

PERHITUNGAN LHR

**JALAN LENTENG AGUNG RAYA**  
**STASIUN LENTENG AGUNG**

ARAH: (JAKARTA — DEPOK)

PAGI

	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
<b>GOL</b>	emp = 1,0		emp = 1,2		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
<b>PAGI</b>								
06:00 - 06:15	158,0	158,0	15,0	18,0	623,0	155,8	796,0	331,8
06:15 - 06:30	185,0	185,0	17,0	20,4	888,0	222,0	1090,0	427,4
06:30 - 06:45	285,0	285,0	13,0	15,6	922,0	230,5	1220,0	531,1
06:45 - 07:00	372,0	372,0	30,0	36,0	813,0	203,3	1215,0	611,3
<b>Total</b>	<b>1000,0</b>	<b>1000,0</b>	<b>75,0</b>	<b>90,0</b>	<b>3246,0</b>	<b>811,5</b>	<b>4321,0</b>	<b>1901,5</b>
07:00 - 07:15	436,0	436,0	20,0	24,0	1186,0	296,5	1642,0	756,5
07:15 - 07:30	451,0	451,0	23,0	27,6	1383,0	345,8	1857,0	824,4
07:30 - 07:45	489,0	489,0	20,0	24,0	1591,0	397,8	2100,0	910,8
07:45 - 08:00	520,0	520,0	23,0	27,6	1688,0	422,0	2231,0	969,6
<b>Total</b>	<b>1896,0</b>	<b>1896,0</b>	<b>86,0</b>	<b>103,2</b>	<b>5848,0</b>	<b>1462,0</b>	<b>7830,0</b>	<b>3461,2</b>

PENCACAHAN TIAP INTERVAL 15 MENIT DALAM 1 JAM

	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
<b>GOL</b>	emp = 1,0		emp = 1,2		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
<b>PAGI</b>								
06:00 - 07:00	1000	1000,0	75	90,0	3246	811,5	4.321	1.902
06:15 - 07:15	1278	1278,0	80	96,0	3809	952,3	5.167	2.326
06:30 - 07:30	1544	1544,0	86	103,2	4304	1076,0	5.934	2.723
06:45 - 07:45	1748	1748,0	93	111,6	4973	1243,3	6.814	3.103
07:00 - 08:00	1896	1896,0	86	103,2	5848	1462,0	7.830	3.461
<b>MAX =</b>	1.896	<b>1.896</b>	93	<b>112</b>	5.848	<b>1.462</b>	<b>7.830</b>	<b>3.461</b>
<b>AVERAGE =</b>	1.493	<b>1.493</b>	84	<b>101</b>	4.436	<b>1.109</b>	<b>6.013</b>	<b>2.703</b>

# PERHITUNGAN LHR

## JALAN LENTENG AGUNG RAYA STASIUN LENTENG AGUNG

ARAH : (JAKARTA — DEPOK)

SORE

	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,2		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
SORE								
16:00 - 16:15	493,0	493,0	43,0	51,6	1771,0	442,8	2307,0	987,4
16:15 - 16:30	379,0	379,0	35,0	42,0	1758,0	439,5	2172,0	860,5
16:30 - 16:45	479,0	479,0	38,0	45,6	1850,0	462,5	2367,0	987,1
16:45 - 17:00	499,0	499,0	37,0	44,4	1992,0	498,0	2528,0	1041,4
Total	1850,0	1850,0	153,0	183,6	7371,0	1842,8	9374,0	3876,4
17:00 - 17:15	468,0	468,0	30,0	36,0	2167,0	541,8	2665,0	1045,8
17:15 - 17:30	473,0	473,0	30,0	36,0	2364,0	591,0	2867,0	1100,0
17:30 - 17:45	469,0	469,0	30,0	36,0	2369,0	592,3	2868,0	1097,3
17:45 - 18:00	403,0	403,0	24,0	28,8	1816,0	454,0	2243,0	885,8
Total	1813,0	1813,0	114,0	136,8	8716,0	2179,0	10643,0	4128,8

## PENCACAHAN TIAP INTERVAL 15 MENIT DALAM 1 JAM

	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,2		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
SORE								
16:00 - 17:00	1850	1850,0	153	183,6	7371	1842,8	9.374	3.876
16:15 - 17:15	1825	1825,0	140	168,0	7767	1941,8	9.732	3.935
16:30 - 17:30	1919	1919,0	135	162,0	8373	2093,3	10.427	4.174
16:45 - 17:45	1909	1909,0	127	152,4	8892	2223,0	10.928	4.284
17:00 - 18:00	1813	1813,0	114	136,8	8716	2179,0	10.643	4.129
MAX =	1.919	1.919	153	184	8.892	2.223	10.928	4.284
AVERAGE =	1.863	1.863	134	161	8.224	2.056	10.221	4.080

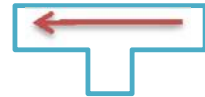
PERHITUNGAN LHR

JALAN LENTENG AGUNG RAYA

Simpang Jagakarsa

ARAH DARI: (DEPOK — JAKARTA)

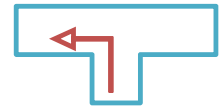
PAGI



	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kendaraan bermotor (MV)	
GOL	emp = 1,0		emp = 1,2		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
PAGI								
06:00 - 06:15	538,0	538,0	49,0	58,8	2723,0	680,8	3310,0	1277,6
06:15 - 06:30	607,0	607,0	91,0	109,2	2869,0	717,3	3567,0	1433,5
06:30 - 06:45	575,0	575,0	134,0	160,8	2909,0	727,3	3618,0	1463,1
06:45 - 07:00	526,0	526,0	162,0	194,4	3018,0	754,5	3706,0	1474,9
<b>Total</b>	<b>2246,0</b>	<b>2246,0</b>	<b>436,0</b>	<b>523,2</b>	<b>11519,0</b>	<b>2879,8</b>	<b>14201,0</b>	<b>5649,0</b>
07:00 - 07:15	443,0	443,0	181,0	217,2	3099,0	774,8	3723,0	1435,0
07:15 - 07:30	428,0	428,0	202,0	242,4	3030,0	757,5	3660,0	1427,9
07:30 - 07:45	440,0	440,0	230,0	276,0	3321,0	830,3	3991,0	1546,3
07:45 - 08:00	434,0	434,0	251,0	301,2	2853,0	713,3	3538,0	1448,5
<b>Total</b>	<b>1745,0</b>	<b>1745,0</b>	<b>864,0</b>	<b>1036,8</b>	<b>12303,0</b>	<b>3075,8</b>	<b>14912,0</b>	<b>5857,6</b>

PENCACAHAN TIAP INTERVAL 15 MENIT DALAM 1 JAM

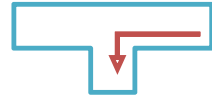
	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,2		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
PAGI								
06:00 - 07:00	2246	2246,0	436	523,2	11519	2879,8	14.201,0	5.649,0
06:15 - 07:15	2151	2151,0	568	681,6	11895	2973,8	14.614,0	5.806,4
06:30 - 07:30	1972	1972,0	679	814,8	12056	3014,0	14.707,0	5.800,8
06:45 - 07:45	1837	1837,0	775	930,0	12468	3117,0	15.080,0	5.884,0
07:00 - 08:00	1745	1745,0	864	1036,8	12303	3075,8	14.912,0	5.857,6
<b>MAX =</b>	2.246	<b>2.246</b>	864	<b>1.037</b>	12.468	<b>3.117</b>	15.080	<b>5.884</b>
<b>AVERAGE =</b>	1.990	<b>1.990</b>	664	<b>797</b>	12.048	<b>3.012</b>	14.703	<b>5.800</b>



