada, Semarang
 Posisi : Jalan Utama Lengan I
 Cuaca : Cerah
 Surveyor : Zaki

Waktu Tiap 15 Menit	Jumlah Kendaraan			Arus (Q) smp/15 menit
	Kendaraan Ringan(LV)	Kendaraan Berat(HV)	Sepeda Motor(MC)	
10.00-10.15	108	13	162	205.9
10.16-10.30	142	13	212	264.9
10.31-10.45	137	19	195	259.2
10.46-11.00	149	22	181	268.1
11.01-11.15	117	19	209	246.2
11.16-11.30	144	19	208	272.7
11.31-11.45	149	27	216	292.1
11.46-12.00	207	27	268	376.1
12.01-12.15	185	21	231	327.8
12.16-12.30	126	22	218	263.6
12.31-12.45	170	21	265	329.8
12.46-13.00	178	15	238	316.5
13.01-13.15	165	13	200	281.9
13.16-13.30	161	17	158	262.1
13.31-13.45	168	14	171	271.7
13.46-14.00	193	17	266	348.1
14.01-14.15	161	21	244	310.3
14.16-14.30	245	27	215	387.6
14.31-14.45	176	12	263	323.1
14.46-15.00	202	18	283	366.9
15.01-15.15	188	19	234	329.7
15.16-15.30	176	27	242	332.1
15.31-15.45	168	23	243	319.4
15.46-16.00	196	15	253	342
16.01-16.15	195	15	251	340
16.16-16.30	170	25	240	322.5
16.31-16.45	213	14	241	351.7
16.46-17.00	169	11	248	307.3
17.01-17.15	213	17	278	374.1
17.16-17.30	218	16	291	384.3
17.31-17.45	199	19	233	340.2
17.46-18.00	197	23	258	355.9
18.01-18.15	178	19	208	306.7
18.16-18.30	147	16	187	261.3
18.31-18.45	149	11	180	253.3
18.46-19.00	158	11	183	263.8
19.01-19.15	133	8	173	229.9
19.16-19.30	158	4	188	257.2
19.31-19.45	148	7	173	243.6
19.46-20.00	138	3	138	210.9
20.01-20.15	132	2	156	212.6
20.16-20.30	113	0	138	182
20.31-20.45	108	5	122	175.5
20.46-21.00	36	0	38	55
Total	7183	687	9299	12725.6

TABEL ARUS LALU LINTAS

Hari/Tgl. : Kamis/3 Mei 2001
 Lokasi : Jalan Setiabudi di depan Swalayan Ada, Semarang
 Posisi : Jalan Utama Lengan II (Pos. 2)
 Cuaca : Cerah
 Surveyor : Hendro, Arif

Waktu Tiap 15 Menit	Jumlah Kendaraan			Arus (Q) smp/15 menit
	Kendaraan Ringan(LV)	Kendaraan Berat(HV)	Sepeda Motor(MC)	
10.00-10.15	192	57	175	353.6
10.16-10.30	285	136	273	598.3
10.31-10.45	178	84	273	423.7
10.46-11.00	203	105	205	442
11.01-11.15	219	84	202	429.2
11.16-11.30	217	72	206	413.6
11.31-11.45	235	87	243	469.6
11.46-12.00	209	75	198	405.5
12.01-12.15	202	66	151	363.3
12.16-12.30	230	72	146	396.6
12.31-12.45	241	90	123	419.5
12.46-13.00	239	83	147	420.4
13.01-13.15	219	75	177	405
13.16-13.30	233	72	149	401.1
13.31-13.45	182	81	155	364.8
13.46-14.00	140	76	154	315.8
14.01-14.15	158	85	198	367.5
14.16-14.30	149	52	148	290.6
14.31-14.45	233	65	180	407.5
14.46-15.00	240	63	196	419.9
15.01-15.15	213	71	197	403.8
15.16-15.30	176	75	105	326
15.31-15.45	141	57	125	277.6
15.46-16.00	238	94	133	426.7
16.01-16.15	185	76	129	348.3
16.16-16.30	130	42	92	230.6
16.31-16.45	254	98	277	519.9
16.46-17.00	207	93	167	411.4
17.01-17.15	192	82	159	378.1
17.16-17.30	195	69	152	360.7
17.31-17.45	254	81	137	427.8
17.46-18.00	271	88	150	460.4
18.01-18.15	74	103	183	299.4
18.16-18.30	102	106	231	355.3
18.31-18.45	167	67	101	304.6
18.46-19.00	326	122	156	562.6
19.01-19.15	257	93	150	452.9
19.16-19.30	212	50	83	318.5
19.31-19.45	136	81	112	297.3
19.46-20.00	88	80	113	248.5
20.01-20.15	167	68	67	288.9
20.16-20.30	103	72	127	260.1
20.31-20.45	74	46	85	176.3
20.46-21.00	46	20	24	84
Total	8412	3414	6954	16327.2

TABEL ARUS LALU LINTAS

Hari/Tgl. : Kamis/3 Mei 2001
 Lokasi : Jalan Setiabudi di depan Swalayan Ada, Semarang
 Posisi : Jalan Utama Lengan II (Pos. 3)
 Cuaca : Cerah
 Surveyor : Purada, Agustinus

Waktu Tiap 15 Menit	Jumlah Kendaraan			Arus (Q) smp/15 menit
	Kendaraan Ringan(LV)	Kendaraan Berat(HV)	Sepeda Motor(MC)	
10.00-10.15	25	0	17	33.5
10.16-10.30	22	4	23	38.7
10.31-10.45	22	2	22	35.6
10.46-11.00	19	1	17	28.8
11.01-11.15	6	0	21	16.5
11.16-11.30	14	1	22	26.3
11.31-11.45	20	1	14	28.3
11.46-12.00	12	2	14	21.6
12.01-12.15	9	1	15	17.8
12.16-12.30	18	1	26	32.3
12.31-12.45	14	1	15	22.8
12.46-13.00	17	0	25	29.5
13.01-13.15	21	2	30	38.6
13.16-13.30	14	0	17	22.5
13.31-13.45	18	1	14	26.3
13.46-14.00	25	0	19	34.5
14.01-14.15	18	0	19	27.5
14.16-14.30	10	1	19	20.8
14.31-14.45	12	1	18	22.3
14.46-15.00	9	2	19	21.1
15.01-15.15	15	0	16	23
15.16-15.30	12	0	20	22
15.31-15.45	10	0	24	22
15.46-16.00	17	1	19	27.8
16.01-16.15	34	1	24	47.3
16.16-16.30	21	0	36	39
16.31-16.45	25	0	27	38.5
16.46-17.00	19	0	30	34
17.01-17.15	11	0	22	22
17.16-17.30	17	0	20	27
17.31-17.45	18	0	25	30.5
17.46-18.00	14	0	23	25.5
18.01-18.15	15	0	29	29.5
18.16-18.30	17	1	27	31.8
18.31-18.45	25	0	24	37
18.46-19.00	19	0	25	31.5
19.01-19.15	21	0	24	33
19.16-19.30	24	0	17	32.5
19.31-19.45	16	0	21	26.5
19.46-20.00	12	0	19	21.5
20.01-20.15	14	0	13	20.5
20.16-20.30	19	0	14	26
20.31-20.45	8	0	5	10.5
20.46-21.00	16	0	12	22
Total	744	24	902	1226.2

