

ANNEX

CHAPTER 10 TRAFFIC FORECAST

10-1 BMA Traffic Matrix in 1992(1/24)

NO	Switch Unit Name	ABBR	1	2	3	4	5	6	7	8	9	10
			PNC1	PNC2	PNC3	ASD1	ASD2	SKW1	SRR1	SRR2	SRR3	SRR4
1	Phloen Chit 1	PNC1	32.82	23.05	60.57	10.8	27.73	37.57	9.9	9.16	8.63	11
2	Phloen Chit 2	PNC2	25.51	21.78	58.79	9.57	26.49	32.2	8.66	7.51	8.21	10.16
3	Phloen Chit 3	PNC3	80.02	77.85	257.09	30	79.84	132.42	26.85	28.06	27.36	39.56
4	Asok Din Daeng 1	ASD1	13.17	9.82	25.11	23.49	53.42	17.06	9.36	8.09	8.02	10.68
5	Asok Din Daeng 2	ASD2	33.17	30.37	67.69	53.05	163.96	48.77	22.05	21.99	16.06	30.87
6	Sukhumvit 1	SKW1	52.04	44.31	136.16	23.37	62.6	205.96	118.97	20.53	19.83	32.15
7	Samran Rat 1	SRR1	8.62	44.56	15.79	6.47	13.75	11.08	21.35	21.18	11.98	24.94
8	Samran Rat 2	SRR2	8.55	5.63	21.42	8.1	15.7	13.36	21.1	21.03	19.33	30.72
9	Samran Rat 3	SRR3	10.08	7.16	22.19	7.55	18.2	15.55	18.97	21.53	24.92	30.85
10	Samran Rat 4	SRR4	18.95	13.74	48.01	14.83	36.28	29.99	40.74	41.36	36.48	74.08
11	Krung Kasem 2	KKM2	13.64	11.39	30.74	14.78	29.61	19.12	15.89	14.7	12.86	18.19
12	Krung Kasem 3	KKM3	21.61	21.66	35.85	11.18	39.95	18.28	23.1	21	16.27	34.71
13	Samsen 1	SMS1	4.9	4.71	6.7	13.82	12.67	4.01	8.43	8.33	6.5	3.77
14	Samsen 2	SMS2	3.59	3.68	7.7	6.97	12.07	638	5.03	4.28	2.85	4.88
15	Pathum Wan 1	PTW1	4.78	3.56	12.04	4.78	7.64	8.14	5.43	5.72	5.73	8.96
16	Pathum Wan 2	PTW2	16.34	16.15	32.53	10.8	27.26	22.53	11.8	11.92	13.66	18.47
17	Surawong 1	SRW1	23.15	18.5	50.41	10.04	22.75	33.41	8.48	8.55	4.8	15.51
18	Surawong 2	SRW2	21.38	18.25	45.69	5.1	23.99	32.86	9.16	11.15	9.88	15.34
19	Surawong 3	SRW3	20.58	14.37	55.3	6.62	22.98	33.58	9.58	10.72	9.31	21.55
20	Surawong 4	SRW4	28.83	23.23	80.09	26.06	38.32	51.53	17.64	17.7	16.97	29.25
21	Surawong 5	SRW5	4.48	3.61	12.45	4.05	5.96	8.01	2.74	2.75	2.64	4.55
22	Chaiyaphruk 1	CYP1	12.88	13.2	22.09	4.84	15.21	33.35	4.23	3.71	7.64	6.56
23	Chaiyaphruk 2	CYP2	10.85	9.37	22.49	7.7	18.57	34.55	5.13	6.22	4.93	6.89
24	Phra Khanong 1	PKG1	4.23	2.71	5.93	2.42	6.68	10.12	2.42	2.07	2.14	3.61
25	Phra Khanong 2	PKG2	5.39	4.04	11.77	3.31	9.41	16.82	2.99	3.5	4.08	3.98