	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,2		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
PAGI								
06:00 - 06:15	39,0	39,0	0,0	0,0	115,0	28,8	154,0	67,8
06:15 - 06:30	40,0	40,0	0,0	0,0	142,0	35,5	182,0	75,5
06:30 - 06:45	24,0	24,0	1,0	1,2	105,0	26,3	130,0	51,5
06:45 - 07:00	18,0	18,0	0,0	0,0	98,0	24,5	116,0	42,5
Total	121,0	121,0	1,0	1,2	460,0	115,0	582,0	237,2
07:00 - 07:15	9,0	9,0	1,0	1,2	92,0	23,0	102,0	33,2
07:15 - 07:30	15,0	15,0	0,0	0,0	87,0	21,8	102,0	36,8
07:30 - 07:45	24,0	24,0	2,0	2,4	91,0	22,8	117,0	49,2
07:45 - 08:00	26,0	26,0	1,0	1,2	75,0	18,8	102,0	46,0
Total	74,0	74,0	4,0	4,8	345,0	86,3	423,0	165,1

PENCACAHAN TIAP INTERVAL 15 MENIT DALAM 1 JAM

	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,2		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
PAGI								
06:00 - 07:00	121	121,0	1	1,2	460	115,0	582	237
06:15 - 07:15	91	91,0	2	2,4	437	109,3	530	203
06:30 - 07:30	66	66,0	2	2,4	382	95,5	450	164
06:45 - 07:45	66	66,0	3	3,6	368	92,0	437	162
07:00 - 08:00	74	74,0	4	4,8	345	86,3	423	165
MAX =	121	121	4	5	460	115	582	237
AVERAGE =	84	84	2	3	398	100	484	186



	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,2		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
PAGI								
06:00 - 06:15	16,0	16,0	0,0	0,0	43,0	10,8	59,0	26,8
06:15 - 06:30	32,0	32,0	0,0	0,0	88,0	22,0	120,0	54,0
06:30 - 06:45	39,0	39,0	1,0	1,2	112,0	28,0	152,0	68,2
06:45 - 07:00	33,0	33,0	0,0	0,0	144,0	36,0	177,0	69,0
Total	120,0	120,0	1,0	1,2	387,0	96,8	508,0	218,0
07:00 - 07:15	27,0	27,0	2,0	2,4	127,0	31,8	156,0	61,2
07:15 - 07:30	26,0	26,0	0,0	0,0	132,0	33,0	158,0	59,0
07:30 - 07:45	30,0	30,0	0,0	0,0	101,0	25,3	131,0	55,3
07:45 - 08:00	26,0	26,0	1,0	1,2	110,0	27,5	137,0	54,7
Total	109,0	109,0	3,0	3,6	470,0	117,5	582,0	230,1

#### PENCACAHAN TIAP INTERVAL 15 MENIT DALAM 1 JAM

	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,2		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
PAGI								
06:00 - 07:00	120	120,0	1	1,2	387	96,8	508	218
06:15 - 07:15	131	131,0	3	3,6	471	117,8	605	252
06:30 - 07:30	125	125,0	3	3,6	515	128,8	643	257
06:45 - 07:45	116	116,0	2	2,4	504	126,0	622	244
07:00 - 08:00	109	109,0	3	3,6	470	117,5	582	230

<b>MAX</b> =	131	<b>131</b>	3	<b>4</b>	515	<b>129</b>	643	<b>257</b>
<b>AVERAGE</b> =	120	<b>120</b>	2	<b>3</b>	469	<b>117</b>	592	<b>240</b>

#### MENCARI TOTAL ARUS MAKSIMUM

	Total kend. bermotor (MV)						Total Arus Kend	
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j		
PAGI							kend/j	smp/j
06:00 - 07:00	14.201	5.649	582	237	508	218	15.291	6.104
06:15 - 07:15	14.614	5.806	530	203	605	252	15.749	6.261
06:30 - 07:30	14.707	5.801	450	164	643	257	15.800	6.222
<b>06:45 - 07:45</b>	<b>15.080</b>	<b>5.884</b>	<b>437</b>	<b>162</b>	<b>622</b>	<b>244</b>	<b>16.139</b>	<b>6.290</b>
07:00 - 08:00	14.912	5.858	423	165	582	230	15.917	6.253

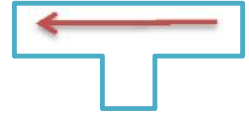
PERHITUNGAN LHR

JALAN LENTENG AGUNG RAYA

Simpang Jagakarsa

ARAH: (DEPOK — JAKARTA)

SORE

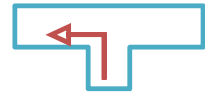


	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,2		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
SORE								
16:00 - 16:15	457,0	457,0	26,0	31,2	1072,0	268,0	1555,0	756,2
16:15 - 16:30	464,0	464,0	36,0	43,2	1162,0	290,5	1662,0	797,7
16:30 - 16:45	404,0	404,0	28,0	33,6	1292,0	323,0	1724,0	760,6
16:45 - 17:00	388,0	388,0	33,0	39,6	1370,0	342,5	1791,0	770,1
Total	1713,0	1713,0	123,0	147,6	4896,0	1224,0	6732,0	3084,6
17:00 - 17:15	376,0	376,0	35,0	42,0	1293,0	323,3	1704,0	741,3
17:15 - 17:30	475,0	475,0	26,0	31,2	1176,0	294,0	1677,0	800,2
17:30 - 17:45	395,0	395,0	22,0	26,4	1261,0	315,3	1678,0	736,7
17:45 - 18:00	381,0	381,0	16,0	19,2	1292,0	323,0	1689,0	723,2
Total	1627,0	1627,0	99,0	118,8	5022,0	1255,5	6748,0	3001,3

PENCACAHAN TIAP INTERVAL 15 MENIT DALAM 1 JAM

	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,2		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
SORE								
16:00 - 17:00	1713	1713,0	123	147,6	4896	1224,0	6.732	3.085
16:15 - 17:15	1632	1632,0	132	158,4	5117	1279,3	6.881	3.070
16:30 - 17:30	1643	1643,0	122	146,4	5131	1282,8	6.896	3.072
16:45 - 17:45	1634	1634,0	116	139,2	5100	1275,0	6.850	3.048
17:00 - 18:00	1627	1627,0	99	118,8	5022	1255,5	6.748	3.001
MAX =	1.713	1.713	132	158	5.131	1.283	6.896	3.085
AVERAGE =	1.650	1.650	118	142	5.053	1.263	6.821	3.055

ARAH: (DEPOK — JAKARTA)



SORE

	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,2		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
SORE								
16:00 - 16:15	32,0	32,0	2,0	2,4	102,0	25,5	136,0	59,9
16:15 - 16:30	45,0	45,0	2,0	2,4	113,0	28,3	160,0	75,7
16:30 - 16:45	33,0	33,0	2,0	2,4	132,0	33,0	167,0	68,4
16:45 - 17:00	38,0	38,0	1,0	1,2	154,0	38,5	193,0	77,7
Total	148,0	148,0	7,0	8,4	501,0	125,3	656,0	281,7
17:00 - 17:15	28,0	28,0	0,0	0,0	90,0	22,5	118,0	50,5
17:15 - 17:30	26,0	26,0	0,0	0,0	109,0	27,3	135,0	53,3
17:30 - 17:45	44,0	44,0	1,0	1,2	124,0	31,0	169,0	76,2
17:45 - 18:00	26,0	26,0	2,0	2,4	133,0	33,3	161,0	61,7
Total	124,0	124,0	3,0	3,6	456,0	114,0	583,0	241,6

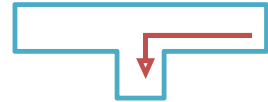
PENCACAHAN TIAP INTERVAL 15 MENIT DALAM 1 JAM