TABEL ARUS LALU LINTAS

Hari/Tgl. : Kamis/03 Mei 2001
 Lokasi : Jalan Setiabudi di depan Swalayan Ada, Semarang
 Posisi : Jalan Utama Lengan II (Total)
 Cuaca : Cerah

Waktu Tiap 15 Menit	Jumlah Kendaraan			Arus (Q) smp/15 menit
	Kendaraan Ringan(LV)	Kendaraan Berat(HV)	Sepeda Motor(MC)	
10.00-10.15	217	57	192	387.1
10.16-10.30	307	140	296	637
10.31-10.45	200	86	295	459.3
10.46-11.00	222	106	222	470.8
11.01-11.15	225	84	223	445.7
11.16-11.30	231	73	228	439.9
11.31-11.45	255	88	257	497.9
11.46-12.00	221	77	212	427.1
12.01-12.15	211	67	166	381.1
12.16-12.30	248	73	172	428.9
12.31-12.45	255	91	138	442.3
12.46-13.00	256	83	172	449.9
13.01-13.15	240	77	207	443.6
13.16-13.30	247	72	166	423.6
13.31-13.45	200	82	169	391.1
13.46-14.00	165	76	173	350.3
14.01-14.15	176	85	217	395
14.16-14.30	159	53	167	311.4
14.31-14.45	245	66	198	429.8
14.46-15.00	249	65	215	441
15.01-15.15	228	71	213	426.8
15.16-15.30	188	75	125	348
15.31-15.45	151	57	149	299.6
15.46-16.00	255	95	152	454.5
16.01-16.15	219	77	153	395.6
16.16-16.30	151	42	128	269.6
16.31-16.45	279	98	304	558.4
16.46-17.00	226	93	197	445.4
17.01-17.15	203	82	181	400.1
17.16-17.30	212	69	172	387.7
17.31-17.45	272	81	162	458.3
17.46-18.00	285	88	173	485.9
18.01-18.15	89	103	212	328.9
18.16-18.30	119	107	258	387.1
18.31-18.45	192	67	125	341.6
18.46-19.00	345	122	181	594.1
19.01-19.15	278	93	174	485.9
19.16-19.30	236	50	100	351
19.31-19.45	152	81	133	323.8
19.46-20.00	100	80	132	270
20.01-20.15	181	68	80	309.4
20.16-20.30	122	72	141	286.1
20.31-20.45	82	46	90	186.8
20.46-21.00	62	20	36	106
Total	9156	3438	7856	17553.4

TABEL ARUS LALU LINTAS

Hari/Tgl. : Kamis/3 Mei 2001
 Lokasi : Jalan Setiabudi di depan Swalayan Ada, Semarang
 Posisi : Jalan Minor
 Cuaca : Cerah
 Surveyor : Ueok

Waktu Tiap 15 Menit	Jumlah Kendaraan			Arus (Q) smp/15 menit
	Kendaraan Ringan(LV)	Kendaraan Berat(HV)	Sepeda Motor(MC)	
10.00-10.15	12	4	10	22.2
10.16-10.30	12	1	23	24.8
10.31-10.45	15	1	23	27.8
10.46-11.00	13	1	20	24.3
11.01-11.15	15	2	19	27.1
11.16-11.30	11	1	22	23.3
11.31-11.45	21	3	24	36.9
11.46-12.00	18	2	30	35.6
12.01-12.15	18	2	25	33.1
12.16-12.30	21	4	26	39.2
12.31-12.45	18	0	24	30
12.46-13.00	15	1	33	32.8
13.01-13.15	28	5	25	47
13.16-13.30	17	2	28	33.6
13.31-13.45	21	7	25	42.6
13.46-14.00	17	0	21	27.5
14.01-14.15	12	0	22	23
14.16-14.30	14	0	35	31.5
14.31-14.45	11	0	22	22
14.46-15.00	11	0	34	28
15.01-15.15	26	0	29	40.5
15.16-15.30	13	1	33	30.8
15.31-15.45	23	0	27	36.5
15.46-16.00	19	0	26	32
16.01-16.15	19	1	26	33.3
16.16-16.30	22	0	36	40
16.31-16.45	26	2	23	40.1
16.46-17.00	15	0	25	27.5
17.01-17.15	19	0	31	34.5
17.16-17.30	16	0	41	36.5
17.31-17.45	29	0	34	46
17.46-18.00	26	0	30	41
18.01-18.15	19	0	43	40.5
18.16-18.30	16	0	28	30
18.31-18.45	16	0	36	34
18.46-19.00	19	0	41	39.5
19.01-19.15	18	0	52	44
19.16-19.30	21	0	38	40
19.31-19.45	26	0	47	49.5
19.46-20.00	31	0	62	62
20.01-20.15	32	0	60	62
20.16-20.30	29	0	48	53
20.31-20.45	50	0	83	91.5
20.46-21.00	2	0	7	5.5
Total	852	40	1397	1602.5