26	On Nut 1	ONT1	6.71	6.71	19.47	5.72	15.06	21.42	4.6	4.69	4.84	5.74
27	Trok Chan 1	TKC1	4.49	2.52	11.55	1.94	7.55	8.39	4.32	3.87	3.19	6.55
28	Trok Chan 2	TKC2	4.34	4.36	15.51	3.14	9.85	11.29	4.4	4.7	5.2	8.4
29	Thung Mahamek 1	TMM1	4.48	4.4	9.75	1.48	5.49	8.23	1.63	3.47	2.94	2.94
30	Thung Mahamek 2	TMM2	3.32	3.26	7.22	1.09	4.06	6.1	1.21	2.57	2.18	2.18
31	Sathupradit 1	STD1	0.97	1.19	1.63	0.59	2.16	4.34	0.78	0.78	0.78	1.09
32	Sathupradit 2	STD2	4.19	3.7	10.34	2.33	7.96	11.33	4.13	4.41	3.67	5.77
33	Thanon Tok 1	TNT1	2.26	2.17	5.82	1.42	3.11	5.02	2.95	2.99	2.98	3.14
34	Thanon Tok 2	TNT2	4.77	4.57	12.27	3	6.56	10.59	6.23	6.3	6.28	6.62
35	Khlong Toei 1	KTI1	12.03	10.15	35.53	6.2	19.1	3.06	8.03	6.76	6.79	8.69
36	Hua Mak 1	HAM1	7.78	2.54	16.4	5.14	14.49	17.22	3.45	4.46	2.22	4.77
37	Hua Mak 2	HAM2	17.3	15.83	41.44	13.59	40.31	40.91	10.13	11.05	9.31	13.37
38	Khlong Chan 1	KGC1	5.47	4.6	11.76	5.61	13.98	10.06	3.21	3.87	3.66	5.43
39	Khlong Chan 2	KGC2	6.92	7.15	16.76	6.01	16.63	17.28	3.61	3.93	4.07	5.66
40	Khlong Chan 3	KGC3	1.49	1.54	3.62	1.3	3.59	3.73	0.78	0.85	0.88	1.22
41	Ramkamhaeng 1	RKH1	1.73	1.79	4.19	1.5	4.15	4.32	0.9	0.98	1.02	1.41
42	Bang Chan 1	BGC1	3.9	4.57	9.78	5.86	13.39	11.06	4.34	4.18	3.93	7.04
43	Lat Krabang 1	LKG1	3.84	1.26	10.83	1.61	3.28	5.55	1.79	1.55	1.94	1.24
44	Bang Na 1	BNA1	6.66	4.74	12.12	3.29	10.53	15.62	3.77	3.78	3.55	5.92
45	Bang Na 2	BNA2	4.76	5.02	12.03	3.67	9.3	13.75	2.99	3	2.8	5.21
46	Bang Na 3	BNA3	1.64	1.73	4.13	1.26	3.19	4.72	1.03	1.03	0.96	1.79
47	Samut Prakan 1	SPK1	1.43	0.75	2.83	0.8	2.6	2.75	0.96	1.17	0.9	5.45
48	Samut Prakan 2	SPK2	0.94	0.71	2.9	0.54	1.9	2.29	0.65	0.68	0.72	0.88
49	Samut Prakan 3	SPK3	1.07	0.8	3.3	0.61	2.17	2.61	0.74	0.77	0.82	1
50	Bang Pu 1	BGU1	1.16	0.88	3.6	10.67	2.36	2.85	0.81	0.84	0.89	1.1
51	Pu Chao Saming Phrai 1	PSP1	3.76	3.6	8.23	2.9	10.01	13.13	3.67	4.17	4.51	4.15
52	Pu Chao Saming Phrai 2	PSP2	4.67	4.38	16.26	2.94	11.13	17.1	4.71	4.7	4.51	4.92
53	Bang Phli 1	BPL1	5.44	4.11	14.08	4.55	7.43	17.13	3.82	3.52	3.53	5.09
54	Bang Phli 2	BPL2	1.21	0.92	3.14	1.01	1.66	3.82	0.85	0.79	0.79	1.14