	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,2		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
SORE								
16:00 - 17:00	148	148,0	7	8,4	501	125,3	656	282
16:15 - 17:15	144	144,0	5	6,0	489	122,3	638	272
16:30 - 17:30	125	125,0	3	3,6	485	121,3	613	250
16:45 - 17:45	136	136,0	2	2,4	477	119,3	615	258
17:00 - 18:00	124	124,0	3	3,6	456	114,0	583	242

MAX =	148	<b>148</b>	7	<b>8</b>	501	<b>125</b>	656	<b>282</b>
AVERAGE =	135	<b>135</b>	4	<b>5</b>	482	<b>120</b>	621	<b>261</b>

ARAH: (DEPOK — JAKARTA)

SORE



	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,2		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
SORE								
16:00 - 16:15	29,0	29,0	2,0	2,4	90,0	22,5	121,0	53,9
16:15 - 16:30	17,0	17,0	2,0	2,4	63,0	15,8	82,0	35,2
16:30 - 16:45	25,0	25,0	1,0	1,2	109,0	27,3	135,0	53,5
16:45 - 17:00	32,0	32,0	4,0	4,8	107,0	26,8	143,0	63,6
<b>Total</b>	<b>103,0</b>	<b>103,0</b>	<b>9,0</b>	<b>10,8</b>	<b>369,0</b>	<b>92,3</b>	<b>481,0</b>	<b>206,1</b>
17:00 - 17:15	32,0	32,0	3,0	3,6	101,0	25,3	136,0	60,9
17:15 - 17:30	44,0	44,0	0,0	0,0	127,0	31,8	171,0	75,8
17:30 - 17:45	28,0	28,0	1,0	1,2	94,0	23,5	123,0	52,7
17:45 - 18:00	30,0	30,0	1,0	1,2	118,0	29,5	149,0	60,7
<b>Total</b>	<b>134,0</b>	<b>134,0</b>	<b>5,0</b>	<b>6,0</b>	<b>440,0</b>	<b>110,0</b>	<b>579,0</b>	<b>250,0</b>

PENCACAHAN TIAP INTERVAL 15 MENIT DALAM 1 JAM

	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,2		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
SORE								
16:00 - 17:00	103	103,0	9	10,8	369	92,3	481	206
16:15 - 17:15	106	106,0	10	12,0	380	95,0	496	213
16:30 - 17:30	133	133,0	8	9,6	444	111,0	585	254
16:45 - 17:45	136	136,0	8	9,6	429	107,3	573	253
17:00 - 18:00	134	134,0	5	6,0	440	110,0	579	250

MAX =	136	<b>136</b>	10	<b>12</b>	444	<b>111</b>	<b>585</b>	<b>254</b>
AVERAGE =	122	<b>122</b>	8	<b>10</b>	412	<b>103</b>	<b>543</b>	<b>235</b>

MENCARI TOTAL ARUS MAKSIMUM

	Total kend. bermotor (MV)							
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j		
PAGI							Total Arus Kend	
							kend/j	smp/j
16:00 - 17:00	6.732	3.085	656	282	481	206	7.869	3.572
16:15 - 17:15	6.881	3.070	638	272	496	213	8.015	3.555
<b>16:30 - 17:30</b>	<b>6.896</b>	<b>3.072</b>	<b>613</b>	<b>250</b>	<b>585</b>	<b>254</b>	<b>8.094</b>	<b>3.576</b>
16:45 - 17:45	6.850	3.048	615	258	573	253	8.038	3.559
17:00 - 18:00	6.748	3.001	583	242	579	250	7.910	3.493



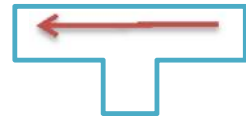
PERHITUNGAN LHR

JALAN LENTENG AGUNG RAYA

SIMPANG M. KAHFI

ARAH DARI: (DEPOK — JAKARTA)

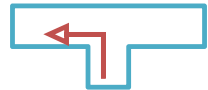
PAGI



	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,2		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
PAGI								
06:00 - 06:15	362,0	362,0	38,0	45,6	1927,0	481,8	2327,0	889,4
06:15 - 06:30	450,0	450,0	34,0	40,8	2279,0	569,8	2763,0	1060,6
06:30 - 06:45	515,0	515,0	30,0	36,0	2666,0	666,5	3211,0	1217,5
06:45 - 07:00	446,0	446,0	38,0	45,6	3008,0	752,0	3492,0	1243,6
<b>Total</b>	<b>1773,0</b>	<b>1773,0</b>	<b>140,0</b>	<b>168,0</b>	<b>9880,0</b>	<b>2470,0</b>	<b>11793,0</b>	<b>4411,0</b>
07:00 - 07:15	544,0	544,0	46,0	55,2	3129,0	782,3	3719,0	1381,5
07:15 - 07:30	513,0	513,0	28,0	33,6	3173,0	793,3	3714,0	1339,9
07:30 - 07:45	506,0	506,0	30,0	36,0	3292,0	823,0	3828,0	1365,0
07:45 - 08:00	437,0	437,0	32,0	38,4	2741,0	685,3	3210,0	1160,7
<b>Total</b>	<b>2000,0</b>	<b>2000,0</b>	<b>136,0</b>	<b>163,2</b>	<b>12335,0</b>	<b>3083,8</b>	<b>14471,0</b>	<b>5247,0</b>

PENCACAHAN TIAP INTERVAL 15 MENIT DALAM 1 JAM

	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,2		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
PAGI								
06:00 - 07:00	1773	1773,0	140	168,0	9880	2470,0	11.793	4.411
06:15 - 07:15	1955	1955,0	148	177,6	11082	2770,5	13.185	4.903
06:30 - 07:30	2018	2018,0	142	170,4	11976	2994,0	14.136	5.182
06:45 - 07:45	2009	2009,0	142	170,4	12602	3150,5	14.753	5.330
07:00 - 08:00	2000	2000,0	136	163,2	12335	3083,8	14.471	5.247
<b>MAX =</b>	<b>2.018</b>	<b>2.018</b>	<b>148</b>	<b>178</b>	<b>12.602</b>	<b>3.151</b>	<b>14.753</b>	<b>5.330</b>
<b>AVERAGE =</b>	<b>1.951</b>	<b>1.951</b>	<b>142</b>	<b>170</b>	<b>11.575</b>	<b>2.894</b>	<b>13.668</b>	<b>5.015</b>



	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,3		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
PAGI								
06:00 - 06:15	135,0	135,0	4,0	4,8	550,0	137,5	689,0	277,3
06:15 - 06:30	135,0	135,0	1,0	1,2	604,0	151,0	740,0	287,2
06:30 - 06:45	145,0	145,0	4,0	4,8	889,0	222,3	1038,0	372,1
06:45 - 07:00	125,0	125,0	1,0	1,2	710,0	177,5	836,0	303,7
Total	540,0	540,0	10,0	12,0	2753,0	688,3	3303,0	1240,3
07:00 - 07:15	139,0	139,0	2,0	2,4	1021,0	255,3	1162,0	396,7
07:15 - 07:30	143,0	143,0	2,0	2,4	820,0	205,0	965,0	350,4
07:30 - 07:45	112,0	112,0	3,0	3,6	931,0	232,8	1046,0	348,4
07:45 - 08:00	144,0	144,0	4,0	4,8	429,0	107,3	577,0	256,1
Total	538,0	538,0	11,0	13,2	3201,0	800,3	3750,0	1351,5

PENCACAHAN TIAP INTERVAL 15 MENIT DALAM 1 JAM

	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,3		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
PAGI								
06:00 - 07:00	540	540,0	10	12,0	2753	688,3	3.303	1.240
06:15 - 07:15	544	544,0	8	9,6	3224	806,0	3.776	1.360
06:30 - 07:30	552	552,0	9	10,8	3440	860,0	4.001	1.423
06:45 - 07:45	519	519,0	8	9,6	3482	870,5	4.009	1.399
07:00 - 08:00	538	538,0	11	13,2	3201	800,3	3.750	1.351
MAX =	552	552	11	13	3.482	871	4.009	1.423
AVERAGE =	539	539	9	11	3.220	805	3.768	1.355