TABEL ARUS LALU LINTAS

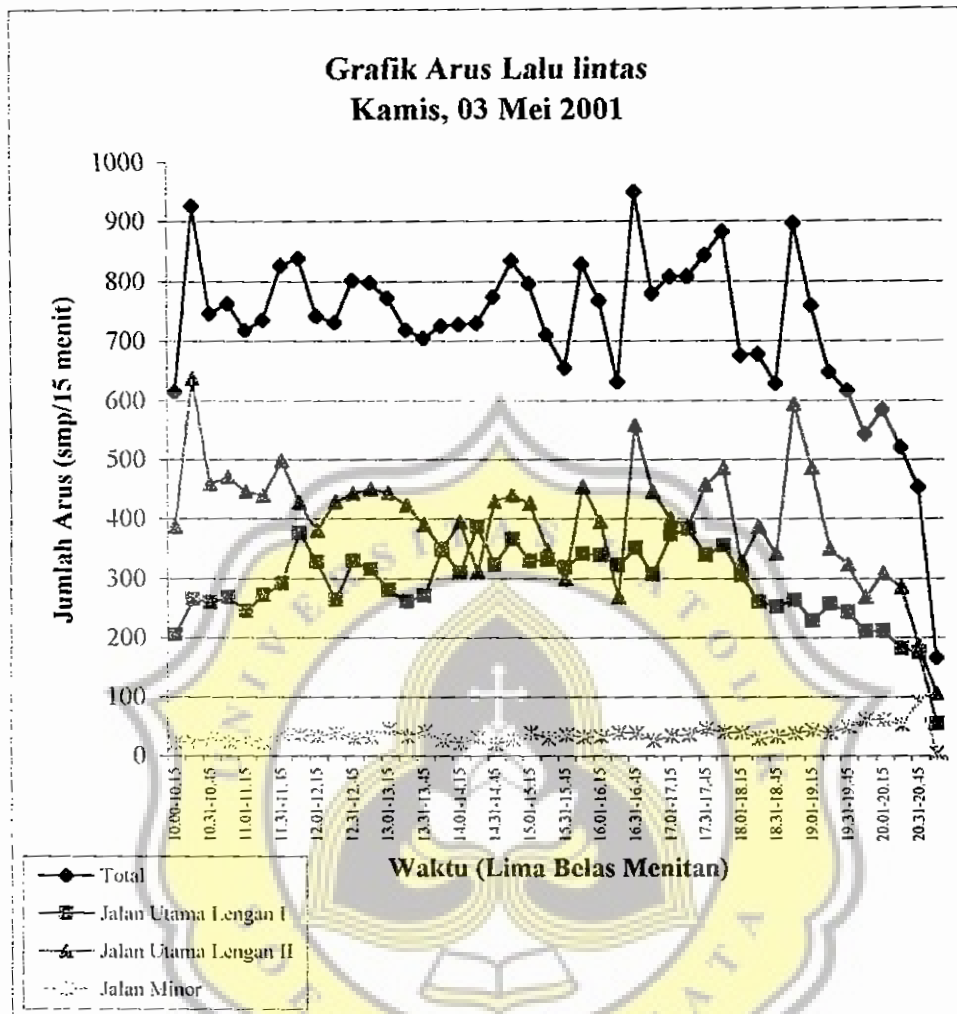
Hari/Tgl. : Kamis/03 Mei 2001

Lokasi : Jalan Setiabudi di depan Swalayan Ada, Semarang

Posisi : Jalan Total (Lengan Utama I + Lengan Utama II + Lengan Minor)

Cuaca : Cerah

Waktu Tiap 15 Menit	Jumlah Kendaraan			Arus (Q) smp/15 menit
	Kendaraan Ringan(LV)	Kendaraan Berat(HV)	Sepeda Motor(MC)	
10.00-10.15	337	74	364	615.2
10.16-10.30	461	154	531	926.7
10.31-10.45	352	106	513	746.3
10.46-11.00	384	129	423	763.2
11.01-11.15	357	105	451	719
11.16-11.30	386	93	458	735.9
11.31-11.45	425	118	497	826.9
11.46-12.00	446	106	510	838.8
12.01-12.15	414	90	422	742
12.16-12.30	395	99	416	731.7
12.31-12.45	443	112	427	802.1
12.46-13.00	449	99	443	799.2
13.01-13.15	433	95	432	772.5
13.16-13.30	425	91	352	719.3
13.31-13.45	389	103	365	705.4
13.46-14.00	375	93	460	725.9
14.01-14.15	349	106	483	728.3
14.16-14.30	418	80	417	730.5
14.31-14.45	432	78	483	774.9
14.46-15.00	462	83	532	835.9
15.01-15.15	442	90	476	797
15.16-15.30	377	103	400	710.9
15.31-15.45	342	80	419	655.5
15.46-16.00	470	110	431	828.5
16.01-16.15	433	93	430	768.9
16.16-16.30	343	67	404	632.1
16.31-16.45	518	114	568	950.2
16.46-17.00	410	104	470	780.2
17.01-17.15	435	99	490	808.7
17.16-17.30	446	85	504	808.5
17.31-17.45	500	100	429	844.5
17.46-18.00	508	111	461	882.8
18.01-18.15	286	122	463	676.1
18.16-18.30	282	123	473	678.4
18.31-18.45	357	78	341	628.9
18.46-19.00	522	133	405	897.4
19.01-19.15	429	101	399	759.8
19.16-19.30	415	54	326	648.2
19.31-19.45	326	88	353	616.9
19.46-20.00	269	83	332	542.9
20.01-20.15	345	70	296	584
20.16-20.30	264	72	327	521.1
20.31-20.45	240	51	295	453.8
20.46-21.00	100	20	81	166.5
Total	17191	4165	18552	31881.5







LAMPIRAN 4 : TABEL RASIO

TABEL PERHITUNGAN RASIO BELOK

Hari/Tgl. : Sabtu/28 April 2001
 Lokasi : Jalan Setiabudi di depan Swalayan Ada, Semarang
 Posisi : Jalan Utama Lengan I
 Cuaca : Cerah
 Surveyor : Damas, Hasto

	Jumlah Arus	Rasio Belok		Rasio Belok Total (P _T)
		Kiri (P _{LT})	Kanan (P _{RT})	
Belok Kiri (LT)		0		
Belok Kanan (RT)	1190		0.050177096	0.050177096
Jumlah Kend. Total	23716			

Hari/Tgl. : Sabtu/28 April 2001
 Lokasi : Jalan Setiabudi di depan Swalayan Ada, Semarang
 Posisi : Jalan Utama Lengan II
 Cuaca : Cerah
 Surveyor : Aji, Edi

P'bandingkan ant belok^{kanan} dg jml. kend. total

	Jumlah Kendaraan	Rasio Belok		Rasio Belok Total (P _T)
		Kiri (P _{LT})	Kanan (P _{RT})	
Belok Kiri (LT)	1476	0.047394278		
Belok Kanan (RT)	0		0	0.047394278
Jumlah Kend. Total	31143			

