

## LAMPIRAN

Lampiran 1. Hasil rekapitulasi penimbangan kantor pengendalian lalu lintas dan angkutan jalan Dinas Perhubungan Komunikasi dan Informatika Daerah DIY Tahun 2015.

NAMA UPPKB : KALITIRTO  
PROVINSI : DIY

NO	Gol.Kend Bulan	PELANGGARAN TERHADAP JBI								PENINDAKAN				Rp	jmlh denda			
		I		II		III		IV		JUMLAH YANG KENA DENDA	JUMLAH YANG MELANGGAR	JUMLAH YANG TIDAK MELANGGAR	JUMLAH YANG DI TIMBANG			TILANG	TURUN	KEMBLI
		>5%-15%	>16%-25%	>5%-15%	>16%-25%	>5%-15%	>16%-25%	>5%-15%	>16%-25%									
1	Januari	397	238	984	204	244	266	551	13	2897	2979	15496	18475	82	0	42	79,960,000.00	2805
2	Februari	345	261	851	239	264	283	455	16	2714	2789	14130	16919	75	0	36	79,060,000.00	2726
3	Maret	490	313	900	224	262	309	454	7	2959	3095	15703	18798	136	0	38	83,330,000.00	2943
4	April	529	264	1043	195	271	244	448	0	2994	3123	16021	19144	129	0	10	80,150,000.00	3000
5	Mei	589	278	1056	215	299	267	391	2	3097	3233	16991	20224	136	0	14	79,720,000.00	3002
6	Juni	665	272	946	214	291	292	469	5	3154	3306	16483	19789	151	0	17	88,170,000.00	3303
7	Juli	321	133	546	89	157	148	272	5	1671	1757	8328	10085	86	0	0	46,280,000.00	1713
8	Agustus	328	315	817	201	355	389	545	22	2972	3121	16220	19341	149	0	13	91,880,000.00	2976
9	September	361	336	922	251	357	349	500	7	3083	3232	15710	18942	143	0	27	92,660,000.00	3144
10	Oktober	401	355	1144	203	407	322	553	6	3391	3512	17065	20577	121	0	16	97,940,000.00	3436
11	November	465	292	1091	236	352	330	460	13	3239	3340	15854	19194	101	0	12	90,570,000.00	3232
12	Desember	445	257	958	194	271	263	366	4	2758	2857	14658	17515	95	0	12	76,940,000.00	2802
<b>J U M L A H</b>		<b>5336</b>	<b>3314</b>	<b>11258</b>	<b>2465</b>	<b>3530</b>	<b>3462</b>	<b>5464</b>	<b>100</b>	<b>34929</b>	<b>36344</b>	<b>182659</b>	<b>219003</b>	<b>1404</b>	<b>0</b>	<b>237</b>	<b>986,660,000.00</b>	<b>35082</b>

NAMA UPPKB : TAMANMARTANI  
PROVINSI : DIY

NO.	Golongan Bulan	PELANGGARAN TERHADAP JBI								PENINDAKAN				Rp	jmlh denda			
		I		II		III		IV		JUMLAH YANG KENA DENDA	JUMLAH YANG MELANGGAR	JUMLAH YANG TIDAK MELANGGAR	JUMLAH YANG DI TIMBANG			TILANG	TURUN	KEMBLI
		>5%-15%	>16%-25%	>5%-15%	>16%-25%	>5%-15%	>16%-25%	>5%-15%	>16%-25%									
1	Januari	387	521	832	232	282	169	666	8	3097	3175	16046	19221	78	1	47	87,780,000.00	3039
2	Februari	317	465	753	211	254	149	552	11	2712	2784	15121	17905	72	0	32	78,360,000.00	2724
3	Maret	359	786	760	179	416	143	459	4	3106	3183	16605	19788	77	0	41	87,560,000.00	3105
4	April	505	571	928	162	341	160	416	6	3089	3145	15354	18499	56	2	21	83,360,000.00	3119
5	Mei	469	471	1032	248	341	201	476	3	3241	3297	16570	19867	56	0	28	86,380,000.00	3159
6	Juni	575	590	1113	180	409	191	479	5	3542	3629	15985	19614	87	0	15	95,540,000.00	3557
7	Juli	304	350	532	94	298	98	264	1	1941	1969	8163	10132	28	0	2	52,610,000.00	1955
8	Agustus	354	541	978	206	514	204	589	11	3397	3453	15882	19335	56	0	7	103,110,000.00	3614
9	September	417	557	1078	268	515	219	513	10	3577	3641	16227	19868	64	0	1	101,580,000.00	3618
10	Oktober	447	577	1274	200	585	255	598	5	3941	3998	17167	21165	57	0	5	110,260,000.00	3938
11	November	562	605	1189	231	524	303	419	18	3851	3894	16407	20301	43	0	0	106,620,000.00	3886
12	Desember	514	536	1039	175	492	239	348	10	3353	3382	15619	19001	29	0	1	92,850,000.00	3460
<b>J U M L A H</b>		<b>5210</b>	<b>6570</b>	<b>11508</b>	<b>2386</b>	<b>4971</b>	<b>2331</b>	<b>5779</b>	<b>92</b>	<b>38847</b>	<b>39550</b>	<b>185146</b>	<b>224696</b>	<b>703</b>	<b>3</b>	<b>200</b>	<b>1,086,010,000.00</b>	<b>39174</b>

Lampiran 2. Hasil survei lalu lintas harian rata rata dari tahun 2014.

BINA MARGA INTERURBAN ROAD MANAGEMENT SYSTEM CENTRAL DATABASE		TRAFFIC SUMMARY REPORT																			
		2014										DI Yogyakarta [26]								23-Jun-2014	
Link Traffic Post	AADT		Car %	Bus %	LTr %	HTr %	Motor Cycle	Car	Util 1	Util 2	Small Bus	Large Bus	Truck 2x a)	Truck 2x b)	Truck 3x a)	Truck 3x b)	Truck 3x c)	No Mot Traf	Survey Year		
	MBT	Total																		Veh 1	Veh 2
01411 K - JLN. SUGIYOPRANOTO (WONOSARI)																				Status: N/K1	
B01411	5,504	32,418	73.22	9.05	16.26	1.47	26,066	2,561	705	764	319	179	228	667	59	0	22	848	2014		
015 - TEMPEL/SALAM (BTS. PROV. JATENG) - BTS.																				Status: N/A	
A015	20,330	61,920	77.53	8.12	12.41	1.95	41,405	2,895	9,719	3,148	921	729	386	2,136	263	22	111	185	2014		
01511 K - JLN. PEMUDA (SLEMAN)																				Status: N/A	
A01511	22,913	85,599	87.89	4.63	5.78	1.70	61,380	12,533	5,207	2,398	519	542	376	949	212	71	106	1,306	2014		
016 - BTS. KOTA SLEMAN - BTS. KOTA YOGYAKARTA																				Status: N/A	
A016	20,495	74,879	92.55	3.20	4.13	0.13	53,528	15,297	1,569	2,102	558	97	368	478	21	0	5	856	2014		
01611 K - JLN. PRAMUKA (SLEMAN)																				Status: N/A	
A01611	18,852	70,751	82.53	7.68	8.36	1.43	51,653	9,692	4,094	1,773	826	621	517	1,059	184	52	34	246	2014		
01612 K - JLN. WAHIDIN SUDIRO HUSODO (SLEMAN)																				Status: N/A	
A01612	19,043	72,124	91.62	3.34	4.47	0.57	52,358	10,967	4,637	1,843	456	180	297	555	51	12	45	723	2014		
01613 K - BTS. KOTA - SP. JOMBOR (YOGYAKARTA)																				Status: N/A	
A01613	19,146	74,023	91.89	3.27	4.43	0.40	54,125	11,038	4,706	1,849	453	174	297	552	54	13	10	752	2014		
01711 K - JALAN ARTERI UTARA BARAT (YOGYAKARTA)																				Status: N/A	
A01711	16,989	65,736	75.07	5.74	15.31	3.88	48,004	4,948	5,273	2,532	320	655	794	1,807	348	114	198	743	2014		
01811 K - JLN. ARTERI UTARA (YOGYAKARTA)																				Status: N/A	
A01811	27,773	97,058	89.13	2.16	7.13	1.58	68,785	7,823	14,462	2,469	379	220	505	1,475	371	18	51	500	2014		
019 - JANTI (YOGYAKARTA) - PRAMBANAN (BTS. PRO																				Status: N/A	
A019	27,587	95,325	82.78	4.64	9.74	2.84	66,870	19,276	760	2,801	353	927	518	2,169	582	110	91	868	2014		
01911 K - BTS. KOTA YOGYAKARTA - JANTI (YOGYAKART																				Status: N/A	
A01911	17,464	95,114	92.02	3.10	4.69	0.19	76,128	7,226	6,658	2,186	381	161	486	333	25	0	8	1,522	2014		
020 - YOGYAKARTA - BTS. KOTA BANTUL																				Status: N/K1	
B020	9,849	42,814	92.14	3.08	4.47	0.31	29,813	7,356	400	1,319	250	53	176	264	19	1	11	3,152	2014		
02011 K - JLN. PEMUDA (BANTUL)																				Status: N/K1	
C02011	1,986	14,336	87.87	0.96	10.98	0.20	11,877	1,522	95	128	8	11	39	179	3	1	0	473	2014		
02012 K - JLN. KOL. SUGIYONO (BANTUL)																				Status: N/K1	
C02012	1,966	14,916	89.11	0.97	9.82	0.10	12,477	1,528	91	133	7	12	76	117	1	1	0	473	2014		
02013 K - JLN. BRIGJEN KATAMSO (BANTUL)																				Status: N/K1	
C02013	2,038	13,413	89.70	1.08	9.18	0.05	10,882	1,580	85	163	8	14	73	114	1	0	0	493	2014		
02014 K - JLN. P. SENOPATI (BANTUL)																				Status: N/K1	
B02014	3,911	30,561	87.62	5.32	6.90	0.15	23,125	3,060	108	259	70	138	71	199	5	1	0	3,525	2014		
021 - BANTUL - SP. WEDEN																				Status: N/K1	
C021	644	18,076	88.82	4.19	6.83	0.16	16,361	378	79	115	13	14	12	32	0	1	0	1,071	2014		