	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,3		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
PAGI								
06:00 - 06:15	4,0	4,0	3,0	3,6	32,0	8,0	39,0	15,6
06:15 - 06:30	7,0	7,0	3,0	3,6	35,0	8,8	45,0	19,4
06:30 - 06:45	5,0	5,0	4,0	4,8	34,0	8,5	43,0	18,3
06:45 - 07:00	8,0	8,0	4,0	4,8	33,0	8,3	45,0	21,1
<b>Total</b>	<b>24,0</b>	<b>24,0</b>	<b>14,0</b>	<b>16,8</b>	<b>134,0</b>	<b>33,5</b>	<b>172,0</b>	<b>74,3</b>
07:00 - 07:15	11,0	11,0	2,0	2,4	43,0	10,8	56,0	24,2
07:15 - 07:30	8,0	8,0	1,0	1,2	64,0	16,0	73,0	25,2
07:30 - 07:45	16,0	16,0	2,0	2,4	41,0	10,3	59,0	28,7
07:45 - 08:00	19,0	19,0	2,0	2,4	35,0	8,8	56,0	30,2
<b>Total</b>	<b>54,0</b>	<b>54,0</b>	<b>7,0</b>	<b>8,4</b>	<b>183,0</b>	<b>45,8</b>	<b>244,0</b>	<b>108,2</b>

PENCACAHAN TIAP INTERVAL 15 MENIT DALAM 1 JAM

	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,3		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
PAGI								
06:00 - 07:00	24	24,0	14	16,8	134	33,5	172	74
06:15 - 07:15	31	31,0	13	15,6	145	36,3	189	83
06:30 - 07:30	32	32,0	11	13,2	174	43,5	217	89
06:45 - 07:45	43	43,0	9	10,8	181	45,3	233	99
07:00 - 08:00	54	54,0	7	8,4	183	45,8	244	108

MAX =	54	<b>54</b>	14	<b>17</b>	183	<b>46</b>	244	<b>108</b>
AVERAGE =	37	<b>37</b>	11	<b>13</b>	163	<b>41</b>	211	<b>91</b>

MENCARI TOTAL ARUS MAKSIMUM

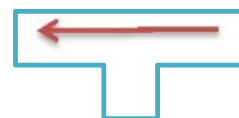
		Total kend. bermotor (MV)						
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j		
							Total Arus Kend	
PAGI							kend/j	smp/j
06:00 - 07:00	11.793	4.411	3.303	1.240	172	74	15.268	5.726
06:15 - 07:15	13.185	4.903	3.776	1.360	189	83	17.150	6.346
06:30 - 07:30	14.136	5.182	4.001	1.423	217	89	18.354	6.694
06:45 - 07:45	14.753	5.330	4.009	1.399	233	99	18.995	6.828
07:00 - 08:00	14.471	5.247	3.750	1.351	244	108	18.465	6.707

# PERHITUNGAN LHR

## JALAN LENTENG AGUNG RAYA SIMPANG M. KAHFI

ARAH: (DEPOK — JAKARTA)

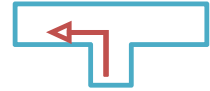
SORE



	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,3		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
SORE								
16:00 - 16:15	472,0	472,0	28,0	36,4	769,0	192,3	1269,0	700,7
16:15 - 16:30	515,0	515,0	44,0	57,2	656,0	164,0	1215,0	736,2
16:30 - 16:45	473,0	473,0	33,0	42,9	688,0	172,0	1194,0	687,9
16:45 - 17:00	612,0	612,0	21,0	27,3	703,0	175,8	1336,0	815,1
Total	2072,0	2072,0	126,0	163,8	2816,0	704,0	5014,0	2939,8
17:00 - 17:15	658,0	658,0	21,0	27,3	871,0	217,8	1550,0	903,1
17:15 - 17:30	529,0	529,0	21,0	27,3	933,0	233,3	1483,0	789,6
17:30 - 17:45	374,0	374,0	25,0	32,5	684,0	171,0	1083,0	577,5
17:45 - 18:00	360,0	360,0	17,0	22,1	764,0	191,0	1141,0	573,1
Total	1921,0	1921,0	84,0	109,2	3252,0	813,0	5257,0	2843,2

## PENCACAHAN TIAP INTERVAL 15 MENIT DALAM 1 JAM

	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,3		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
SORE								
16:00 - 17:00	2072	2072,0	126	163,8	2816	704,0	5.014	2.940
16:15 - 17:15	2258	2258,0	119	154,7	2918	729,5	5.295	3.142
16:30 - 17:30	2272	2272,0	96	124,8	3195	798,8	5.563	3.196
16:45 - 17:45	2173	2173,0	88	114,4	3191	797,8	5.452	3.085
17:00 - 18:00	1921	1921,0	84	109,2	3252	813,0	5.257	2.843
MAX =	2.272	2.272	126	164	3.252	813	5.563	3.196
AVERAGE =	2.139	2.139	103	133	3.074	769	5.316	3.041



ARAH: (DEPOK — JAKARTA)

SORE

	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,3		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
SORE								
16:00 - 16:15	64,0	64,0	4,0	5,2	224,0	56,0	292,0	125,2
16:15 - 16:30	68,0	68,0	4,0	5,2	388,0	97,0	460,0	170,2
16:30 - 16:45	58,0	58,0	6,0	7,8	250,0	62,5	314,0	128,3
16:45 - 17:00	66,0	66,0	5,0	6,5	236,0	59,0	307,0	131,5
Total	256,0	256,0	19,0	24,7	1098,0	274,5	1373,0	555,2
17:00 - 17:15	77,0	77,0	5,0	6,5	270,0	67,5	352,0	151,0
17:15 - 17:30	61,0	61,0	3,0	3,9	364,0	91,0	428,0	155,9
17:30 - 17:45	33,0	33,0	4,0	5,2	235,0	58,8	272,0	97,0
17:45 - 18:00	57,0	57,0	5,0	6,5	202,0	50,5	264,0	114,0
Total	228,0	228,0	17,0	22,1	1071,0	267,8	1316,0	517,9

PENCACAHAN TIAP INTERVAL 15 MENIT DALAM 1 JAM

	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,3		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
SORE								
16:00 - 17:00	256	256,0	19	24,7	1098	274,5	1.373	555
16:15 - 17:15	269	269,0	20	26,0	1144	286,0	1.433	581
16:30 - 17:30	262	262,0	19	24,7	1120	280,0	1.401	567
16:45 - 17:45	237	237,0	17	22,1	1105	276,3	1.359	535
17:00 - 18:00	228	228,0	17	22,1	1071	267,8	1.316	518

MAX =	269	<b>269</b>	20	<b>26</b>	1.144	<b>286</b>	1.433	<b>581</b>
AVERAGE =	250	<b>250</b>	18	<b>24</b>	1.108	<b>277</b>	1.376	<b>551</b>

**LHR MAX = 3.777 Smp/Jam**

ARAH: (DEPOK — JAKARTA)