Hari/Tgl. : Sabtu/28 April 2001
 Lokasi : Jalan Setiabudi di depan Swalayan Ada, Semarang
 Posisi : Jalan Minor
 Cuaca : Cerah
 Surveyor : Zaki

	Jumlah Arus	Rasio Belok		Rasio Belok Total (P _T)
		Kiri (P _{LT})	Kanan (P _{RT})	
Belok Kiri (LT)	1459	0.53151184		
Belok Kanan (RT)	1286		0.46848816	1
Jumlah Kend. Total	2745			

Rasio Belok Total Sabtu/28 April 2001	Jumlah Arus	Rasio Belok		Rasio Belok Total (P _T)
		Kiri (P _{LT})	Kanan (P _{RT})	
Belok Kiri (LT)	2935	0.050951323		
Belok Kanan (RT)	2476		0.042983126	0.093934449
Jumlah Kend. Total	57604			

TABEL PERHITUNGAN RASIO BELOK

Hari/Tgl. : Minggu/29 April 2001
Lokasi : Jalan Setiabudi di depan Swalayan Ada, Semarang
Posisi : Jalan Utama Lengan I
Cuaca : Cerah
Surveyor : Damas, Edi

	Jumlah Arus	Rasio Belok		Rasio Belok Total (P _T)
		Kiri (P _{LT})	Kanan (P _{RT})	
Belok Kiri (LT)	0	0		
Belok Kanan (RT)	1309		0.068692275	0.068692275
Arus Total	19056			

Hari/Tgl. : Minggu/29 April 2001
Lokasi : Jalan Setiabudi di depan Swalayan Ada, Semarang
Posisi : Jalan Utama Lengan II
Cuaca : Cerah
Surveyor : Aji, Arif

	Jumlah Kendaraan	Rasio Belok		Rasio Belok Total (P _T)
		Kiri (P _{LT})	Kanan (P _{RT})	
Belok Kiri (LT)	1486	0.056109349		
Belok Kanan (RT)	0		0	0.056109349
Jumlah Kend. Total	26484			

Hari/Tgl. : Minggu/29 April 2001
Lokasi : Jalan Setiabudi di depan Swalayan Ada, Semarang
Posisi : Jalan Minor
Cuaca : Cerah
Surveyor : Zaki

	Jumlah Arus	Rasio Belok		Rasio Belok Total (P _T)
		Kiri (P _{LT})	Kanan (P _{RT})	
Belok Kiri (LT)	1718	0.508133688		
Belok Kanan (RT)	1663		0.491866312	1
Jumlah Kend. Total	3381			

Rasio Belok Total Minggu/29-04-2001	Jumlah Arus	Rasio Belok		Rasio Belok Total (P _T)
		Kiri (P _{LT})	Kanan (P _{RT})	
Belok Kiri (LT)	3204	0.065493346		
Belok Kanan (RT)	2972		0.060751007	0.126244353
Jumlah Kend. Total	48921			

TABEL PERHITUNGAN RASIO BELOK

Hari/Tgl. : Kamis/03 Mei 2001
Lokasi : Jalan Setiabudi di depan Swalayan Ada, Semarang
Posisi : Jalan Utama Lengan I
Cuaca : Cerah
Surveyor : Zaki

	Jumlah Arus	Rasio Belok		Rasio Belok Total (P _T)
		Kiri (P _{LT})	Kanan (P _{RT})	
Belok Kiri (LT)	0	0		
Belok Kanan (RT)	560		0.032616926	0.032616926
Arus Total	17169			

Hari/Tgl. : Kamis/03 Mei 2001
Lokasi : Jalan Setiabudi di depan Swalayan Ada, Semarang
Posisi : Jalan Utama Lengan II
Cuaca : Cerah
Surveyor : Hendro, Arif

	Jumlah Kendaraan	Rasio Belok		Rasio Belok Total (P _T)
		Kiri (P _{LT})	Kanan (P _{RT})	
Belok Kiri (LT)	1075	0.052567237		
Belok Kanan (RT)	0		0	0.052567237
Jumlah Kend. Total	20450			

Hari/Tgl. : Kamis/03 Mei 2001
Lokasi : Jalan Setiabudi di depan Swalayan Ada, Semarang
Posisi : Jalan Minor
Cuaca : Cerah
Surveyor : Ucok

	Jumlah Arus	Rasio Belok		Rasio Belok Total (P _T)
		Kiri (P _{LT})	Kanan (P _{RT})	
Belok Kiri (LT)	1196	0.522498908		
Belok Kanan (RT)	1093		0.477501092	1
Jumlah Kend. Total	2289			

Rasio Belok Total Kamis/03-04-2001	Jumlah Arus	Rasio Belok		Rasio Belok Total (P _T)
		Kiri (P _{LT})	Kanan (P _{RT})	
Belok Kiri (LT)	2271	0.056905884		
Belok Kanan (RT)	1653		0.041420267	0.09832615
Jumlah Kend. Total	39908			

RASIO KENDARAAN TIDAK BERMOTOR

Hari/Tgl.	Jumlah Kendaraan Bermotor (MV)	Jumlah Kendaraan Tak Bermotor (UM)	Rasio Kendaraan Tak Bermotor
Sabtu/28-04-2001	57604	79	0.001371433
Minggu/29-04-2001	48921	109	0.002228082
Kamis/03-05-2001	39908	85	0.002129899

RASIO JALAN MINOR

Hari/Tgl.	Jumlah Kendaraan Bermotor Total	Jumlah Kendaraan Jalan Minor	Rasio Kendaraan Jalan Minor
Sabtu/28-04-2001	57604	2745	0.047652941
Minggu/29-04-2001	48921	3381	0.069111425
Kamis/03-05-2001	39908	2289	0.057356921