MBT - Total motorised traffic (All but Veh 1 and Veh 8)

Page 2 of 3

Lampiran 3. Hasil survei lalu lintas harian rata rata dari tahun 2015.

BINA MARGA INTERURBAN ROAD MANAGEMENT SYSTEM CENTRAL DATABASE								TRAFFIC SUMMARY REPORT														
2015								DI Yogyakarta [26]														
Link Traffic Post	AADT		Car %	Bus %	LTr %	HTr %	Motor Cycle	Car Veh 1	Car Veh 2	Util 1 Veh 3	Util 2 Veh 4	Small Bus Veh5a	Large Bus Veh5b	Truck 2x a) Veh6a	Truck 2x b) Veh6b	Truck 3x a) Veh7a	Truck 3x b) Veh7b	Truck 3x c) Veh7c	No Mot Traf Veh 8	Survey Year		
	MBT	Total																				
01411 K - JLN. SUGIOPRANOTO (WONOSARI)																						
A01411	11,566	45,357	76.44	4.00	17.29	2.28	33,480	1,817	4,984	2,032	268	194	620	1,378	189	23	51	321	2015			
015 - TEMPEL/SALAM (BTS. PROV. JATENG) - BTS. KOTA SLEMAN																						
A015	25,962	73,933	78.87	8.19	11.07	1.87	47,819	5,104	12,327	3,062	1,050	1,077	531	2,345	356	23	107	132	2015			
016 - BTS. KOTA SLEMAN - BTS. KOTA YOGYAKARTA																						
A016	21,712	77,921	91.97	3.40	4.43	0.20	55,279	16,017	1,686	2,265	610	129	429	532	33	1	10	930	2015			
01613 K - BTS. KOTA - SP. JOMBOR (YOGYAKARTA)																						
A01613	26,180	115,273	93.12	3.43	3.30	0.15	88,603	14,976	7,229	2,173	663	236	458	407	22	0	16	490	2015			
01711 K - JALAN ARTERI UTARA BARAT (YOGYAKARTA)																						
A01711	21,590	75,520	73.22	6.23	16.29	4.26	53,075	6,136	6,570	3,103	497	847	1,017	2,501	476	200	243	855	2015			
01811 K - JLN. ARTERI UTARA (YOGYAKARTA)																						
A01811	36,073	114,047	88.20	3.77	6.79	1.24	77,535	10,569	18,133	3,115	653	708	696	1,752	296	84	67	439	2015			
019 - JANTI (YOGYAKARTA) - FRAMBANAN (BTS. PROV. JATENG)																						
A019	41,478	133,769	83.28	5.41	8.89	2.42	91,318	29,319	1,532	3,690	607	1,638	1,151	2,538	690	195	118	973	2015			
01911 K - BTS. KOTA YOGYAKARTA - JANTI (YOGYAKARTA)																						
A01911	18,287	88,662	91.28	3.37	4.98	0.37	68,747	7,474	6,900	2,318	424	192	532	379	51	2	15	1,648	2015			
020 YOGYAKARTA - BTS. KOTA BANTUL																						
B020	11,576	70,326	87.40	3.26	8.81	0.54	56,229	1,609	6,705	1,803	319	58	313	707	47	2	13	2,521	2015			
02011 K - JLN. PEMUDA (BANTUL)																						
A02011	8,983	69,358	85.56	3.80	9.90	0.75	58,822	1,258	4,901	1,527	287	54	263	626	50	2	15	1,553	2015			
02012 K - JLN. KOL. SUGIYONO (BANTUL)																						
A02012	1,638	13,130	86.14	2.20	11.54	0.12	10,334	1,115	141	155	14	22	82	107	1	1	0	1,158	2015			
02013 K - JLN. BRIGJEN KATAMSO (BANTUL)																						
A02013	1,906	14,265	84.00	2.73	12.96	0.31	11,060	1,241	170	150	21	31	110	137	4	2	0	1,299	2015			
02014 K - JLN. P. SENOPATI (BANTUL)																						
A02014	3,842	29,628	87.30	5.52	7.03	0.16	22,424	2,984	110	260	72	140	70	200	5	1	0	3,362	2015			
021 - BANTUL - SP. WEDEN																						
A021	1,227	18,331	88.43	3.34	8.15	0.08	14,752	816	118	151	26	15	36	64	0	1	0	2,352	2015			
022 - SP. WEDEN - BAKULAN																						
A022	1,171	13,099	83.95	7.60	8.45	0.00	9,206	681	180	122	37	52	43	56	0	0	0	2,722	2015			
023 - BAKULAN - KRETEK																						
A023	4,232	33,670	84.66	6.78	8.34	0.21	25,479	2,735	266	582	156	131	139	214	8	0	1	3,959	2015			
024 - KRETEK - PARANGTRITIS																						
A024	3,860	34,016	82.49	8.01	9.22	0.28	26,649	2,302	248	634	163	146	108	248	8	0	3	3,507	2015			

MBT - Total motorised traffic (All but Veh 7 and Veh 8)

Page 2 of 3

Lampiran 4. Hasil survei lalu lintas harian rata rata dari tahun 2016.