55	Bang Phli Bang Bo 1	BBB1	1.53	1.15	3.95	1.28	2.09	4.81	1.07	0.99	0.99	1.43
56	Thon Buri 1	TNB1	5.45	3.94	12.74	4.23	13.32	7.69	9.44	9.77	7.75	12.61
57	Lat Ya T8	LTYT8	7.53	7.01	16.5	5.96	15.81	14.88	12.37	12.33	9.89	19.84
58	Phasi Charoen 1	PSN1	1.87	1.61	1.61	2.84	1.9	2.07	2.74	2.77	2.76	2.68

10-1 BMA Traffic Matrix in 1992(2/24)

			1	2	3	4	5	6	7	8	9	10
NO	Switch Unit Name	ABBR	PNC1	PNC2	PNC3	ASD1	ASD2	SKW1	SRR1	SRR2	SRR3	SRR4
59	Phasi Charoen 2	PSN2	2.24	1.5	4.71	2.05	4.03	3.12	2.72	3.39	2.53	4.96
60	Bang Phlat 1	BGT1	6.89	5.75	10.75	10.75	6.98	15.12	10	6.61	6.29	10.25
61	Bang Phlat 2	BGT2	11.17	10.35	24.72	12.24	29.89	23.67	17.17	18.86	17.64	25.53
62	Bang Phlat 3	BGT3	0.43	0.4	0.94	0.47	1.14	0.9	0.66	0.72	0.67	0.97
63	Bang Bue Thong 1	BBT1	1.45	1.35	3.21	1.59	3.89	3.08	2.23	2.45	2.29	3.32
64	Bang Bue Thong 2	BBT2	0.28	0.26	0.63	0.31	0.76	0.6	0.44	0.48	0.45	0.65
65	Charan Sanitwong 1	CSW1	3.11	1.99	5.09	6.73	9.57	3.71	3.65	3.7	3.68	5.31
66	Charan Sanitwong 2	CSW2	4.05	6.38	9.81	4.9	15.86	8.31	7.13	7.07	5.79	8.95
67	Bang Khae 1	BKE1	1.71	1.38	0.45	1.41	3.58	2.32	2.52	3.46	4.92	0.02
68	Bang Khae 2	BKE2	1.64	1.38	3.74	1.35	4.25	3.05	3.21	3.3	2.67	4.67
69	Nong Khaem 1	NGK1	4.55	3.17	9.32	3.14	7.24	5.93	4.61	5.51	4.83	12.08
70	Muban Settakit 1	MSK1	3.61	2.52	7.4	2.49	5.75	4.71	3.66	4.37	3.84	9.59
71	Dao khanong 1	DKN1	3	2.94	8.35	2.42	6.76	5.84	4.05	6.9	3.86	7.16
72	Dao khanong 2	DKN2	1.54	1.51	4.29	1.24	3.47	3	2.08	3.55	1.98	3.68
73	Phra Pradaeng 1	PPG1	0.83	0.34	0.95	0.59	0.91	1.63	1.27	1.25	1.61	2.37
74	Phra Pradaeng 2	PPG2	4.12	2.63	11.66	2.93	8.76	6.43	5.91	7.99	5.81	8.29
75	Ekkachai 1	EKC1	5.92	4.98	18.38	6.29	16.14	14.22	9.01	10.3	9.22	18.79
76	Ekkachai 2	EKC2	0.93	0.78	2.88	0.99	2.53	2.23	1.41	1.61	1.45	2.95
77	Rat Burana 1	RBN1	4.48	4.46	12	4.43	10.36	10.78	8.99	8.67	8.17	11.41
78	Phahonyothin 1	PYT1	10.89	9.71	31.15	7.83	26.95	1.57	7.46	8.04	7.26	12.05
79	Phahonyothin 2	PYT2	3.19	3.43	8.61	3.55	9.15	5.78	2.18	2.17	2.4	2.61
80	Phahonyothin T2	PYTT2	14	11.19	35.12	12.64	29.74	20.89	8.23	8.59	7.05	9.24
81	Inthamara 1	ITM1	4.77	4.15	11.09	43.37	14.51	11.88	2.73	2.96	3.02	4.52