LAMPIRAN 5 : TABEL PERHITUNGN IHCM 1997



IHCM: UNSIGNALISED INTERSECTIONS

STEP B-2: BASE CAPACITY VALUE C_0

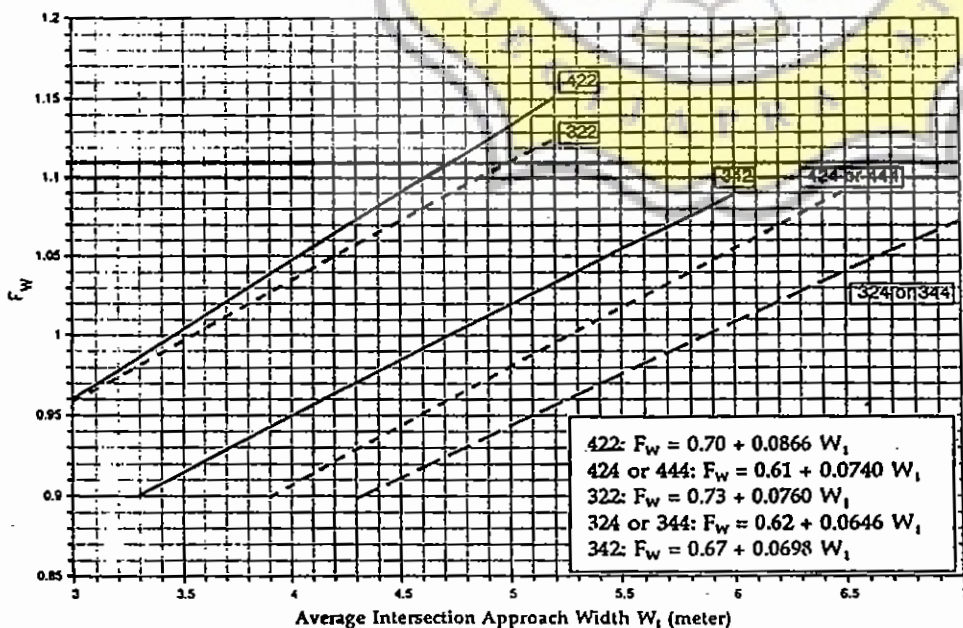
Base capacity value C_0 is taken from Table B-2:1 and is entered in Column 20 in Form USIG-II. Input variable is intersection type IT. See also comments above regarding intersection types 344 and 444.

Intersection type IT	Base capacity C_0 (pcu/h)
322	2700
342	2900
324 or 344	3200
422	2900
424 or 444	3400

Table B-2:1 Intersection type base capacity C_0 (pcu/h)

STEP B-3: APPROACH WIDTH ADJUSTMENT FACTOR F_w

The approach width adjustment, F_w , is estimated from Figure B-3:1, and is entered in Column 21. Input variables are average intersection approach width W_1 and intersection type IT. The range given in the figure is the range for the empirical base of the manual.



IHCM: UNSIGNALISED INTERSECTIONS

STEP B-4: MAJOR ROAD MEDIAN ADJUSTMENT FACTOR F_M

Traffic engineering judgement is needed to decide the median factor. The median is wide if a standard light vehicle can shelter in the median area without disturbing the discharge of traffic on the major road. This is possible if the median is 3 m or wider. In some cases, e.g if the major road approaches are wide, this might occur at more narrow medians. The classification of the median in this respect has been done in Step A-1 and entered into Form USIG-I (under the geometric sketch).

The major road median adjustment factor F_M is estimated using Table B-4:1 and the result is entered in Column 22. The adjustment should only be used for 4-lane major roads. Input variable is major road median type.

Description	Type M	Median adjustment factor, F_M
No major road median.	None	1.00
Major road median exists, width < 3 m	Narrow	1.05
Major road median exists, width \geq 3 m	Wide	1.20

Table B-4:1 Major road median adjustment factor F_M STEP B-5: CITY SIZE ADJUSTMENT FACTOR F_{CS}

City size adjustment factor F_{CS} is decided from Table B-5:1 and the result is entered in Column 23. Input variable is city size, CS.

City size CS	Inhab. (M)	City size adjustment factors F_{CS}
Very small	< 0.1	0.82
Small	0.1 - 0.5	0.88
Medium	0.5 - 1.0	0.94
Large	1.0 - 3.0	1.00
Very large	> 3.0	1.05

Table B-5:1 City size adjustment factor F_{CS}

IHCM: UNSIGNALISED INTERSECTIONS

STEP B-6: ROAD ENVIRONMENT TYPE, SIDE FRICTION AND UNMOTORISED VEHICLES ADJUSTMENT FACTOR F_{RSU}

Road environment type, side friction and unmotorised vehicles adjustment factor, F_{RSU} , is calculated using Table B-6:1 below, and the result is recorded in Column 24. Input variables are road environment type RE, side friction class SF and ratio of unmotorised vehicles UM/MV (from Form USIG-I, Row 24, Column 12).

Road environment type class RE	Side friction class SF	Ratio of unmotorised vehicles p_{UM}					
		0.00	0.05	0.10	0.15	0.20	≥ 0.25
Commercial	high	0.93	0.88	0.84	0.79	0.74	0.70
	medium	0.94	0.89	0.85	0.80	0.75	0.70
	low	0.95	0.90	0.86	0.81	0.76	0.71
Residential	high	0.96	0.91	0.86	0.82	0.77	0.72
	medium	0.97	0.92	0.87	0.82	0.77	0.73
	low	0.98	0.93	0.88	0.83	0.78	0.74
Restricted access	high/medium/low	1.00	0.95	0.90	0.85	0.80	0.75

Table B-6:1 Road environment type, side friction and unmotorised vehicles adjustment factor F_{RSU}

The table is based on the assumption that the impact on capacity of an unmotorised vehicle is the same as of a Light vehicle, i.e. $pce_{UM} = 1.0$. The following equation can be applied if the user has evidence showing that $pce_{UM} \neq 1.0$, which might be the case if the unmotorised vehicles mainly are bicycles.

$$F_{RSU}(\text{Actual } p_{UM}) = F_{RSU}(p_{UM}=0) \times (1 - p_{UM} \times pce_{UM})$$

HCM: UNSIGNALISED INTERSECTIONS

STEP B-7: LEFT-TURNING ADJUSTMENT FACTOR F_{LT}

The adjustment factor for left-turning, F_{LT} , is estimated from Figure B-7:1 below. Input variable is left-turning, p_{LT} from Form USIG-I Row 20, Column 11. The range given for p_{LT} is the range for the empirical base of the manual.