BINA MARGA INTERURBAN ROAD MANAGEMENT SYSTEM CENTRAL DATABASE										TRAFFIC SUMMARY REPORT									
2016										DI Yogyakarta [26]									
Link Traffic Post	AADT		Car %	Bus %	LTr %	HTr %	Motor Cycle	Car	Util 1	Util 2	Small Bus	Large Bus	Truck 2x a)	Truck 2x b)	Truck 3x a)	Truck 3x b)	Truck 3x c)	No Mot Traf	Survey Year
	MBT	Total																	
01411 K - JLN. SUGIOPRANOTO (WONOSARI)																			
A01411	11,206	44,405	77.40	3.36	17.12	2.11	32,916	1,776	4,908	1,989	210	167	579	1,340	184	15	38	283	2016
015 - TEMPEL/SALAM (BTS. PROV. JATENG) - BTS. KOTA SLEMAN																			
A015	11,770	46,192	76.44	3.99	17.29	2.28	34,101	1,850	5,077	2,070	273	197	631	1,404	192	25	51	321	2016
016 - BTS. KOTA SLEMAN - BTS. KOTA YOGYAKARTA																			
A016	32,119	123,373	94.66	2.04	3.23	0.07	90,423	27,551	938	1,915	570	84	470	567	20	0	4	831	2016
01613 K - BTS. KOTA - SP. JOMBOR (YOGYAKARTA)																			
A01613	26,422	116,225	93.11	3.44	3.30	0.15	89,313	15,113	7,296	2,193	670	238	462	411	23	0	16	490	2016
01711 K - JALAN ARTERI UTARA BARAT (YOGYAKARTA)																			
A01711	21,590	75,520	73.22	6.23	16.29	4.26	53,075	6,136	6,570	3,103	497	847	1,017	2,501	476	200	243	855	2016
01811 K - JLN. ARTERI UTARA (YOGYAKARTA)																			
A01811	43,734	119,148	93.01	1.57	4.34	1.08	74,879	36,264	1,413	3,001	436	252	648	1,248	311	75	86	535	2016
019 - JANTI (YOGYAKARTA) - PRAMBANAN (BTS. PROV. JATENG)																			
A019	41,227	140,481	89.39	3.50	5.87	1.24	98,392	32,305	1,014	3,532	569	874	732	1,688	416	44	53	862	2016
01911 K - BTS. KOTA YOGYAKARTA - JANTI (YOGYAKARTA)																			
A01911	49,250	179,857	97.98	0.59	1.40	0.02	129,396	44,404	1,499	2,353	231	62	389	302	8	0	2	1,211	2016
020 - YOGYAKARTA - BTS. KOTA BANTUL																			
B020	10,884	70,025	86.33	3.54	9.55	0.59	57,271	1,639	5,920	1,837	330	55	308	731	49	2	13	1,870	2016
02011 K - JLN. PEMUDA (BANTUL)																			
A02011	8,983	69,358	85.56	3.80	9.90	0.75	58,822	1,258	4,901	1,527	287	54	263	626	50	2	15	1,553	2016
02012 K - JLN. KOL. SUGIYONO (BANTUL)																			
A02012	1,606	12,910	86.11	2.24	11.52	0.12	10,146	1,094	137	152	14	22	80	105	1	1	0	1,158	2016
02013 K - JLN. BRIGJEN KATAMSO (BANTUL)																			
A02013	1,915	14,274	83.92	2.72	13.11	0.26	11,060	1,241	174	192	21	31	109	142	3	2	0	1,299	2016
02014 K - JLN. P. SENOPATI (BANTUL)																			
A02014	3,841	29,617	87.29	5.47	7.08	0.16	22,396	2,983	109	261	72	138	71	201	5	1	0	3,380	2016
021 - BANTUL - SP. WEDEN																			
A021	1,227	18,331	88.43	3.34	8.15	0.08	14,752	816	118	151	26	15	36	64	0	1	0	2,352	2016
022 - SP. WEDEN - BAKULAN																			
A022	1,171	13,099	83.95	7.60	8.45	0.00	9,206	681	180	122	37	52	43	56	0	0	0	2,722	2016
023 - BAKULAN - KRETEK																			
A023	2,058	16,592	82.94	4.66	12.29	0.10	14,347	427	945	335	80	16	57	196	0	0	2	187	2016
024 - KRETEK - PARANGTRITIS																			
A024	3,932	34,582	82.48	7.99	9.26	0.28	27,143	2,345	253	645	166	148	111	253	8	0	3	3,507	2016

Lampiran 5. Hasil survei lalu lintas harian rata rata dari tahun 2017.

Link		AADT		Car %	Bus %	LTr %	HTr %	Motor Cycle	Car	Util 1	Util 2	Small Bus	Large Bus	Truck 2x a)	Truck 2x b)	Truck 3x a)	Truck 3x b)	Truck 3x c)	No Mot Traf	Survey Year
Traffic Post	MBT	Total	Veh 1																	
001 - KARANG NONGKO (BTS. PROV. JATENG) - TOYAN																				
A001	15,209	41,930	67.10	8.17	19.02	5.72	24,739	5,977	3,039	1,189	336	906	743	2,149	695	89	86	1,982	2015	
002 - TOYAN - BTS. KOTA WATES																				
A002	9,945	38,257	60.81	10.78	22.25	6.15	27,839	2,876	1,989	1,183	261	811	590	1,623	276	154	182	473	2015	
00211 K - JLN. CHUDORI (WATES)																				
A00211	9,052	40,272	65.85	8.40	20.26	5.49	30,837	2,932	1,916	1,113	123	637	308	1,526	241	111	145	383	2015	
003 - BTS. KOTA WATES - MILIR																				
A003	11,152	38,571	69.27	7.94	16.95	5.85	26,315	4,689	1,353	1,683	309	576	483	1,407	272	186	194	1,104	2015	
00311 K - JLN. KOL. SUGIYONO (WATES)																				
A00311	13,443	40,597	70.98	9.32	12.58	7.12	26,355	3,512	4,971	1,059	602	651	646	1,045	500	260	197	799	2015	
004 - MILIR - SENTOLO																				
A004	15,094	45,887	80.97	5.72	8.69	4.63	29,170	7,755	3,025	1,441	334	529	593	718	306	220	173	1,623	2015	
005 - SENTOLO - BTS. KAB. SLEMAN																				
A005	14,094	54,303	74.07	7.34	13.10	5.49	39,357	5,522	3,505	1,413	503	531	669	1,177	349	265	160	852	2015	
006 - BTS. KAB. KULON PROGO - YOGYAKARTA																				
A006	20,806	74,247	78.29	4.50	14.59	2.61	52,660	3,930	9,746	2,613	403	534	741	2,295	352	90	102	781	2015	
00611 K - JLN. BATAS KOTA - PELEM GURIH (CAMPING) (YOGYAKARTA)																				
A00611	14,688	103,945	92.30	3.00	4.40	0.30	88,467	4,480	7,657	1,420	330	110	176	471	33	0	11	790	2015	
00711 K - JALAN ARTERI SELATAN (YOGYAKARTA)																				
A00711	24,692	82,962	70.12	9.44	18.24	2.20	57,410	5,467	7,994	3,852	1,060	1,272	889	3,614	346	85	113	860	2015	
008 - YOGYAKARTA - PIYUNGAN																				
A008	11,602	47,986	79.31	2.74	16.69	1.27	36,150	1,836	5,286	2,079	181	137	572	1,364	116	7	24	234	2015	
009 - PIYUNGAN - BTS. KAB. GUNUNG KIDUL																				
A009	11,919	47,650	80.02	2.74	16.02	1.22	35,497	1,826	5,701	2,010	180	146	575	1,335	115	7	24	234	2015	
010 - BTS. KAB. BANTUL - GADING																				
A010	10,715	43,740	78.78	3.00	16.86	1.36	32,790	1,705	4,835	1,901	179	142	559	1,248	115	7	24	235	2015	
011 - GADING - GLEDAG																				
A011	10,450	42,266	78.57	3.00	17.03	1.40	31,583	1,662	4,675	1,874	178	135	536	1,244	115	7	24	233	2015	
012 - GLEDAG - WONOSARI (LINGKAR UTARA WONOSARI)																				
A012	11,227	44,973	78.03	3.36	16.76	1.85	33,463	1,782	4,973	2,005	210	167	591	1,291	155	15	38	283	2015	
013 - LINGKAR SELATAN WONOSARI																				
A013	1,119	11,823	77.03	3.31	18.68	0.98	10,361	661	39	162	22	15	115	94	11	0	0	343	2015	
014 - BTS. KOTA WONOSARI - NGEPOSARI - PACUCAK - BEDOYO - DUWET																				
A014	11,005	43,605	77.38	3.36	17.13	2.13	32,317	1,745	4,818	1,953	206	164	569	1,316	181	15	38	283	2015	

MBT - Total motorised traffic (All but Veh 1 and Veh 8)