82	Inthamara 2	ITM2	8.39	7.3	19.51	7.68	25.52	20.9	4.8	5.21	5.3	7.95
83	Bang Khen 1	BGN1	5.8	4.4	7.48	5.52	13.44	9.15	3.21	3.27	2.81	3.63
84	Bang Khen 2	BGN2	8.42	6.39	10.86	8.01	19.5	13.27	4.66	4.74	4.08	5.27
85	Lat Phrao 1-1	LTP1-1	2.3	1.94	6.6	2.77	7.15	4.56	1.57	1.7	1.65	2.49
86	Lat Phrao 1-2	LTP1-2	14.99	12.09	30.61	12.83	34.48	22.31	9.39	7.55	7.43	11.42
87	Lat Phrao 2-1	LTP2-1	1.25	0.6	3.01	0.99	0.9	2.26	0.94	1.56	1.06	2.08
88	Lat Phrao 2-1	LTP2-2	7.6	6.65	17.71	8.33	20.78	13.54	4.56	5.2	4.82	6.71
89	Don Muang 1	DNM1	1.74	3.08	7.33	2.32	10.11	7.55	1.88	2.07	1.96	1.59
90	Don Muang 2	DNM2	6.99	5.66	19.53	6.8	19.34	14.9	4.62	4.84	4.35	5.08
91	Thanyaburi 1	TYB1	0.69	0.56	1.92	0.67	1.9	1.47	0.45	0.48	0.43	0.5
92	Rangsit 1	RST1	1.55	1.26	4.33	1.51	4.29	3.31	1.02	1.07	0.96	1.13
93	Nawa Nakhon 1	NWN1	3.49	3.39	16.09	2.14	4.97	14.8	3.26	2.02	1.83	2.93
94	Bang Su 1	BGS1	4.26	3.13	8.21	3.29	13.57	0.07	3.01	3.57	2.95	4.86
95	Bang Su 2	BGS2	3.34	3.08	7.58	2.84	9.55	7.97	3.01	2.96	3.13	3.76
96	Ngam Wong Wan 1	NWW1	1.26	1.68	2.78	1.84	5.53	3.71	1.49	1.74	1.41	1.37
97	Ngam Wong Wan 2	NWW2	7.01	6.48	18.81	9.35	19.42	13.25	5.63	6.12	5.9	6.95
98	Nonthaburi 1	NTB1	1.98	0.8	1.45	1.76	2.09	0.65	1.78	2.07	1.14	1.23
99	Nonthaburi 2	NTB2	5.35	2.17	3.92	4.78	5.65	1.75	4.4	5.58	3.08	3.33
100	Lak Si 1	LKS1	2.55	2.05	4.46	3.51	11.24	3.21	1.84	2.32	1.65	2.97
101	Lak Si T4	LKST4	4.16	3.79	7.45	3.19	8.01	8.03	2.73	2.38	2.55	3.23
102	Lak Si 2	LKS2	0.52	0.48	0.94	0.4	1.01	1.01	0.34	0.3	0.32	0.41
103	Ram Inthra 1	RIT1	2.82	3.13	7.11	3.44	11.4	6.17	1.96	2.39	1.93	2.75
104	Ram Inthra 2	RIT2	0.4	0.44	1	0.49	1.61	0.87	0.28	0.34	27	0.39
105	Pak Kret 1	PKK1	4.36	3.75	7.81	4.13	10.21	7.97	4.62	4.69	3.9	5.23
106	Pathum Thani 1	PTT1	1.96	1.69	3.51	1.85	4.59	3.58	2.07	2.11	1.75	2.35
107	Bang Phun 1	BAN1	0.74	0.64	1.33	0.7	1.73	1.35	0.78	0.8	0.66	0.89
108	Chaeng Watthana 1	CWT1	5.44	4.95	13.09	5.26	16.83	8.77	4.19	4.08	4.47	5.31
109	Lak Si TC	LSTC	0	0	0	0	0	0	46.56	53.08	31.63	114.06
110	Phra Khanong TC	PNTC	0	0	0	35.96	112	0	0	0	0	0
111	Lat Ya TC	LYTC	49.46	48.87	186.6	0	0	67.55	0	0	0	0