SORE



	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,3		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
SORE								
16:00 - 16:15	22,0	22,0	2,0	2,6	61,0	15,3	85,0	39,9
16:15 - 16:30	20,0	20,0	6,0	7,8	58,0	14,5	84,0	42,3
16:30 - 16:45	19,0	19,0	2,0	2,6	70,0	17,5	91,0	39,1
16:45 - 17:00	17,0	17,0	7,0	9,1	95,0	23,8	119,0	49,9
Total	78,0	78,0	17,0	22,1	284,0	71,0	379,0	171,1
17:00 - 17:15	29,0	29,0	6,0	7,8	86,0	21,5	121,0	58,3
17:15 - 17:30	28,0	28,0	3,0	3,9	99,0	24,8	130,0	56,7
17:30 - 17:45	29,0	29,0	5,0	6,5	103,0	25,8	137,0	61,3
17:45 - 18:00	29,0	29,0	4,0	5,2	87,0	21,8	120,0	56,0
Total	115,0	115,0	18,0	23,4	375,0	93,8	508,0	232,2

PENCACAHAN TIAP INTERVAL 15 MENIT DALAM 1 JAM

	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,3		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
SORE								
16:00 - 17:00	78	78,0	17	22,1	284	71,0	379	171
16:15 - 17:15	85	85,0	21	27,3	309	77,3	415	190
16:30 - 17:30	93	93,0	18	23,4	350	87,5	461	204
16:45 - 17:45	103	103,0	21	27,3	383	95,8	507	226
17:00 - 18:00	115	115,0	18	23,4	375	93,8	508	232

MAX =	115	<b>115</b>	21	<b>27</b>	383	<b>96</b>	508	<b>232</b>
AVERAGE =	95	<b>95</b>	19	<b>25</b>	340	<b>85</b>	454	<b>205</b>

MENCARI TOTAL ARUS MAKSIMUM

	Total kend. bermotor (MV)						Total Arus Kend	
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j		
PAGI							kend/j	smp/j
06:00 - 07:00	5.014	2.940	1.373	555	379	171	6.766	3.666
06:15 - 07:15	5.295	3.142	1.433	581	415	190	7.143	3.913
<b>06:30 - 07:30</b>	<b>5.563</b>	<b>3.196</b>	<b>1.401</b>	<b>567</b>	<b>461</b>	<b>204</b>	<b>7.425</b>	<b>3.966</b>
06:45 - 07:45	5.452	3.085	1.359	535	507	226	7.318	3.847
07:00 - 08:00	5.257	2.843	1.316	518	508	232	7.081	3.593

PERHITUNGAN LHR

JALAN LENTENG AGUNG RAYA

STASIUN TANJUNG BARAT

ARAH: (JAKARTA— DEPOK)

PAGI

	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,2		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
PAGI								
06:00 - 06:15	338,0	338,0	19,0	22,8	798,0	199,5	1155,0	560,3
06:15 - 06:30	379,0	379,0	20,0	24,0	1094,0	273,5	1493,0	676,5
06:30 - 06:45	413,0	413,0	20,0	24,0	1217,0	304,3	1650,0	741,3
06:45 - 07:00	422,0	422,0	29,0	34,8	1299,0	324,8	1750,0	781,6
<b>Total</b>	<b>1552,0</b>	<b>1552,0</b>	<b>88,0</b>	<b>105,6</b>	<b>4408,0</b>	<b>1102,0</b>	<b>6048,0</b>	<b>2759,6</b>
07:00 - 07:15	424,0	424,0	34,0	40,8	1667,0	416,8	2125,0	881,6
07:15 - 07:30	350,0	350,0	33,0	39,6	1139,0	284,8	1522,0	674,4
07:30 - 07:45	348,0	348,0	23,0	27,6	1000,0	250,0	1371,0	625,6
07:45 - 08:00	431,0	431,0	23,0	27,6	1141,0	285,3	1595,0	743,9
<b>Total</b>	<b>1553,0</b>	<b>1553,0</b>	<b>113,0</b>	<b>135,6</b>	<b>4947,0</b>	<b>1236,8</b>	<b>6613,0</b>	<b>2925,4</b>

PENCACAHAN TIAP INTERVAL 15 MENIT DALAM 1 JAM

	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,2		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
PAGI								
06:00 - 07:00	1552	1552,0	88	105,6	4408	1102,0	6.048	2.760
06:15 - 07:15	1638	1638,0	103	123,6	5277	1319,3	7.018	3.081
06:30 - 07:30	1609	1609,0	116	139,2	5322	1330,5	7.047	3.079
06:45 - 07:45	1544	1544,0	119	142,8	5105	1276,3	6.768	2.963
07:00 - 08:00	1553	1553,0	113	135,6	4947	1236,8	6.613	2.925
<b>MAX =</b>	<b>1.638</b>	<b>1.638</b>	<b>119</b>	<b>143</b>	<b>5.322</b>	<b>1.331</b>	<b>7.047</b>	<b>3.081</b>
<b>AVERAGE =</b>	<b>1.579</b>	<b>1.579</b>	<b>108</b>	<b>129</b>	<b>5.012</b>	<b>1.253</b>	<b>6.699</b>	<b>2.962</b>



PERHITUNGAN LHR

JALAN LENTENG AGUNG RAYA

STASIUN TANJUNG BARAT

ARAH: (JAKARTA — DEPOK)

SORE

	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,2		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
SORE								
16:00 - 16:15	757,0	757,0	40,0	48,0	2168,0	542,0	2965,0	1347,0
16:15 - 16:30	580,0	580,0	28,0	33,6	2509,0	627,3	3117,0	1240,9
16:30 - 16:45	643,0	643,0	34,0	40,8	2680,0	670,0	3357,0	1353,8
16:45 - 17:00	604,0	604,0	30,0	36,0	2594,0	648,5	3228,0	1288,5
Total	2584,0	2584,0	132,0	158,4	9951,0	2487,8	12667,0	5230,2
17:00 - 17:15	499,0	499,0	32,0	38,4	2074,0	518,5	2605,0	1055,9
17:15 - 17:30	574,0	574,0	24,0	28,8	2604,0	651,0	3202,0	1253,8
17:30 - 17:45	715,0	715,0	30,0	36,0	2264,0	566,0	3009,0	1317,0
17:45 - 18:00	601,0	601,0	31,0	37,2	2476,0	619,0	3108,0	1257,2
Total	2389,0	2389,0	117,0	140,4	9418,0	2354,5	11924,0	4883,9

24591,0

PENCACAHAN TIAP INTERVAL 15 MENIT DALAM 1 JAM

	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,2		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
SORE								
16:00 - 17:00	2584	2584,0	132	158,4	9951	2487,8	12.667	5.230
16:15 - 17:15	2326	2326,0	124	148,8	9857	2464,3	12.307	4.939
16:30 - 17:30	2320	2320,0	120	144,0	9952	2488,0	12.392	4.952
16:45 - 17:45	2392	2392,0	116	139,2	9536	2384,0	12.044	4.915
17:00 - 18:00	2389	2389,0	117	140,4	9418	2354,5	11.924	4.884
MAX =	2.584	2.584	132	158	9.952	2.488	12.667	5.230
AVERAGE =	2.402	2.402	122	146	9.743	2.436	12.267	4.984

PERHITUNGAN LHR

**JALAN LENTENG AGUNG RAYA**

**STASIUN TANJUNG BARAT**

ARAH: (DEPOK— JAKARTA)

PAGI

	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
<b>GOL</b>	emp = 1,0		emp = 1,2		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
<b>PAGI</b>								
06:00 - 06:15	675,0	675,0	61,0	73,2	3890,0	972,5	4626,0	1720,7
06:15 - 06:30	590,0	590,0	38,0	45,6	4126,0	1031,5	4754,0	1667,1
06:30 - 06:45	606,0	606,0	42,0	50,4	4525,0	1131,3	5173,0	1787,7
06:45 - 07:00	599,0	599,0	30,0	36,0	2806,0	701,5	3435,0	1336,5
<b>Total</b>	<b>2470,0</b>	<b>2470,0</b>	<b>171,0</b>	<b>205,2</b>	<b>15347,0</b>	<b>3836,8</b>	<b>17988,0</b>	<b>6512,0</b>
07:00 - 07:15	671,0	671,0	35,0	42,0	3785,0	946,3	4491,0	1659,3
07:15 - 07:30	620,0	620,0	40,0	48,0	3619,0	904,8	4279,0	1572,8
07:30 - 07:45	528,0	528,0	47,0	56,4	2755,0	688,8	3330,0	1273,2
07:45 - 08:00	476,0	476,0	41,0	49,2	2059,0	514,8	2576,0	1040,0
<b>Total</b>	<b>2295,0</b>	<b>2295,0</b>	<b>163,0</b>	<b>195,6</b>	<b>12218,0</b>	<b>3054,5</b>	<b>14676,0</b>	<b>5545,1</b>