BINA MARGA INTERURBAN ROAD MANAGEMENT SYSTEM CENTRAL DATABASE		TRAFFIC SUMMARY REPORT																			
2017		DI Yogyakarta (26)															15-Aug-2017				
Link Traffic Post	AADT		Car %	Bus %	LTr %	HTr %	Motor Cycle	Car		Util 1	Util 2	Small Bus	Large Bus	Truck 2x a)	Truck 2x b)	Truck 3x a)	Truck 3x b)	Truck 3x c)	No Mot Traf	Survey Year	
	MBT	Total						Veh 1	Veh 2	Veh 3	Veh 4	Veh5a	Veh5b	Veh6a	Veh6b	Veh7a	Veh7b	Veh7c	Veh 8		
<b>01411 K - JLN. SUGIYOPRANOTO (WONOSARI)</b>																				Status: N/K1	
A01411	11,556	45,357	76.44	4.00	17.29	2.28	33,480	1,817	4,984	2,032	268	194	620	1,378	189	23	51	321	2015		
<b>015 - TEMPEL/SALAM (BTS. PROV. JATENG) - BTS. KOTA SLEMAN</b>																				Status: N/A	
A015	25,982	73,933	78.87	8.19	11.07	1.87	47,819	5,104	12,327	3,062	1,050	1,077	531	2,345	356	23	107	132	2015		
<b>016 - BTS. KOTA SLEMAN - BTS. KOTA YOGYAKARTA</b>																				Status: N/A	
A016	21,712	77,921	91.97	3.40	4.43	0.20	55,279	16,017	1,686	2,265	610	129	429	532	33	1	10	930	2015		
<b>01613 K - BTS. KOTA - SP. JOMBOR (YOGYAKARTA)</b>																				Status: N/A	
A01613	26,180	115,273	93.12	3.43	3.30	0.15	88,603	14,976	7,229	2,173	663	236	458	407	22	0	16	490	2015		
<b>01711 K - JALAN ARTERI UTARA BARAT (YOGYAKARTA)</b>																				Status: N/A	
A01711	21,590	75,520	73.22	6.23	16.29	4.26	53,075	6,136	6,570	3,103	497	847	1,017	2,501	476	200	243	855	2015		
<b>01811 K - JLN. ARTERI UTARA (YOGYAKARTA)</b>																				Status: N/A	
A01811	36,073	114,047	88.20	3.77	6.79	1.24	77,535	10,569	18,133	3,115	653	708	696	1,752	296	84	67	439	2015		
<b>019 - JANTI (YOGYAKARTA) - PRAMBANAN (BTS. PROV. JATENG)</b>																				Status: N/A	
A019	41,478	133,769	83.28	5.41	8.89	2.42	91,318	29,319	1,532	3,690	607	1,638	1,151	2,538	690	195	118	973	2015		
<b>01911 K - BTS. KOTA YOGYAKARTA - JANTI (YOGYAKARTA)</b>																				Status: N/A	
A01911	43,866	213,123	97.62	0.92	1.40	0.05	168,511	15,089	24,079	3,656	333	71	376	240	19	0	3	746	2015		
<b>020 - YOGYAKARTA - BTS. KOTA BANTUL</b>																				Status: N/K1	
B020	11,576	70,326	87.40	3.26	8.81	0.54	56,229	1,609	6,705	1,803	319	58	313	707	47	2	13	2,521	2015		
<b>02011 K - JLN. PEMUDA (BANTUL)</b>																				Status: N/K1	
A02011	8,983	69,358	85.56	3.80	9.90	0.75	58,822	1,258	4,901	1,527	287	54	263	626	50	2	15	1,553	2015		
<b>02012 K - JLN. KOL. SUGIYONO (BANTUL)</b>																				Status: N/K1	
A02012	1,638	13,130	86.14	2.20	11.54	0.12	10,334	1,115	141	155	14	22	82	107	1	1	0	1,158	2015		
<b>02013 K - JLN. BRIGJEN KATAMSO (BANTUL)</b>																				Status: N/K1	
A02013	1,906	14,265	84.00	2.73	12.96	0.31	11,060	1,241	170	190	21	31	110	137	4	2	0	1,299	2015		
<b>02014 K - JLN. P. SENOPATI (BANTUL)</b>																				Status: N/K1	
A02014	3,842	29,628	87.30	5.52	7.03	0.16	22,424	2,984	110	260	72	140	70	200	5	1	0	3,362	2015		
<b>021 - BANTUL - SP. WEDEN</b>																				Status: N/K1	
A021	3,368	28,393	89.13	2.64	7.99	0.24	24,485	1,009	1,488	505	69	20	65	204	6	0	2	540	2015		
<b>022 - SP. WEDEN - BAKULAN</b>																				Status: N/K1	
A022	1,171	13,099	83.95	7.60	8.45	0.00	9,206	681	180	122	37	52	43	56	0	0	0	2,722	2015		
<b>023 - BAKULAN - KRETEK</b>																				Status: N/K1	
A023	2,774	17,324	80.82	10.42	8.69	0.07	14,147	523	1,317	402	184	105	97	144	0	0	2	403	2015		
<b>024 - KRETEK - PARANGTRITIS</b>																				Status: N/K1	
A024	3,860	34,016	82.49	8.01	9.22	0.28	26,649	2,302	248	634	163	146	108	248	8	0	3	3,507	2015		

Link		AADT		Car %	Bus %	LTr %	HTr %	Motor Cycle	Car	Util 1	Util 2	Small Bus	Large Bus	Truck 2x a)	Truck 2x b)	Truck 3x a)	Truck 3x b)	Truck 3x c)	No Mot Traf	Survey Year
Traffic Post	MBT	Total																		
		Veh 1	Veh 2	Veh 3	Veh 4	Veh 5a	Veh 5b	Veh 6a	Veh 6b	Veh 7a	Veh 7b	Veh 7c	Veh 8							
<b>025 - TEMPEL - PAKEM</b>												<b>Status: N/K 1</b>								
<b>025</b>	2,452	9,366	87.77	0.61	10.77	0.86	6,530	1,470	214	468	10	5	44	220	21	0	0	384	2015	
<b>026 - PAKEM - PRAMBANAN</b>												<b>Status: N/K 1</b>								
<b>026</b>	2,433	11,079	84.79	1.36	13.32	0.53	8,540	470	1,120	473	16	17	32	292	13	0	0	106	2015	

Lampiran 6. Hasil survei lalu lintas harian rata rata dari tahun 2018.

BINA MARGA INTERURBAN ROAD MANAGEMENT SYSTEM CENTRAL DATABASE		RAW TRAFFIC COUNT (RTC) REPORT											10-Jan-2018		
2017		DI Yogyakarta (26)													
Link Tanggung Survei	Period/ Direction	Jam Dari	Motor Cycle	Car	Util 1	Util 2	Small Bus	Large Bus	Truck 2x a)	Truck 2x b)	Truck 3x a)	Truck 3x b)	Truck 3x c)	No Mot Traf	Survey Year
			Veh 1	Veh 2	Veh 3	Veh 4	Veh5a	Veh5b	Veh6a	Veh6b	Veh7a	Veh7b	Veh7c	Veh 8	
019 JANTI (YOGYAKARTA) - PRAMBANAN (BTS. PROV. JATE)															
Status/Func: N / A															
Traf.Post: A019															
Influence From: 0 To 1010															
Location: 0 0															
20170502	2 / N	06 - 07	4179	672	7	52	12	24	1	47	16	2	3	33	2017
20170502	2 / N	07 - 08	6284	795	15	76	15	31	0	52	19	0	1	43	2017
20170502	2 / N	08 - 09	5189	932	18	84	24	42	2	59	21	1	1	41	2017
20170502	2 / N	09 - 10	3003	826	16	98	16	28	33	44	23	4	3	37	2017
20170502	2 / N	10 - 11	2741	811	12	103	22	25	43	41	27	1	2	23	2017
20170502	2 / N	11 - 12	2607	784	8	92	11	37	41	34	22	3	1	17	2017
20170502	2 / N	12 - 13	3017	792	10	79	15	31	37	39	29	5	1	7	2017
20170502	2 / N	13 - 14	2589	701	19	82	13	28	23	50	24	2	2	8	2017
20170502	2 / N	14 - 15	2346	643	28	64	16	34	17	31	18	1	4	13	2017
20170502	2 / N	15 - 16	2217	718	21	59	9	41	7	29	5	3	1	12	2017
20170502	2 / N	16 - 17	2889	987	32	68	12	52	8	27	7	4	3	8	2017
20170502	2 / N	17 - 18	2326	804	24	56	14	48	13	22	9	3	0	2	2017
20170502	2 / N	18 - 19	1710	821	21	70	13	42	12	30	6	1	1	1	2017
20170502	2 / N	19 - 20	1981	790	30	64	18	34	8	27	5	6	2	3	2017
20170502	2 / N	20 - 21	1806	502	32	69	12	27	2	16	7	4	1	1	2017
20170502	2 / N	21 - 22	1763	498	28	58	8	18	1	14	2	2	0	0	2017
20170502	2 / N	22 - 23	1551	345	18	41	5	23	3	9	3	3	0	0	2017
20170502	2 / N	23 - 24	1009	299	13	32	2	14	1	10	2	3	0	0	2017
20170502	2 / N	24 - 25	583	305	9	25	4	18	0	12	5	2	1	0	2017
20170502	2 / N	25 - 26	411	204	7	18	1	21	0	9	1	0	3	0	2017
20170502	2 / N	26 - 27	327	174	12	14	0	13	0	8	3	1	2	0	2017
20170502	2 / N	27 - 28	409	217	18	29	9	9	0	12	5	1	2	3	2017
20170502	2 / N	28 - 29	997	294	11	37	14	14	0	11	3	2	3	7	2017
20170502	2 / N	29 - 30	2039	336	14	42	8	18	0	13	3	4	1	8	2017
20170502	2 / N	30 - 31	4227	734	10	58	10	24	3	63	14	4	3	29	2017
20170502	2 / N	31 - 32	6133	894	18	74	18	47	7	52	17	3	5	41	2017
20170502	2 / N	32 - 33	5409	873	21	83	21	56	8	67	16	2	2	37	2017
20170502	2 / N	33 - 34	3145	946	16	79	14	38	29	51	18	5	2	35	2017
20170502	2 / N	34 - 35	2977	723	8	97	9	29	41	44	20	4	1	22	2017
20170502	2 / N	35 - 36	2558	783	5	129	11	16	37	47	22	3	0	14	2017
20170502	2 / N	36 - 37	2871	852	13	107	8	24	35	28	25	1	2	18	2017
20170502	2 / N	37 - 38	2413	698	15	93	5	16	22	39	21	1	1	11	2017
20170502	2 / N	38 - 39	2196	704	21	78	3	25	14	32	19	2	1	8	2017
20170502	2 / N	39 - 40	2901	852	25	80	7	38	18	36	13	0	3	7	2017
20170502	2 / N	40 - 41	2433	1043	32	69	9	49	11	31	11	1	2	13	2017
20170502	2 / N	41 - 42	1693	825	18	75	13	47	8	38	8	3	1	5	2017
20170502	2 / N	42 - 43	1997	905	28	52	15	54	7	43	5	1	2	4	2017
20170502	2 / N	43 - 44	1862	785	23	49	23	38	13	30	5	2	0	4	2017
20170502	2 / N	44 - 45	1669	645	18	58	17	41	5	36	2	2	1	1	2017
20170502	2 / N	45 - 46	1484	538	14	43	14	26	4	22	3	1	0	1	2017
20170502	2 / O	06 - 07	4371	942	24	136	31	22	4	55	11	2	3	46	2017
20170502	2 / O	07 - 08	4513	1108	18	127	24	16	1	43	11	0	3	48	2017
20170502	2 / O	08 - 09	2588	1063	10	105	17	27	1	33	9	1	7	19	2017
20170502	2 / O	09 - 10	2417	882	15	94	13	19	46	51	13	1	4	9	2017
20170502	2 / O	10 - 11	2104	839	11	87	8	11	48	71	34	2	3	12	2017
20170502	2 / O	11 - 12	1562	633	7	109	12	20	19	123	21	0	6	9	2017
20170502	2 / O	12 - 13	1739	786	21	125	15	16	9	112	18	1	4	7	2017
20170502	2 / O	13 - 14	2022	893	17	88	9	24	12	96	17	1	3	10	2017
20170502	2 / O	14 - 15	1715	792	24	67	19	43	9	117	9	10	6	7	2017
20170502	2 / O	15 - 16	2134	865	18	91	17	36	7	91	14	16	5	6	2017