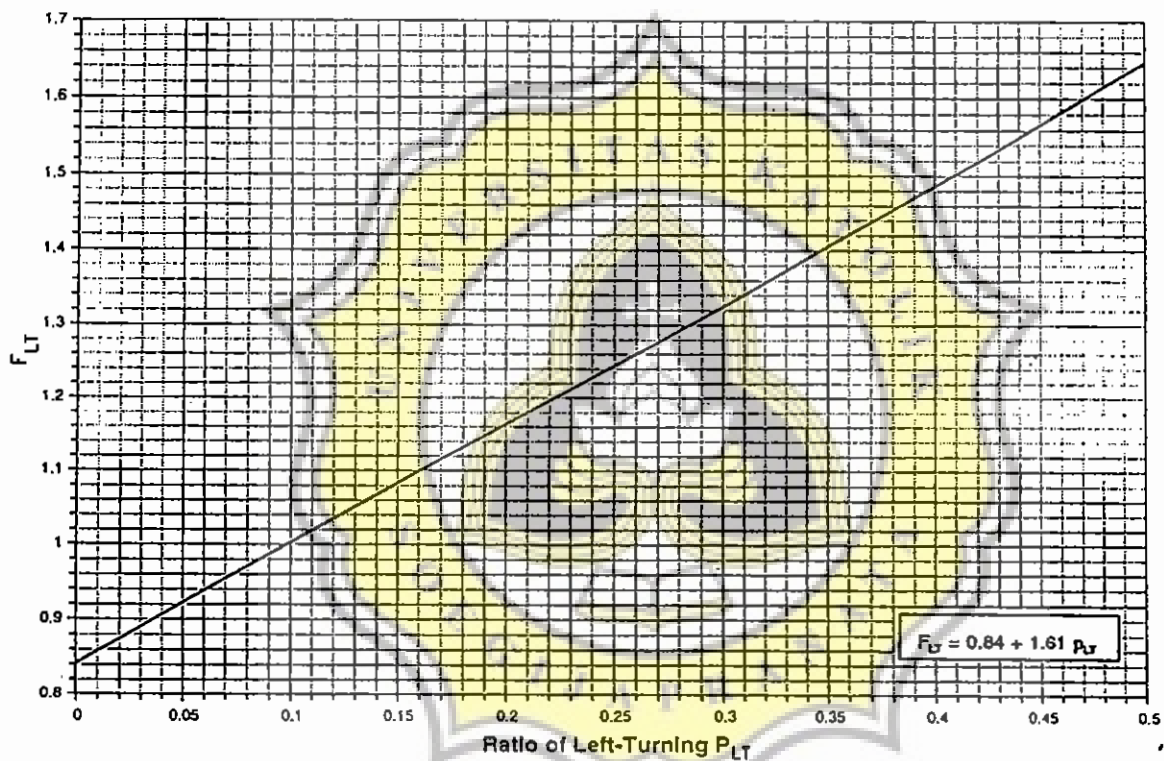


Figure B-7:1 Left-turning adjustment factor F_{LT}

HCM: UNSIGNALISED INTERSECTIONS

STEP B-8: RIGHT-TURNING ADJUSTMENT FACTOR F_{RT}

The adjustment factor for right-turning, F_{RT} , is estimated from Figure B-8:1 below for 3-arm intersections. Input variable is right-turning, p_{RT} from Form USIG-1, Row 22, Column 11. The range given for p_{RT} in the figure is the range for the empirical base of the manual. For 4-arm intersections $F_{RT} = 1.0$

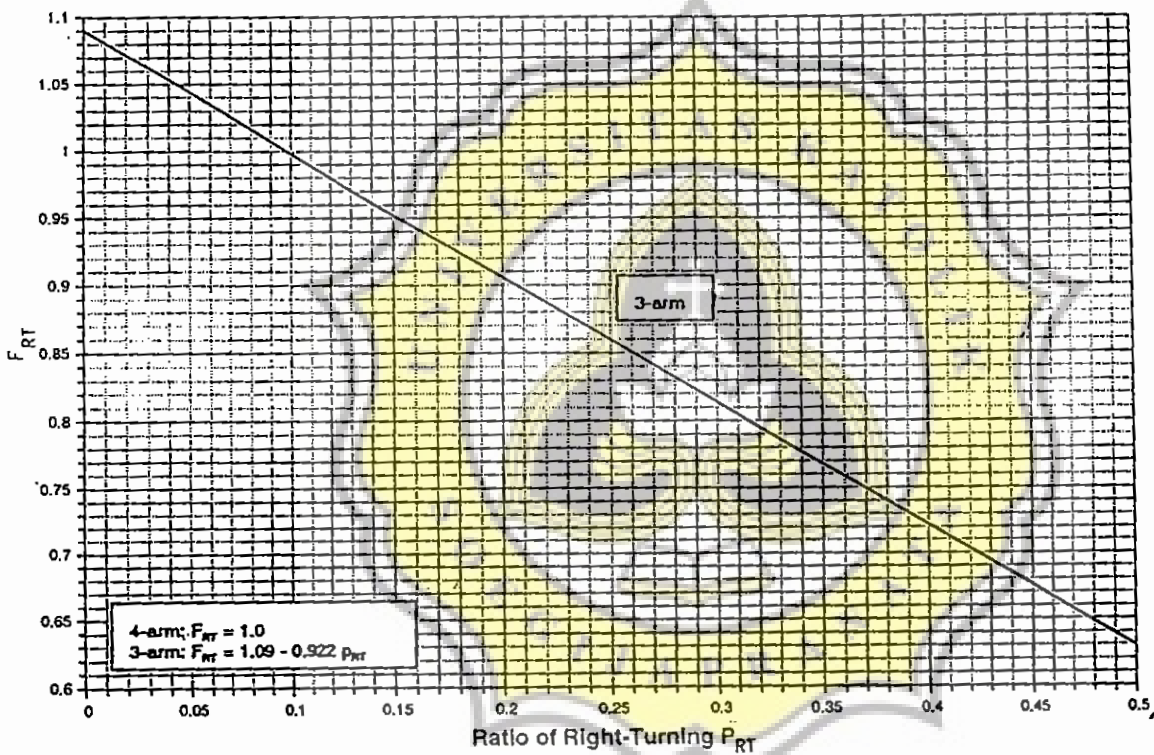
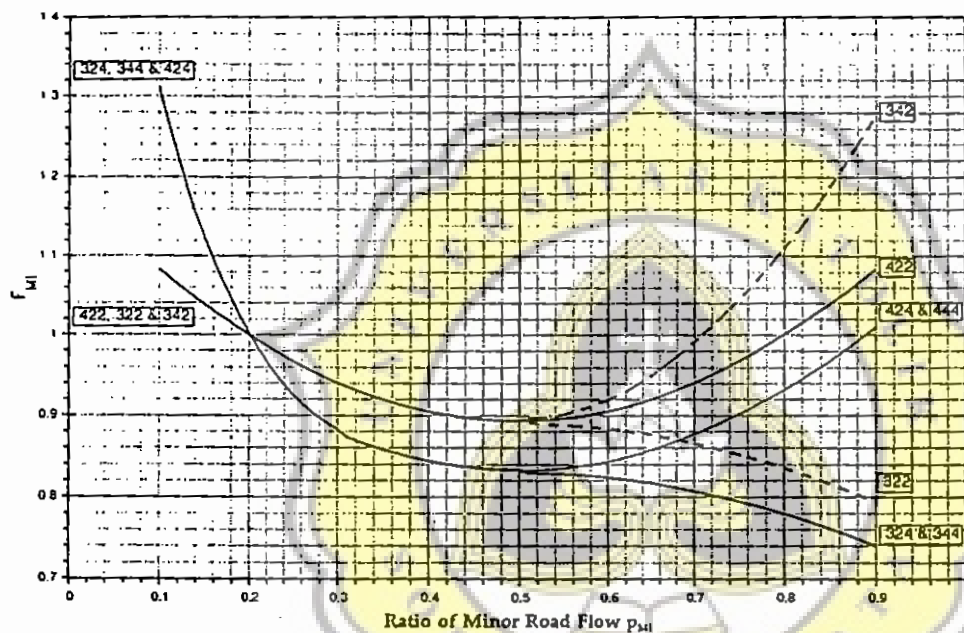