PENCACAHAN TIAP INTERVAL 15 MENIT DALAM 1 JAM

	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
<b>GOL</b>	emp = 1,0		emp = 1,2		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
<b>PAGI</b>								
06:00 - 07:00	2470	2470,0	171	205,2	15347	3836,8	17.988	6.512
06:15 - 07:15	2466	2466,0	145	174,0	15242	3810,5	17.853	6.451
06:30 - 07:30	2496	2496,0	147	176,4	14735	3683,8	17.378	6.356
06:45 - 07:45	2418	2418,0	152	182,4	12965	3241,3	15.535	5.842
07:00 - 08:00	2295	2295,0	163	195,6	12218	3054,5	14.676	5.545
<b>MAX =</b>	2.496	<b>2.496</b>	171	<b>205</b>	15.347	<b>3.837</b>	17.988	<b>6.512</b>
<b>AVERAGE =</b>	2.429	<b>2.429</b>	156	<b>187</b>	14.101	<b>3.525</b>	16.686	<b>6.141</b>

**JALAN LENTENG AGUNG RAYA**
**STASIUN TANJUNG BARAT**

ARAH: (DEPOK— JAKARTA)

SORE

	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,2		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
PAGI								
16:00 - 16:15	478,0	478,0	26,0	31,2	1166,0	291,5	1670,0	800,7
16:15 - 16:30	448,0	448,0	27,0	32,4	1383,0	345,8	1858,0	826,2
16:30 - 16:45	450,0	450,0	56,0	67,2	1124,0	281,0	1630,0	798,2
16:45 - 17:00	472,0	472,0	43,0	51,6	1099,0	274,8	1614,0	798,4
Total	1848,0	1848,0	152,0	182,4	4772,0	1193,0	6772,0	3223,4
17:00 - 17:15	461,0	461,0	27,0	32,4	1145,0	286,3	1633,0	779,7
17:15 - 17:30	450,0	450,0	48,0	57,6	1253,0	313,3	1751,0	820,9
17:30 - 17:45	376,0	376,0	34,0	40,8	1313,0	328,3	1723,0	745,1
17:45 - 18:00	408,0	408,0	32,0	38,4	862,0	215,5	1302,0	661,9
Total	1695,0	1695,0	141,0	169,2	4573,0	1143,3	6409,0	3007,5

## PENCAHAHAN TIAP INTERVAL 15 MENIT DALAM 1 JAM

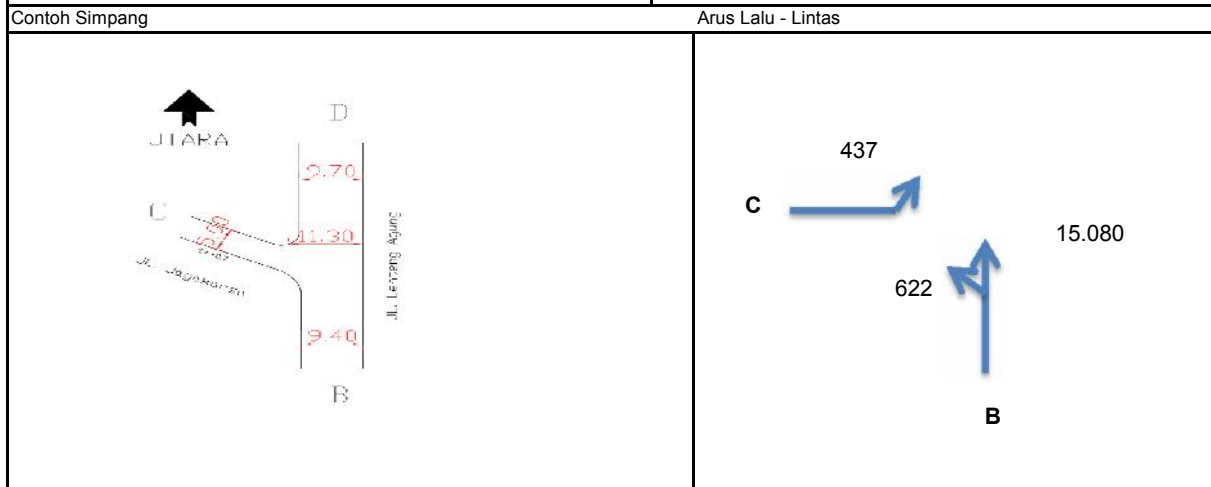
	Kendaraan ringan (LV)		Kendaraan berat (HV)		Sepeda Motor (MC)		Total kend. bermotor (MV)	
GOL	emp = 1,0		emp = 1,2		emp = 0,25			
Waktu Puncak	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j	kend/j	smp/j
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
PAGI								
16:00 - 17:00	1848	1848,0	152	182,4	4772	1193,0	6.772	3.223
16:15 - 17:15	1831	1831,0	153	183,6	4751	1187,8	6.735	3.202
16:30 - 17:30	1833	1833,0	174	208,8	4621	1155,3	6.628	3.197
16:45 - 17:45	1759	1759,0	152	182,4	4810	1202,5	6.721	3.144
17:00 - 18:00	1695	1695,0	141	169,2	4573	1143,3	6.409	3.007
MAX =	1.848	1.848	174	209	4.810	1.203	6.772	3.223
AVERAGE =	1.793	1.793	154	185	4.705	1.176	6.653	3.155

DATA ARUS KENDARAAN JALAN LENTENG AGUNG, JAKARTA SELATAN

Periode Waktu (WIB)	Jumlah Volume Simpang Simpang Jl.Jagakarsa		Jumlah Volume Simpang Simpang M. Kahfi		Titik Stasiun Tanjung Barat Arah Depok - JKT		Titik Stasiun Tanjung Barat Arah JKT- Depok		Titik Stasiun Lenteng Agung Arah JKT- Depok	
	(Kend/Jam)	(SmpJam)	(Kend/Jam)	(SmpJam)	(Kend/Jam)	(SmpJam)	(Kend/Jam)	(SmpJam)	(Kend/Jam)	(SmpJam)
06:00 - 07:00	15.291	6.104	15.268	5.726	17.988	6.512	6.048	2.760	4.321	1.902
06:15 - 07:15	15.749	6.261	17.150	6.346	17.853	6.451	7.018	3.081	5.167	2.326
06:30 - 07:30	15.800	6.222	18.354	6.694	17.378	6.356	7.047	3.079	5.934	2.723
06:45 - 07:45	16.139	6.290	18.995	6.828	15.535	5.842	6.768	2.963	6.814	3.103
07:00 - 08:00	15.917	6.253	18.465	6.707	14.676	5.545	6.613	2.925	7.830	3.461
16:00 - 17:00	7.869	3.572	6.766	3.666	6.772	3.223	12.667	5.230	9.374	3.876
16:15 - 17:15	8.015	3.555	7.143	3.913	6.735	3.202	12.307	4.939	9.732	3.935
16:30 - 17:30	8.094	3.576	7.425	3.966	6.628	3.197	12.392	4.952	10.427	4.174
16:45 - 17:45	8.038	3.559	7.318	3.847	6.721	3.144	12.044	4.915	10.928	4.284
17:00 - 18:00	7.910	3.493	7.081	3.593	6.409	3.007	11.924	4.884	10.643	4.129
LHR max	16.139	6.290	18.995	6.828	17.988	6.512	12.667	5.230	10.928	4.284