Link		Period/ Direction	Jam Dari	Motor Cycle	Car	Util 1	Util 2	Small Bus	Large Bus	Truck 2x a)	Truck 2x b)	Truck 3x a)	Truck 3x b)	Truck 3x c)	No Mot Traf	Survey Year
Tanggal Survei	Veh 1															
019 JANTI (YOGYAKARTA) - PRAMBANAN (BTS. PROV. JATEP) Status/Func: N / A																
Traf.Post: A019		Influence From: 0 To 1010										Locaton: 0 0				
20170502	2 / O	16 - 17	2091	1031	33	95	23	49	10	68	17	15	5	1	2017	
20170502	2 / O	17 - 18	1908	826	26	71	18	42	7	73	20	12	4	4	2017	
20170502	2 / O	18 - 19	1724	715	19	74	11	35	6	24	26	4	1	9	2017	
20170502	2 / O	19 - 20	1492	843	22	82	14	27	1	20	12	12	4	7	2017	
20170502	2 / O	20 - 21	1211	917	36	69	10	22	4	34	14	20	4	11	2017	
20170502	2 / O	21 - 22	867	520	17	46	5	18	9	37	11	21	8	5	2017	
20170502	2 / O	22 - 23	578	380	10	41	3	13	7	30	10	15	7	6	2017	
20170502	2 / O	23 - 24	413	249	12	35	1	17	11	17	9	18	5	3	2017	
20170502	2 / O	24 - 25	214	265	15	24	0	11	5	19	14	9	4	2	2017	
20170502	2 / O	25 - 26	178	174	9	29	0	22	6	26	12	10	11	4	2017	
20170502	2 / O	26 - 27	113	104	10	22	0	16	3	11	8	7	9	0	2017	
20170502	2 / O	27 - 28	321	184	13	18	0	13	2	20	19	10	8	0	2017	
20170502	2 / O	28 - 29	767	425	20	39	9	15	4	17	24	13	15	8	2017	
20170502	2 / O	29 - 30	1042	768	34	44	12	10	0	18	29	16	9	12	2017	
20170502	2 / O	30 - 31	3412	884	13	59	7	35	0	22	15	3	4	34	2017	
20170502	2 / O	31 - 32	3895	1004	17	72	12	58	8	33	12	1	2	23	2017	
20170502	2 / O	32 - 33	2787	763	23	91	20	81	12	136	12	3	4	33	2017	
20170502	2 / O	33 - 34	2693	652	15	69	32	77	34	123	14	5	5	23	2017	
20170502	2 / O	34 - 35	2097	661	22	74	12	47	23	96	35	3	7	10	2017	
20170502	2 / O	35 - 36	1789	716	19	103	10	31	33	75	32	7	1	10	2017	
20170502	2 / O	36 - 37	2201	783	21	98	11	52	23	77	16	2	2	7	2017	
20170502	2 / O	37 - 38	2357	901	14	79	15	35	10	84	21	4	6	8	2017	
20170502	2 / O	38 - 39	1934	872	20	94	21	17	10	11	10	7	4	6	2017	
20170502	2 / O	39 - 40	2025	923	15	85	20	8	7	12	13	10	3	5	2017	
20170502	2 / O	40 - 41	2001	1038	11	126	17	7	8	15	18	14	2	7	2017	
20170502	2 / O	41 - 42	1853	925	28	101	14	16	6	18	22	11	2	8	2017	
20170502	2 / O	42 - 43	1673	853	30	82	18	14	5	13	28	18	4	6	2017	
20170502	2 / O	43 - 44	1222	948	24	94	15	11	7	11	20	11	5	5	2017	
20170502	2 / O	44 - 45	1031	650	16	45	9	17	8	7	9	7	6	4	2017	
20170502	2 / O	45 - 46	755	431	11	51	5	24	6	13	8	12	4	3	2017	

## Lampiran 7. Hasil survei Timbang Kendaraan Kelebihan Beban.

JBI &lt; 8 ton (Golongan I)

1	L 9501 NH	Surabaya	Kelingan	2000	1241	759	38.0	Pakaian
2	AB 8813 YU	Wates	Jogja	1880	1750	130	6.9	Kayu
3	G 1783 ZD	Klaten	Porwokerto	3840	2000	1840	47.9	Krupuk
4	AB 8840 CU	Jogja	Porworejo	2920	2000	920	31.5	Meja
5	AD 9519 KB	Klaten	Porwokerto	3060	2000	1060	34.6	Sepatu
6	S 8926 WE	Sidoarjo	Kebumen	4980	2000	2980	59.8	Suvenir
7	AB 8790 WB	Jogja	Porwokerto	4220	4200	20	0.5	Sandal
8	R 1422 PD	Porwokerto	Surabaya	7240	4400	2840	39.2	Paket
9	AD 1564 NJ	Klaten	Porworejo	6200	4450	1750	28.2	Buku
10	AB 8932 BU	Jogja	Kutoarjo	5220	4530	690	13.2	Katering
11	AD 1634 ZE	Solo	Bandung	8140	4640	3500	43.0	Paket
12	AD 1391 BN	Jogja	Kebumen	5140	4650	490	9.5	Buah
13	AB 8160 EU	Jogja	Porwokerto	5940	4970	970	16.3	Spanduk
14	AD 1589 SD	Solo	Porwokerto	7800	6500	1300	16.7	Sosis
15	N 8331 UN	Sidoarjo	Porwokerto	8360	7000	1360	16.3	Bibit Ayam
16	H 1594 VA	Bandung	Jogja	7360	7000	360	4.9	Karpet
17	H 1391 HC	Kebumen	Solo	9320	7000	2320	24.9	Tenda
18	F 8990 FY	Tasik	Solo	7760	7000	760	9.8	Buah
19	AA 1473 DD	Cilacap	Jogja	8600	7000	1600	18.6	Aspal
20	AB 1796 QC	Porworejo	Jogja	11220	7000	4220	37.6	Sembako
21	D 8704 FC	Bandung	Solo	11100	7000	4100	36.9	Antena
22	AB 9190 AD	Jogja	Kebumen	7260	7000	260	3.6	Pupuk
23	AD 1480 A	Klaten	Porwokerto	7660	7000	660	8.6	Pater
24	N 98272 UF	Malang	Porwokerto	10080	7000	3080	30.6	Sembako
25	AE 9404 US	Magetan	Jakarta	11480	7200	4280	37.3	Snack
26	B 9480 SYU	Jakarta	Solo	10140	7279	2861	28.2	Cat
27	BE 9355 VF	Lampung	Jogja	13160	7280	5880	44.7	Glugu
28	AE 9513 UN	Surabaya	Sogan	11860	7300	4560	38.4	Bata Putih
29	AD 1524 JF	Solo	Porworejo	8920	7330	1590	17.8	Bumbu Masak
30	D 8192 XV	Bandung	Blitar	9140	7330	1810	19.8	Pater
31	D 9402 AV	Bandung	Jogja	9380	7380	2000	21.3	Paket