112	Lak Si International	LSIT	0	0	0	0	0	0	4.74	4.79	4.81	17.11
113	Phra Khanong Internatio	PNIT	0	0	0	2.18	9.35	0	0	0	0	0
114	Lat Ya International	LYIT	14.41	11.94	74.69	0	0	34.36	0	0	0	0
	IC Total		892.7	805.3	2226.86	712.03	1705.55	2290.45	787.22	715.46	654.72	1052.05

10-1 BMA Traffic Matrix in 1992(3/24)

NO	Switch Unit Name	ABBR	11	12	13	14	15	16	17	18	19	20
			KKM2	KKM3	SMS1	SMS2	PTW1	PTW2	SRW1	SRW2	SRW3	SRW4
1	Phloen Chit 1	PNC1	11.13	11.84	3.6	2.83	5.52	14.16	16.06	14.15	11.63	27.8
2	Phloen Chit 2	PNC2	10.93	3.91	3.03	4	12.76	15.73	12.76	18.57	14.63	21.14
3	Phloen Chit 3	PNC3	31.01	31.9	9.82	9.06	14.95	35.1	72.94	64.98	54.32	102.02
4	Asok Din Daeng 1	ASD1	10.09	12.46	4.84	3.38	4.37	10.36	9.37	9.12	7.64	11
5	Asok Din Daeng 2	ASD2	28.4	30.77	14.42	10.31	12.22	26.05	24.1	26.28	20.99	37.2
6	Sukhumwit 1	SKW1	18.24	20.82	8.59	7.42	13.54	25.41	47.17	46.58	34.06	65.48
7	Samran Rat 1	SRR1	10.2	12.82	2.91	10.73	5.62	8.04	9.81	9.63	9.74	10.88
8	Samran Rat 2	SRR2	12.5	11.92	50.9	3.48	6.98	10.54	10.91	12.74	11.13	15.43
9	Samran Rat 3	SRR3	12.54	15.03	5.17	2.89	8.36	11.03	11.35	11.97	10.41	15.87
10	Samran Rat 4	SRR4	19.94	23.16	6.23	5.84	1.18	20.4	23.19	24.81	18.4	38.84
11	Krung Kasem 2	KKM2	39.08	39.71	11.02	6.85	5.79	8.29	13.41	11.19	7.67	17.05
12	Krung Kasem 3	KKM3	30.04	49.84	15.26	6.14	9.14	10	21.08	16.84	15.34	20.73
13	Samsen 1	SMS1	12.43	14.9	21.16	10.42	2.04	2.71	4.24	3.11	3.72	7.82
14	Samsen 2	SMS2	6.99	7.47	8.24	7.04	1.33	2.88	2.88	2.5	2.18	3.01
15	Pathum Wan 1	PTW1	3.33	4.96	1.35	0.81	14.18	10.62	5.68	6.88	4.83	0.38
16	Pathum Wan 2	PTW2	9.8	14.12	3.9	2.98	18.52	36.19	15.44	15.39	13.28	24.95
17	Surawong 1	SRW1	7.35	9.86	0.48	0.01	5.26	11.92	38.99	39.41	28.56	50.11
18	Surawong 2	SRW2	9	7.93	0.83	2.16	5.13	11.54	37.05	32.88	26.61	45.04
19	Surawong 3	SRW3	6.74	8.44	2.93	1	5.85	13.04	35.83	25.23	27.2	45.26
20	Surawong 4	SRW4	16.33	14.28	3.72	3.28	13.24	46.23	56.92	53.38	42.24	94.77
21	Surawong 5	SRW5	2.54	2.22	0.58	0.51	2.06	7.18	8.85	8.3	6.56	14.73
22	Chaiyaphruk 1	CYP1	3.45	1.24	2.53	2.17	2.25	7.49	0.27	0.27	0.26	13.24