FORMULIR USIG-I

<b>SIMPANG TAK BERSINYAL</b> Formulir USIG-I: <b>GEOMETRI</b> <b>ARUS LALU LINTAS</b>	Tanggal:	Ditangani oleh :
	Kota : Jakarta Selatan	
	Simpang: : Jl. Jagakarsa,	
	Jalan Utama : Jl. Lenteng Agung	
	Jalan Minor : Jl. Jagakarsa	



Median Jalan Utama		L										
1	KOMPOSISI LALU-LINTAS		LV%		HV%		MC%		Faktor smp		Faktor k	
	ARUS LALU-LINTAS	Arah	Kend ringan LV		Kend berat HV		Spd Motor MC		Kend bermotor total MV		Kend.tak	
	Pendekat		Kend/Jam	emp= 1,0 smp/jam	Kend/Jam	emp= 1,2 smp/jam	Kend/Jam	emp= 0,25 smp/jam	kend/jam	smp/jam	Rasio Belok	bermotor UM Kend/jam
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
2	Jl. Minor A	LT										
3		ST										
4		RT										
5		Total										
6	Jl. Minor C	LT	66	66	3	3,6	368	92	437	161,6	1	7
7		ST										
8		RT										
9		Total										
10	Jl. Minor total A+C		66	66	3	4	368	92	437	161,6		7
11	Jl. Utama B	LT	116	116	2	2,4	504	126	622	244,4	0,04	11
12		ST	1837	1837	775	930	12468	3117	15.080	5884,0		23
13		RT										
14		Total										
15	Jl. Utama D	LT										
16		ST										
17		RT										
18		Total										
19	Jl. Utama total B+D		1953	1953	777	932,4	12972	3243	15702	6128		34
20	Utama + Minor	LT	182	182	5	6	872	218	1.059	406	0,06	18
21		ST	1837	1837	775	930	12468	3117	15.080	5.884		23
22		RT										
23	Utama + Minor TOTAL		2.019	2.019	780	936	13.340	3.335	16.139	6.290	0,06	41
24	Rasio Jl.Minor / (Jl.Utama+minor) total									0,03	UM/MV	0,003

## FORMULIR USIG-II

<b>SIMPANG TAK BERSINYAL</b> Formulir USIG-I: <div style="text-align: center;"><b>GEOMETRI</b> <b>ARUS LALU LINTAS</b></div>	Tanggal: _____ Ditangani oleh : _____ Kota : <u>Jakarta Selatan</u> Simpang: : <u>Jl. Jagakarsa,</u> Jalan Utama : <u>Jl. Lenteng Agung</u> Jalan Minor : <u>Jl. Jagakarsa</u>
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### 1. Lebar Pendekat dan Tipe Simpang

Pilihan	Jumlah Lengan Simpang	Lebar Pendekat (m)							Jumlah lajur Gambar B-1.2		Tipe Simpang Tbl. B-1:1
		Jalan Minor			Jalan Utama			Lebar pendekat rata-rata W1	Jalan Minor	Jalan Utama	
		W <sub>A</sub>	W <sub>C</sub>	W <sub>AC</sub>	W <sub>B</sub>	W <sub>D</sub>	W <sub>BD</sub>				
		(1)	(2)	(3)	(4)	(5)	(6)				
1	3		2,50	1,25	11,20	11,30	11,25	6,28	2	4	3.2.4

$$F_{MI} = 16,6 \times P_{MI}^2 - 33,3 \times P_{MI}^3 + 25,3 \times P_{MI}^2 - 8,6 \times P_{MI} + 1,95 =$$

### 2. Kapasitas

$$C = C_0 \times F_W \times F_{CS} \times F_{RSU} \times F_{LT} \times F_{RT} \times F_{MI}$$

Pilihan	Kapasitas Dasar C <sub>0</sub> smp/jam Tbl. B-2.1	Faktor Penyesuaian Kapasitas (F)							Kapasitas (C) smp/jam
		Lebar pendekat rata-rata	Median jalan utama	Ukuran kota	Hambatan samping	Belok Kiri	Belok Kanan	Rasio Minor/ Total	
		F <sub>W</sub> Tbl. B-3.1	F <sub>M</sub> Tbl. B-4.1	F <sub>CS</sub> Tbl. B-5.1	F <sub>RSU</sub> Tbl. B-6.1	F <sub>LT</sub> Tbl. B-7.1	F <sub>RT</sub> Tbl. B-8.1	F <sub>MI</sub> Tbl. B-9.1	
	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)
1	3200	1,03	1	1	0,93	0,94	1,09	1,76	5.514

### 2. Kapasitas

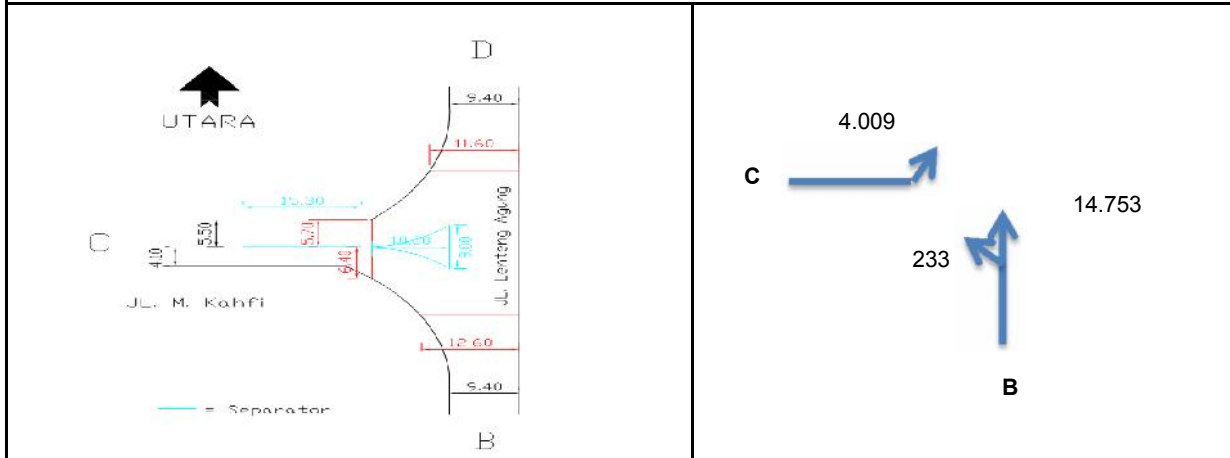
$$C = C_0 \times FCW \times FCsp \times FCsf \times FCcs$$

Pilihan	Arus lalu - lintas (Q) smp/jam	Derajat kejenuhan	Tundaan lalu - lintas simpang	Tundaan lalu - lintas Jl. Utama	Tundaan lalu - lintas Jl. Minor	Tundaan geometrik simpang	Tundaan simpang	Peluang antrian
	USIG-I Brs 23 kol 10	(DS) (30)/(28)	DT <sub>I</sub> Gbr C-2:1	DT <sub>MA</sub> Gbr C-2:2	DT <sub>MI</sub>	(DG)	(D) (32)+(35)	(QP%) Gbr C-3:1
	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)
1	6.290	1,14	25,8	16,3	386,6	4	29,8	53 106

**FORMULIR USIG-I**

<b>SIMPANG TAK BERSINYAL</b> Formulir USIG-I: <b>GEOMETRI</b> <b>ARUS LALU LINTAS</b>	Tanggal:	Ditangani oleh :
	Kota : Jakarta Selatan	
	Simpang: : Jl. M. Kahfi,	
	Jalan Utama : Jl. Lenteng Agung	
	Jalan Minor : Jl.M.Kahfi 2	