Figure B-8:1 Right-turning adjustment factor F_{RT}

IHCM: UNSIGNALISED INTERSECTIONS

STEP B-9: MINOR ROAD FLOW RATIO ADJUSTMENT FACTOR F_{MI}

The minor road flow ratio adjustment factor F_{MI} is estimated from Figure B-9:1 below. Input variables are minor road flow ratio (p_{MI} Form USIG-I Row 24, Column 10) and intersection type IT (USIG-II Column 11). The range given for p_{MI} in the figure is the range for the empirical base of the manual.



IT	F_{MI}	p_{MI}
422	$1.19 \times p_{MI}^2 - 1.19 \times p_{MI} + 1.19$	0.1 - 0.9
424	$16.6 \times p_{MI}^4 - 33.3 \times p_{MI}^3 + 25.3 \times p_{MI}^2 - 8.6 \times p_{MI} + 1.95$	0.1 - 0.3
444	$1.11 \times p_{MI}^2 - 1.11 \times p_{MI} + 1.11$	0.3 - 0.9
322	$1.19 \times p_{MI}^2 - 1.19 \times p_{MI} + 1.19$	0.1 - 0.5
	$-0.595 \times p_{MI}^2 + 0.595 \times p_{MI} + 0.74$	0.5 - 0.9
342	$1.19 \times p_{MI}^2 - 1.19 \times p_{MI} + 1.19$	0.1 - 0.5
	$2.38 \times p_{MI}^2 - 2.38 \times p_{MI} + 1.49$	0.5 - 0.9
324	$16.6 \times p_{MI}^4 - 33.3 \times p_{MI}^3 + 25.3 \times p_{MI}^2 - 8.6 \times p_{MI} + 1.95$	0.1 - 0.3
344	$1.11 \times p_{MI}^2 - 1.11 \times p_{MI} + 1.11$	0.3 - 0.5
	$-0.555 \times p_{MI}^2 + 0.555 \times p_{MI} + 0.69$	0.5 - 0.9

IHCM: UNSIGNALISED INTERSECTIONS

STEP C: TRAFFIC PERFORMANCE**STEP C-1: DEGREE OF SATURATION DS**

Degree of saturation, DS, is calculated using the following formulae. The result is noted in Column 31 Form USIG-II:

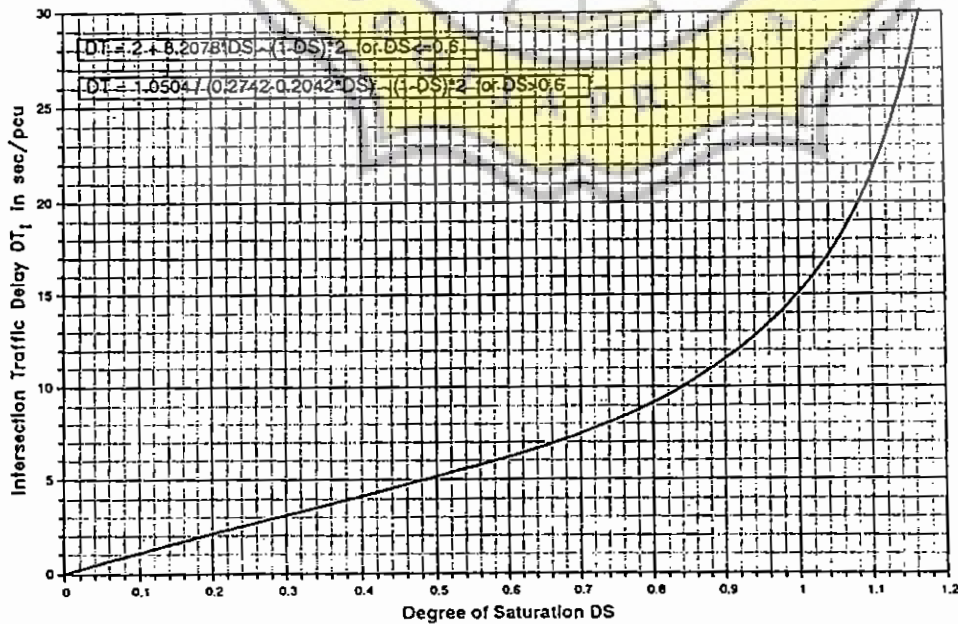
$$DS = Q_{TOT}/C$$

where:

Q_{TOT} = Actual total flow (pcu/h) from Form USIG-I, Row 23, Column 10.
 C = Actual capacity from Form USIG-II, Column 28.