23	Chaiyaphruk 2	CYP2	6.16	6.82	2.24	1.92	3.83	7.96	9.22	8.35	7.9	13.36
24	Phra Khanong 1	PKG1	1.61	2.29	0.62	0.54	1.87	3.31	3.79	0.11	3.12	5.5
25	Phra Khanong 2	PKG2	2.77	3.5	1.35	1.14	1.64	4.24	5.45	4.82	4.02	7.7
26	On Nut 1	ONT1	4.32	4.31	2.73	1.77	3.41	6.02	6.5	7.76	5.09	9.05
27	Trok Chan 1	TKC1	2.39	2.6	2.89	1.01	10.55	6.08	7.24	10.28	4.84	10.96
28	Trok Chan 2	TKC2	2.64	3.22	0.96	0.73	3.55	6.07	7.47	8.1	6.1	14.73
29	Thung Mahamek 1	TMM1	2.59	3.63	0.66	0.61	0.1	2.46	6.19	5.94	3.53	7.16
30	Thung Mahamek 2	TMM2	1.92	2.69	0.49	0.45	0.07	1.82	4.58	4.4	2.62	5.3
31	Sathupradit 1	STD1	0.53	0.69	0.06	0.08	0.78	0.38	1.75	2.24	2.02	4.18
32	Sathupradit 2	STD2	2.23	2.45	0.83	0.61	4.91	4.96	6.77	6.79	5.87	13.13
33	Thanon Tok 1	TNT1	1.52	1.97	0.7	0.3	1.72	2.35	3.33	3.33	3.27	7.16
34	Thanon Tok 2	TNT2	3.2	4.14	1.48	0.63	3.63	4.96	7.02	7.03	6.89	15.1
35	Khlong Toei 1	KTU1	5.59	5.82	2.18	2.09	6.16	7.94	14.86	14.69	12.98	23.47
36	Hua Mak 1	HAM1	3.88	1.02	1.89	1.62	3.16	5.02	1.26	3.15	5.1	10.93
37	Hua Mak 2	HAM2	11.14	13.81	5.39	4.24	5.81	15.82	15.6	13.95	13.38	20.59
38	Khlong Chan 1	KGC1	4.55	5.36	2.68	2.31	2.45	3.97	4.93	4.98	4.43	5.41
39	Khlong Chan 2	KGC2	4.85	5.48	2.7	1.81	2.1	5.16	6.7	6.9	5.18	9.69
40	Khlong Chan 3	KGC3	1.05	1.18	0.58	0.39	0.5	1.11	1.45	1.49	1.12	2.09
41	Ramkamhaeng 1	RKH1	1.21	1.37	0.68	0.45	0.58	1.29	1.67	1.72	1.29	2.42
42	Bang Chan 1	BGC1	3.85	4.87	2.17	1.36	2.72	5.34	4.79	4.37	4.1	7.54
43	Lat Krabang 1	LKG1	1.58	1.4	0.42	0.49	1.41	1.35	3.49	2.17	1.03	4.75
44	Bang Na 1	BNA1	3.22	3.45	1.7	1.46	3.12	4.98	5.82	5.78	5.14	7.28
45	Bang Na 2	BNA2	3.16	3.45	2.06	1.5	2.15	3.8	7.78	5.31	3.97	9.51
46	Bang Na 3	BNA3	1.09	1.19	0.71	0.51	0.74	1.31	2.67	1.82	1.36	3.27
47	Samut Prakan 1	SPK1	0.78	0.93	0.39	1.34	0.86	1.07	1.06	1.07	0.54	2.34
48	Samut Prakan 2	SPK2	0.4	0.63	0.14	0.18	0.44	0.62	1.1	0.81	0.53	1.56
49	Samut Prakan 3	SPK3	0.46	0.72	0.16	0.2	0.5	0.7	1.25	0.92	0.61	1.78
50	Bang Pu 1	BGU1	0.5	0.78	0.18	0.22	0.55	0.76	1.36	1	0.66	1.94
51	Pu Chao Saming Phrai 1	PSP1	2.46	3.48	0.9	0.77	2.83	3.88	5.52	5.82	4.59	9.2
52	Pu Chao Saming Phrai 2	PSP2	2.66	3.18	1.11	0.8	3.57	4.64	8.26	5.72	5.18	14.96