32	P 9234 UE	Blitar	Cilacap	8920	7380	1540	17.3	Bibit Udang
33	Z 9011 HQ	Gresik	Tasik	13060	7400	5660	43.3	Pupuk
34	AB 8726 NH	Jogja	Cilacap	9260	7450	1810	19.5	GRC
35	AB 9265 AD	Jakarta	Jogja	11460	7460	4000	34.9	Susu
36	AB 8026 AC	Jogja	Banjar	10860	7470	3390	31.2	Pater
37	AB 8000 ZQ	Jogja	Temon	8640	7500	1140	13.2	Kursi
38	AB 8318 JN	Jogja	Porworejo	10600	7500	3100	29.2	Tepung
39	S 9710 HF	Tuban	Jakarta	9660	7500	2160	22.4	Lukisan
40	B 9431 FXR	Jogja	Jakarta	7600	7500	100	1.3	Paket
41	N 9205 TE	Blitar	Garut	8840	7500	1340	15.2	Telur
42	AB 8010 DC	Sleman	Jakarta	10680	7500	3180	29.8	Salak
43	AA 1336 MD	Klaten	Kebumen	12820	7500	5320	41.5	Beras
44	AA 1322 VD	Tasik	Jogja	8640	7500	1140	13.2	Plastik
45	AB 8899 UR	Tulung agung	Porwokerto	12180	7500	4680	38.4	Pisang
46	AG 8020 UB	Tulung agung	Tasik	9480	7500	1980	20.9	Telur
47	AB 8618 CC	Jogja	Porworejo	10640	7500	3140	29.5	Sembako
48	AA 1804 DC	Kebumen	Wates	9480	7500	1980	20.9	Kelapa
49	AB 8271 IH	Wates	Porworejo	7760	7500	260	3.4	Keramik
50	B 9984 PCH	Jakarta	Jogja	9180	7500	1680	18.3	Paket
51	AB 8615 GC	Jogja	Porwokerto	13220	7500	5720	43.3	Besi
52	AB 8096 DC	Sleman	Kebumen	10020	7500	2520	25.1	Sembako
53	AB 8030 BK	Jogja	Banjar	11060	7500	3560	32.2	Kertas
54	H 1836 GV	Jakarta	Jogja	8160	7500	660	8.1	Permen
55	R 1504 LK	Klaten	Porwokerto	13060	7500	5560	42.6	Meubel
56	R 1972 AC	Porwokerto	Sleman	8700	7500	1200	13.8	Bambu
57	AD 1392 MD	Klaten	Porwokerto	9140	7500	1640	17.9	Pater
58	AB 8360 AY	Jogja	Kebumen	10400	7500	2900	27.9	Klontong
59	AB 8280 AC	Jogja	Porwokerto	10860	7500	3360	30.9	Buah
60	AB 8471 CC	Jogja	Kebumen	9900	7500	2400	24.2	Pupuk
61	R 1426 P	Porwokerto	Jogja	8000	7500	500	6.3	Klontong
62	AG 8745 UY	Kediri	Garut	9200	7500	1700	18.5	Bibit

63	S 8442 US	Tasik	Solo	7800	7500	300	3.8	Alat Masak
64	AD 1774 DR	Kebumen	Klaten	9700	7760	1940	20.0	Sembako
65	AD 1490 PL	Solo	Bandung	9640	7850	1790	18.6	Mainan
						Jumlah	144300	
						Rata-rata	2220	

## 8 ton ≤ JBI ≤ 14 ton (Golongan II)

No.	No. Kendaraan	Asal	Tujuan	Hasil Timbang	JBI	Overloading	Presentase %	Komoditi
1	AB 8828 ME	Jogja	Porworejo	14480	8000	6480	44.8	Sembako
2	AD 1500 L	Klaten	Jakarta	9620	8000	1620	16.8	Meubel
3	AB 8026 HC	Jogja	Banjar	10880	8000	2880	26.5	Pater
4	AB 8190 MD	Jogja	Kebumen	12580	8000	4580	36.4	Roti
5	D 9653 AE	Bandung	Jogja	10300	8200	2100	20.4	Plastik
6	F 8084 GI	Ciamis	Solo	11800	8200	3600	30.5	Bugeer
7	AA 1991 DV	Jogja	Porworejo	13740	8250	5490	40.0	Sembako
8	AA 1991 BD	Kebumen	Sukoharjo	13240	8250	4990	37.7	Sembako
9	N 9701 UJ	Bandung	Surabaya	12520	8500	4020	32.1	Ciki
10	AB 9652 WB	Jakarta	Klaten	15620	11030	4590	29.4	Plafon
11	N 9452 C	Jakarta	Malang	14140	11400	2740	19.4	Mesin
12	AG 8366 UR	Tulungagung	Porwokerto	16620	11400	5220	31.4	Kopi
13	D 8040 HL	Bandung	Solo	13800	11430	2370	17.2	Benang
14	R 9162 T	Porwokerto	Surabaya	14800	11500	3300	22.3	Paket
15	D 9138 AB	Bandung	Sidoarjo	22346	11500	10846	48.5	Elektronik
16	D 9217 AB	Bandung	Jogja	16200	11550	4650	28.7	Alat PJK
17	AA 1521 MH	Kedu	Surabaya	14180	11760	2420	17.1	Mesin
18	AB 9588 VE	Jogja	Porworejo	21280	11780	9500	44.6	Gula
19	B 9175 TXS	Jakarta	Solo	16500	11900	4600	27.9	Paket
20	D 9736 MP	Bandung	Jogja	19100	11910	7190	37.6	Alat PJK
21	AB 8457 GC	Tasik	Sleman	26300	12240	14060	53.5	Snack
22	B 9831 KXR	Jakarta	Surabaya	18420	12630	5790	31.4	Paket
23	BA 9608 LU	Bandung	Solo	17080	13300	3780	22.1	Benang
						Jumlah	116816	
						Rata-rata	5079	

## 114 ton &lt; JBI ≤ 21 ton (Golongan III)

No.	No. Kendaraan	Asal	Tujuan	Hasil Timbang	JBI	Overloading	Presentase %	Komoditi
1	AB 8379 EC	Jogja	Banjar	14260	14000	260	1.8	Pater
2	B 9290 PL	Jakarta	Klaten	17820	14000	3820	21.4	Tutup Aqua
3	N 8755 UJ	Bandung	Surabaya	18100	14030	4070	22.5	Kain
4	B 9622 UYZ	Jakarta	Solo	16520	15000	1520	9.2	Kendaraan
5	R 1874 FS	Surabaya	Porwkerto	17720	16000	1720	9.7	Termos
6	D 9123 CT	Bandung	Surabaya	19960	16000	3960	19.8	Kabel
7	AB 8803 FC	Jogja	Temon	21200	19000	2200	10.4	Ayam
8	K 1892 BB	Tasik	Klaten	34900	19550	15350	44.0	Aqua
9	AA 1822 AD	Cilacap	Sragen	44800	19720	25080	56.0	Asbes
10	L 8739 UQ	Surabaya	Porwokerto	27380	19999	7381	27.0	Kopi
11	K 1764 GB	Wonosobo	Klaten	35500	20000	15500	43.7	Aqua
12	Z 9080 DC	Tasik	Solo	31280	20000	11280	36.1	Tali
13	B 9906 WU	Bogor	Surabaya	38940	20760	18180	46.7	Semen Curah
14	B 9903 WU	Bogor	Surabaya	35800	20760	15040	42.0	Semen Curah
15	F 9739 FC	Bogor	Surabaya	42720	20760	21960	51.4	Semen Curah
16	B 9567 VU	Jakarta	Surabaya	36280	20760	15520	42.8	Semen
17	AB 8226 BK	Wonosobo	Jogja	37520	20940	16580	44.2	Gaplek
18	AG 8988 UA	Kediri	Wonosobo	83310	25590	57720	69.3	Pupuk
19	S 8634 UD	Surabaya	Jakarta	69518	25690	43828	63.0	Kompur
						Jumlah	280969	
						Rata-rata	14788	