Contoh Simpang Arus Lalu - Lintas



Median Jalan Utama		L										
1	KOMPOSISI LALU-LINTAS		LV%		HV%		MC%		Faktor smp		Faktor k	
	ARUS LALU-LINTAS	Arah	Kend ringan LV		Kend berat HV		Spd Motor MC		Kend bermotor total MV			Kend.tak
	Pendekat		Kend/Jam	emp= 1,0	Kend/Jam	emp= 1,2	Kend/Jam	emp= 0,25	kend/jam	smp/jam	Rasio Belok	bermotor UM Kend/jam
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
2	Jl. Minor A	LT										
3		ST										
4		RT										
5		Total										
6	Jl. Minor C	LT	519	519	8	9,6	3482	870,5	4.009	1399,1	1	12
7		ST										
8		RT										
9		Total										
10	Jl. Minor total A+C		519	519	0	8	10	0	4009	1399		12
11	Jl. Utama B	LT	43	43	9	10,8	181	45,25	233	99,05	0,02	6
12		ST	2009	2009	142	170,4	12602	3150,5	14.753	5329,9		24
13		RT										
14		Total										
15	Jl. Utama D	LT										
16		ST										
17		RT										
18		Total										
19	Jl. Utama total B+D		2052	2052	151	181,2	12783	3195,75	14986	5429,0		30
20	Utama + Minor	LT	562	562	17	20	3.663	916	4.242	1.498	0,22	18
21		ST	2009	2009	142	170,4	12602	3150,5	14.753	5.330		24
22		RT										
23	Utama + Minor TOTAL		2.571	2.571	159	191	16.265	4.066	18.995	6.828	0,22	42
24	Rasio Jl.Minor / (Jl.Utama+minor) total									0,20	UM/MV	0,002

## FORMULIR USIG-II

<b>SIMPANG TAK BERSINYAL</b> Formulir USIG-I: <b>GEOMETRI</b> <b>ARUS LALU LINTAS</b>		Tanggal: _____ Ditangani oleh : _____ Kota : <i>Jakarta Selatan</i> Simpang: : <i>Jl. M. Kahfi,</i> Jalan Utama : <i>Jl. Lenteng Agung</i> Jalan Minor : <i>Jl. M. Kahfi 2</i>	
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### 1. Lebar Pendekat dan Tipe Simpang

Pilihan	Jumlah Lengan Simpang	Lebar Pendekat (m)							Jumlah lajur Gambar B-1.2		Tipe Simpang Tbl. B-1:1
		Jalan Minor			Jalan Utama			Lebar pendekat rata-rata $\frac{W_A + W_C + W_{AC} + W_B + W_D + W_{BD}}{6}$			
		$W_A$	$W_C$	$W_{AC}$	$W_B$	$W_D$	$W_{BD}$				
		(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)	
1	3		6,05	3,03	12,60	11,60	12,10	7,31	2	4	3.2.4

$$F_{MI} = 16,6 \times P_{MI}^2 - 33,3 \times P_{MI}^3 + 25,3 \times P_{MI}^2 - 8,6 \times P_{MI} + 1,95 =$$

### 2. Kapasitas

$$C = C_0 \times F_W \times F_{CS} \times F_{RSU} \times F_{LT} \times F_{RT} \times F_{MI}$$

Pilihan	Kapasitas Dasar $C_0$ smp/jam	Faktor Penyesuaian Kapasitas (F)							Kapasitas (C) smp/jam
		Lebar pendekat rata-rata	Median jalan utama	Ukuran kota	Hambatan sampling	Belok Kiri	Belok Kanan	Rasio Minor/ Total	
		$F_W$ Tbl. B-3.1	$F_M$ Tbl. B-4.1	$F_{CS}$ Tbl. B-5.1	$F_{RSU}$ Tbl. B-6.1	$F_{LT}$ Tbl. B-7.1	$F_{RT}$ Tbl. B-8.1	$F_{MI}$ Tbl. B-9.1	
	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)
1	3200	1,09	1	1	0,93	1,19	1,09	1,66	7.021

### 2. Kapasitas

$$C = C_0 \times FCW \times FCsp \times FCsf \times FCcs$$

Pilihan	Arus lalu - lintas (Q) smp/jam	Derajat kejenuhan	Tundaan lalu - lintas simpang	Tundaan lalu - lintas Jl. Utama	Tundaan lalu - lintas Jl. Minor	Tundaan geometrik simpang	Tundaan simpang	Peluang antrian
	USIG-I Brs 23 kol 10	(DS) (30)/(28)	$DT_I$ Gbr C-2:1	$DT_{MA}$ Gbr C-2:2	$DT_{MI}$	(DG)	(D) (32)+(35)	(QP%) Gbr C-3:1
	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)
1	6.828	0,97	13,9	9,8	29,8	4	17,9	38 75



## JALAN PERKOTAAN

### Kecepatan arus bebas kend ringan

$$FV = (Fvo + FVw) \times FVsf \times FVcs$$

Segmen dan Arah	Kecepatan arus bebas dasar  Fvo Tab B-1:1 (km/jam)	Faktor penyesuaian untuk lebar jalur FVw Tab B-2:1 (km/jam)	Fvo + FVw  (2) + (3) (km/jam)	Faktor penyesuaian		Kecepatan arus bebas  FV (4) x (5) x (6) (km/jam)
				Hambatan samping  FFVsf Tab B-3:1 atau 2	Ukuran kota  FFVcs Tab B-4:1	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Segmen VII ( Menuju Jakarta )	61	-4	57	0,86	1,0	48,8
Segmen III ( Menuju Depok )	61	-2	59	0,92	1,0	54,3
Segmen V ( Menuju Depok )	61	-4	57	0,83	1,0	47,4

### Kapasitas

$$C = Co \times FCw \times FCsp \times FCsf \times FCcs$$

Lokasi dan Arah	Kapasitas dasar Co Tab C-1:1 (smp/jam)	Faktor penyesuaian untuk kapasitas				Kapasitas C smp/jam (11) x (12) x (13) x (14) x (15)
		Lebar jalur FCw Tab C-2:1	Pemisahan arah FCsp Tab C-3:1	Hambatan samping FCsf Tab C-4:1 atau 2	Ukuran kota FCcs Tab C-5:1	
(10)	(11)	(12)	(13)	(14)	(15)	(16)
Segmen VII ( Menuju Jakarta )	6600	0,92	1,0	0,86	1,0	5198
Segmen III ( Menuju Depok )	6600	0,96	1,0	0,92	1,0	5829
Segmen V ( Menuju Depok )	4950	0,92	1,0	0,89	1,0	4044

### Kecepatan Kendaraan Ringan V<sub>LV</sub>

Lokasi dan Arah	Arus lalu lintas Q  smp/jam	Derajat kejenuhan  DS (21) / (16)	Panjang segmen jalan  L km	Waktu Tempuh		Waktu Tempuh Survey		Kecepatan  V <sub>LV</sub> (MKJI)  Km/jam	Kecepatan Perjalanan rata-rata V <sub>LV</sub> (Floating Car) (Waktu Puncak) Km/jam
				TT (24 / (23) jam	Detik	(Floating Car) (Waktu Puncak) jam	Detik		
(20)	(21)	(22)	(24)	(25)	(25)	(25)	(25)	(23)	(23)
Segmen VII ( Menuju Jakarta )	6.512	1,25	0,30	0,017	60,0	0,017	63	18,0	17,2
Segmen III ( Menuju Depok )	5.230	0,90	0,50	0,013	46,2	0,019	68	39,0	26,5
Segmen V ( Menuju Depok )	4.284	1,06	0,90	0,033	120,0	0,060	215	27,0	15,1