STEP C-2: DELAYS D1. Intersection traffic delay DT_i

Intersection traffic delay DT_i (sec/pcu) is the average traffic delay for all motor vehicles entering the intersection. DT_i is estimated from the empirical relationship between DT_i and degree of saturation DS, see Figure C-2:1



IHCM: UNSIGNALISED INTERSECTIONS

2. Major road traffic delay DT_{MA}

Major road traffic delay DT_{MA} (sec/pcu) is the average traffic delay for all motor vehicles entering the intersection from the major road. DT_{MA} is estimated from the empirical relationship between DT_{MA} and degree of saturation DS , see Figure C-2:2

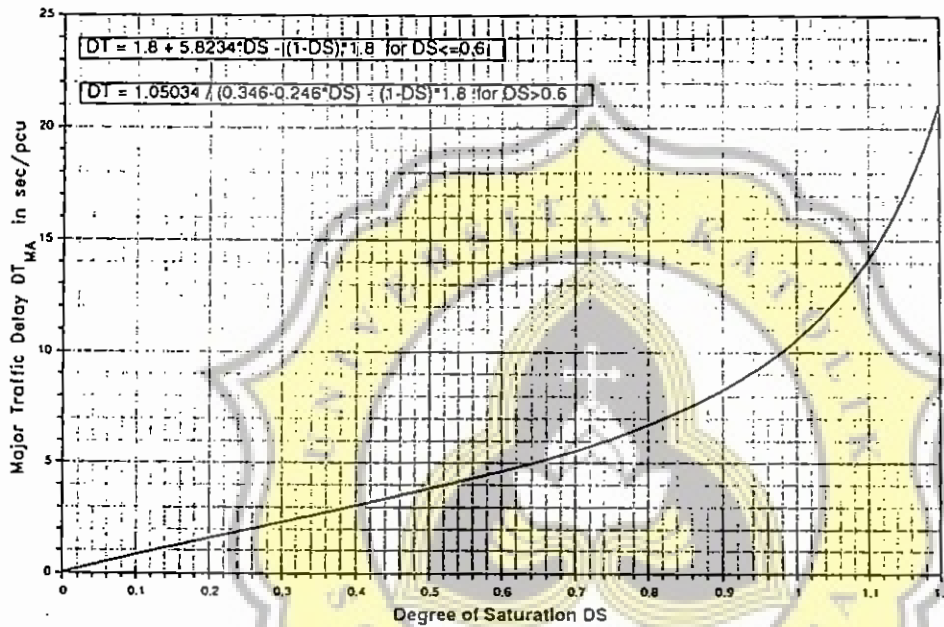


Figure C-2:2 Major road traffic delay versus $DS = Q_{pcu}/C$

Input variable is degree of saturation from Form USIG-II, Column 31.

Enter the result in Form USIG II, Column 33.

3. Determination of average traffic delay for the minor road DT_{MI}

The average delay for the minor road DT_{MI} (sec/pcu) is determined based on the average delay for the whole intersection and the average delay for the major road:

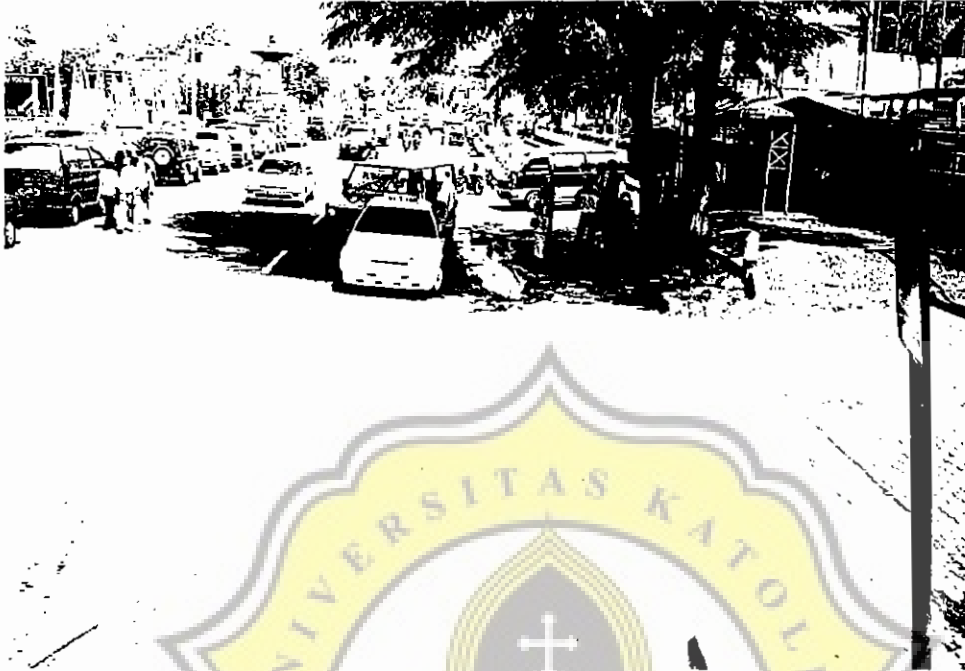
$$DT_{MI} = (Q_{TOT} \times DT_I - Q_{MA} \times DT_{MA}) / Q_{MI}$$

Input variables are total flow Q_{TOT} (pcu/h) from Form USIG I Column 10 Row 23, intersection traffic delay DT_I from Form USIG II Column 32, major road flow Q_{MA} from Form USIG I Column 10 Row 19, major road traffic delay DT_{MA} from Form USIG II Column 33, and minor road flow Q_{MI} from Form USIG I Column 10 Row 10.



**LAMPIRAN 6 : GAMBAR/FOTO HASIL
PENGAMATAN/SURVEY**





Gambar L-6.1. Antrian yang sering timbul di jalan Setiabudi (dari arah utara)



Gambar L-6.2. Antrian yang sering timbul di jalan Setiabudi (dari arah selatan)



Gambar L-6.3. Contoh parkir on the street sejajar



Gambar L-6.4. Contoh parkir on the street menyudut 30°-60°



Gambar L-6.5. Contoh parkir off the street dengan sudut 45°



Gambar L-6.6. Foto lokasi parkir sepeda motor



Gambar L-6.7. Foto lokasi parkir sepeda motor

Gambar L-6.8. Foto lokasi parkir mobil (line 1)



Gambar L-6.9. Foto lokasi parkir mobil (line 2)



Gambar L-6.10. Foto lokasi parkir mobil (line 3)



Gambar L-6.11. Foto lokasi parkir mobil (line 4)



Gambar L-6.12. Foto lokasi parkir mobil (line 5)



Gambar L-6.13. Foto lokasi parkir mobil (tambahan)



Gambar L-6.14. Foto lokasi pintu masuk 1 sepeda motor



Gambar L-6.15. Foto lokasi pintu masuk 2 parkir mobil dan sepeda motor



Gambar L-6.16. Foto lokasi pintu masuk 1 parkir mobil



Gambar L-6.17. Foto lokasi pintu keluar parkir mobil dan sepeda motor