## 21 ton &lt; JBI ≤ 28 ton (Golongan IV)

No.	No. Kendaraan	Asal	Tujuan	Hasil Timbang	JBI	Overloading	Presentase %	Komoditi
1	H 1943 BP	Surabaya	Cilacap	41580	21000	20580	49.5	Keramik
2	AB 8284 FU	Cikarang	Solo	50580	21000	29580	58.5	Keramik
3	E 9107 C	Jakarta	Jogja	36000	21000	15000	41.7	Minuman
4	B 9759 TC	Jakarta	Lamongan	29100	21000	8100	27.8	Tepung
5	W 6685 DF	Sidoarjo	Cilacap	40280	21000	19280	47.9	Mesin
6	R 1758 DR	Porwokerto	Kediri	27100	21000	6100	22.5	Semen
7	B 9979 WG	Jakarta	Surabaya	26000	21000	5000	19.2	Plafon
8	R 1581 EK	Kediri	Porwokerto	34460	22630	11830	34.3	Kalsit

9	D 8319 DV	Tuban	Porwokerto	44600	22630	21970	49.3	Semen
10	F 9730 FE	Bogor	Jogja	42340	22630	19710	46.6	Semen
11	Z 9389 HA	Gresik	Tasik	41200	22920	18280	44.4	Garam
12	B 9558 BEU	Surabaya	Jakarta	31160	23000	8160	26.2	Biskuit
13	R 1845 SD	Banyumas	Surabaya	78100	23840	54260	69.5	Bahan Kulit
14	T 9822 TB	Kediri	Bandung	28980	24000	4980	17.2	Paket
15	D 9379 AC	Jombang	Porworejo	45240	24400	20840	46.1	Pupuk
16	D 8624 GL	Jombang	Porworejo	46720	24400	22320	47.8	Pupuk
17	R 1891 AB	Cilacap	Sragen	33840	24400	9440	27.9	Alat Dapur
18	S 8923 UU	Tuban	Porwokerto	42580	24400	18180	42.7	Gypsum
19	R 1755 BE	Gresik	Porwokerto	67020	25500	41520	62.0	Mie
20	AD 1892 DE	Cikarang	Solo	38520	25800	12720	33.0	Teh
21	Z 9012 HA	Tasik	Sidoarjo	43920	26000	17920	40.8	Kopi
22	B 9589 SYL	Jakarta	Surabaya	29840	26000	3840	12.9	Minuman
23	K 1976 BB	Tasik	Klaten	34500	26000	8500	24.6	Aqua
24	B 9529 UG	Jakarta	Surabaya	38710	26000	12710	32.8	Plafon
						Jumlah	410820	
						Rata-rata	17118	

### Lampiran 8. Hasil *Running Job Summary File* Program *Circly 6.0* beban standar.

CIRCLY - Version 6.0 (20 February 2019)

Job Title: Tugas Akhir Muhammad Iqbal

Damage Factor Calculation

Assumed number of damage pulses per movement:  
 Combined pulse for gear (i.e. ignore NROWS)

Traffic Spectrum Details:

Load No.	Load ID	Movements
1	ESA750-Full	4.45E+07

Details of Load Groups:

Load No.	Load ID	Load Category	Load Type	Radius	Pressure/Ref. stress	Exponent
1	ESA750-Full	ESA750-Full	Vertical Force	92.1	0.75	0.00

Load Locations:

Location No.	Load ID	Gear No.	X	Y	Scaling Factor	Theta
1	ESA750-Full	1	-165.0	0.0	1.00E+00	0.00
2	ESA750-Full	1	165.0	0.0	1.00E+00	0.00
3	ESA750-Full	1	1635.0	0.0	1.00E+00	0.00
4	ESA750-Full	1	1965.0	0.0	1.00E+00	0.00

Layout of result points on horizontal plane:

Xmin: 0    Xmax: 165    Xdel: 165  
 Y: 0

Details of Layered System:

ID: Aust20042P Title: Austroads 2004 - Example 2 - Post-Cracked

Layer	Lower	Material	Isotropy	Modulus	P.Ratio
-------	-------	----------	----------	---------	---------

No.	i/face	ID		(or Ev)	(or vvh)	F	Eh	vh
1	rough	Asph3000	Iso.	3.00E+03	0.40			
2	rough	Gran_350	Aniso.	3.50E+02	0.35	2.59E+02	1.75E+02	0.35
3	rough	Cement5000	Iso.	5.00E+03	0.20			
4	rough	Sub_CBR5	Aniso.	5.00E+01	0.45	3.45E+01	2.50E+01	0.45

## Performance Relationships:

Layer No.	Location	Material ID	Component	Perform. Constant	Perform. Exponent	Traffic Multiplier
1	bottom	Asph3000	ETH	0.004067	5.000	1.100
3	bottom	Cement5000	ETH	0.000310	12.000	12.000
4	top	Sub_CBR5	EZZ	0.009300	7.000	1.600

## Reliability Factors:

Project Reliability: Austroads 95%

Layer No.	Reliability Factor	Material Type
1	1.00	Asphalt
3	1.00	Cement Stabilised
4	1.00	Subgrade (Austroads 2004)

## Details of Layers to be sublayered:

Layer no. 2: Austroads (2004) sublayering

## Results:

Layer No.	Thickness	Material ID	Load ID	Critical Strain	CDF
1	175.00	Asph3000	ESA750-Full	-8.68E-05	2.17E-01
2	100.00	Gran_350	n/a		n/a
3	250.00	Cement5000	ESA750-Full	-4.66E-05	7.19E-02
4	0.00	Sub_CBR5	ESA750-Full	1.40E-04	1.25E-05

Lampiran 9. Hasil *Running Damage File* Program *Circlly 6.0* beban standar.

Tugas Akhir Muhammad Iqbal

Asphalt- 3000 MPa, VB=11%

Maximum damage values for each vehicle type

Vehicle Type	Damage Factor	Critical Strain
ESA750-Full	.21655E+00	-0.86783E-04

Maximum of total damage= 0.2165497

Cemented, E=5000 MPa

Maximum damage values for each vehicle type

Vehicle Type	Damage Factor	Critical Strain
ESA750-Full	.71901E-01	-0.46644E-04

Maximum of total damage= 7.1901202E-02

Subgrade, CBR=5, Aniso

Maximum damage values for each vehicle type

Vehicle Type	Damage Factor	Critical Strain
ESA750-Full	.12543E-04	0.14011E-03

Maximum of total damage= 1.2543283E-05

Lampiran 10. Hasil *Running .CLO File Program Circly 6.0* beban standar.

```

*****
*
*           Program- CIRCLY
*
*
*           Version- 6.0 (7 September 2016)
*
*           (C) Copyright MINCAD Systems Pty. Ltd., Australia 2016.
*
*           LAYERS BLOCK WORKSPACE      (MLYBLK)... 125000
*           COORDINATES BLOCK WORKSPACE (MCOORD)...  5000
*
*           CONVERGENCE TOLERANCE        (EPS)... 1.0E-02
*           MINIMUM INTEGRATION RANGE    (RKUPMN)... 2.0E+00
*           MAXIMUM INTEGRATION RANGE    (RKNMTR)... 1.0E+01
*           MAXIMUM EXPONENTIAL FN. ARG. (EXPMAX)... 2.0E+01
*           MAXIMUM NODES IN QUADRATURE (MXKNOD)...  127
*
*****

```

0DETAILS OF LAYERED SYSTEM

-----

0NUMBER OF LAYERS..... 4  
0

LAYER	TYPE	ELASTIC CONSTANTS		THICKNESS
0 1	ISOTROPIC	MODULUS = 0.3000E+04	POISSONS RATIO = 0.4000E+00	0.1750E+03
ROUGH				
0 2	CROSS-ANISOTROPIC	EH = 0.1750E+03	EV = 0.3500E+03 F = 0.2593E+03	0.1000E+03
ROUGH				
0 3	ISOTROPIC	VVH= 0.3500E+00	VH = 0.3500E+00	0.2500E+03
ROUGH		MODULUS = 0.5000E+04	POISSONS RATIO = 0.2000E+00	

0 4 CROSS-ANISOTROPIC EH = 0.2500E+02 EV = 0.5000E+02 F = 0.3448E+02 INFINITE  
 VVH= 0.4500E+00 VH = 0.4500E+00

0DETAILS OF LOADS Equivalent Single Axle (press=0.75 MPa)- Full Axle (Austroads 2004)  
 -----

0NUMBER OF LOAD GROUPS..... 1  
 0NUMBER OF NON-DEFAULT LOAD LOCATIONS.... 4

0 LOAD GROUP NO.	LOAD TYPE	RADIUS	REFERENCE STRESS	AVERAGE STRESS	LOAD/MOMENT PER LOCATION	POWER
1	(1) VERTICAL FORCE	0.9210E+02	0.7500E+00	0.7500E+00	0.1999E+05	0.0000E+00

NON-DEFAULT LOAD LOCATION DATA  
 -----

LOAD GROUP NO.	X	Y	THETA (DEGREES)	SCALING FACTOR
1	-0.1650E+03	0.0000E+00	0.000	0.1000E+01
1	0.1650E+03	0.0000E+00	0.000	0.1000E+01
1	0.1635E+04	0.0000E+00	0.000	0.1000E+01
1	0.1965E+04	0.0000E+00	0.000	0.1000E+01

SOLUTION METHOD DETAILS





Lampiran 11. Hasil *Running Job Summary File* Program *Circly 6.0* beban berlebih (*Overload*).

CIRCLY - Version 6.0 (20 February 2019)

Job Title: Tugas Akhir Muhammad Iqbal

Damage Factor Calculation

Assumed number of damage pulses per movement:  
 Combined pulse for gear (i.e. ignore NROWS)

Traffic Spectrum Details:

Load No.	Load ID	Movements
1	ESA750-Full	9.92E+07

Details of Load Groups:

Load No.	Load ID	Load Category	Load Type	Radius	Pressure/Ref. stress	Exponent
1	ESA750-Full	ESA750-Full	Vertical Force	92.1	0.75	0.00

Load Locations:

Location No.	Load ID	Gear No.	X	Y	Scaling Factor	Theta
1	ESA750-Full	1	-165.0	0.0	1.00E+00	0.00
2	ESA750-Full	1	165.0	0.0	1.00E+00	0.00
3	ESA750-Full	1	1635.0	0.0	1.00E+00	0.00
4	ESA750-Full	1	1965.0	0.0	1.00E+00	0.00

Layout of result points on horizontal plane:

Xmin: 0 Xmax: 165 Xdel: 165  
 Y: 0

Details of Layered System:

ID: Aust20042P Title: Austroads 2004 - Example 2 - Post-Cracked

Layer No.	Lower i/face	Material ID	Isotropy	Modulus (or Ev)	P.Ratio (or vvh)	F	Eh	vh
1	rough	Asph3000	Iso.	3.00E+03	0.40			
2	rough	Gran_350	Aniso.	3.50E+02	0.35	2.59E+02	1.75E+02	0.35
3	rough	Cement5000	Iso.	5.00E+03	0.20			
4	rough	Sub_CBR5	Aniso.	5.00E+01	0.45	3.45E+01	2.50E+01	0.45

## Performance Relationships:

Layer No.	Location	Material ID	Component	Perform. Constant	Perform. Exponent	Traffic Multiplier
1	bottom	Asph3000	ETH	0.004067	5.000	1.100
3	bottom	Cement5000	ETH	0.000310	12.000	12.000
4	top	Sub_CBR5	EZZ	0.009300	7.000	1.600

## Reliability Factors:

Project Reliability: Austroads 95%

Layer No.	Reliability Factor	Material Type
1	1.00	Asphalt
3	1.00	Cement Stabilised
4	1.00	Subgrade (Austroads 2004)

## Details of Layers to be sublayered:

Layer no. 2: Austroads (2004) sublayering

## Results:

Layer No.	Thickness	Material ID	Load ID	Critical Strain	CDF
1	225.00	Asph3000	ESA750-Full	-7.06E-05	1.72E-01
2	100.00	Gran_350	n/a		n/a
3	200.00	Cement5000	ESA750-Full	-4.55E-05	1.20E-01
4	0.00	Sub_CBR5	ESA750-Full	1.42E-04	3.05E-05

Lampiran 12. Hasil *Running Damage File* Program *Circlly 6.0* beban berlebih (*Overload*).

Tugas Akhir Muhammad Iqbal

Asphalt- 3000 MPa, VB=11%

Maximum damage values for each vehicle type

Vehicle Type	Damage Factor	Critical Strain
ESA750-Full	.17152E+00	-0.70560E-04

Maximum of total damage= 0.1715207

Cemented, E=5000 MPa

Maximum damage values for each vehicle type

Vehicle Type	Damage Factor	Critical Strain
ESA750-Full	.12035E+00	-0.45543E-04

Maximum of total damage= 0.1203509

Subgrade, CBR=5, Aniso

Maximum damage values for each vehicle type

Vehicle Type	Damage Factor	Critical Strain
ESA750-Full	.30534E-04	0.14188E-03

Maximum of total damage= 3.0534247E-05

Lampiran 13. Hasil *Running .CLO File Program Circly 6.0* beban berlebih (*Overload*).

```

*****
*
*                               Program- CIRCLY                               *
*
*                               Version- 6.0 (7 September 2016)                *
*
*                               (C) Copyright MINCAD Systems Pty. Ltd., Australia 2016.
*
*                               LAYERS BLOCK WORKSPACE      (MLYBLK)... 125000    *
*                               COORDINATES BLOCK WORKSPACE (MCOORD)...  5000     *
*
*                               CONVERGENCE TOLERANCE       (EPS)... 1.0E-02     *
*                               MINIMUM INTEGRATION RANGE   (RKUPMN)... 2.0E+00   *
*                               MAXIMUM INTEGRATION RANGE   (RKNMTR)... 1.0E+01   *
*                               MAXIMUM EXPONENTIAL FN. ARG.(EXPMAX)... 2.0E+01  *
*                               MAXIMUM NODES IN QUADRATURE (MXKNOD)...  127     *
*
*****

```

0DETAILS OF LAYERED SYSTEM

-----

0NUMBER OF LAYERS..... 4  
0

LAYER	TYPE	ELASTIC CONSTANTS			THICKNESS
0 1	ISOTROPIC	MODULUS = 0.3000E+04	POISSONS RATIO = 0.4000E+00		0.2250E+03
ROUGH					
0 2	CROSS-ANISOTROPIC	EH = 0.1750E+03	EV = 0.3500E+03	F = 0.2593E+03	0.1000E+03
ROUGH					
0 3	ISOTROPIC	MODULUS = 0.5000E+04	POISSONS RATIO = 0.2000E+00		0.2000E+03
ROUGH					

0 4 CROSS-ANISOTROPIC EH = 0.2500E+02 EV = 0.5000E+02 F = 0.3448E+02 INFINITE  
 VVH= 0.4500E+00 VH = 0.4500E+00

0DETAILS OF LOADS Equivalent Single Axle (press=0.75 MPa)- Full Axle (Austroads 2004)  
 -----

0NUMBER OF LOAD GROUPS..... 1  
 0NUMBER OF NON-DEFAULT LOAD LOCATIONS.... 4

0 LOAD GROUP NO.	LOAD TYPE	RADIUS	REFERENCE STRESS	AVERAGE STRESS	LOAD/MOMENT PER LOCATION	POWER
1	(1) VERTICAL FORCE	0.9210E+02	0.7500E+00	0.7500E+00	0.1999E+05	0.0000E+00

NON-DEFAULT LOAD LOCATION DATA  
 -----

LOAD GROUP NO.	X	Y	THETA (DEGREES)	SCALING FACTOR
1	-0.1650E+03	0.0000E+00	0.000	0.1000E+01
1	0.1650E+03	0.0000E+00	0.000	0.1000E+01
1	0.1635E+04	0.0000E+00	0.000	0.1000E+01
1	0.1965E+04	0.0000E+00	0.000	0.1000E+01

SOLUTION METHOD DETAILS