53	Bang Phli 1	BPL1	2.11	3.17	1.08	1.88	2.75	7.74	5.76	6.45	6.49	7.73
54	Bang Phli 2	BPL2	0.47	0.71	0.24	0.42	0.61	1.72	1.28	1.44	1.45	1.72
55	Bang Phli Bang Bo 1	BBB1	0.59	0.89	0.3	0.53	0.77	2.17	1.62	1.81	1.82	2.17
56	Thon Buri 1	TNB1	6.34	8.78	3.57	2.85	3.6	5.36	4.89	6.71	4.61	8.96
57	Lat Ya T8	LYT8	6.73	7.73	2.52	1.91	4.94	7.61	10.14	9.96	7.57	14.72
58	Phasi Charoen 1	PSN1	2.87	3.51	3.92	0.63	1.56	1.31	2.54	2.47	2.49	3.53

10-1 BMA Traffic Matrix in 1992(4/24)

NO	Switch Unit Name	ABBR	11	12	13	14	15	16	17	18	19	20
			KKM2	KKM3	SMS1	SMS2	PTW1	PTW2	SRW1	SRW2	SRW3	SRW4
59	Phasi Charoen 2	PSN2	1.6	3.04	0.6	0.96	1.4	2.67	2.84	2.31	2.73	4.6
60	Bang Phlat 1	BGT1	8.96	11.46	5.03	3.43	3.68	6.47	5.24	5.62	4.98	7.85
61	Bang Phlat 2	BGT2	18.29	20.03	9.53	8.05	8.33	14.51	11.56	13.01	11.45	18.25
62	Bang Phlat 3	BGT3	0.7	0.76	0.36	0.31	0.32	0.55	0.44	0.5	0.44	0.7
63	Bang Bue Thong 1	BBT1	2.38	2.6	1.24	1.05	1.08	1.89	1.5	1.69	1.49	2.37
64	Bang Bue Thong 2	BBT2	0.47	0.51	0.24	0.2	0.21	0.37	0.29	0.33	0.29	0.46
65	Charan Sanitwong 1	CSW1	4.29	8.53	2.11	1.46	0.97	2.66	1.83	2.15	2.02	3.5
66	Charan Sanitwong 2	CSW2	6.41	7.55	2.68	2.25	2.69	4.2	4.48	4.47	3.72	6.52
67	Bang Khae 1	BKE1	2.79	4.35	1.42	0.75	1.48	3.67	2.83	1.76	1.83	4
68	Bang Khae 2	BKE2	1.69	1.98	0.73	0.58	1.41	2.36	2.18	2.85	1.59	3.49
69	Nong Khaem 1	NGK1	3.25	364	1.35	1.03	2.39	2.79	5.86	4.33	4.97	8.98
70	Muban Settakit 1	MSK1	2.58	2.89	1.07	0.82	1.9	2.22	4.66	3.44	3.94	7.13
71	Dao khanong 1	DKN1	2.32	2.7	1.03	0.68	2.33	3.55	3.72	4.39	3.5	6.55
72	Dao khanong 2	DKN2	1.19	1.39	0.53	0.35	1.19	1.82	1.91	2.26	1.8	3.37
73	Phra Pradaeng 1	PPG1	0.5	0.89	0.09	0.42	0.52	0.74	1.85	1.83	1.25	1.46
74	Phra Pradaeng 2	PPG2	3	4.12	1.12	0.96	3.52	3.48	5.16	5.42	4.34	8.73
75	Ekkachai 1	EKC1	6.25	10.06	2.7	1.93	8.83	9.65	9.3	9.29	7.27	16.21
76	Ekkachai 2	EKC2	0.98	1.58	0.42	0.3	1.38	1.51	1.46	1.46	1.14	2.54
77	Rat Burana 1	RBN1	5.18	4.88	1.78	1.72	5.03	5.94	7.31	6.26	5.72	12.63
78	Phahonyothin 1	PYT1	10.49	12.75	7.61	4.14	4.43	7.7	9.12	11.72	8.33	12.23
79	Phahonyothin 2	PYT2	3.29	3.73	2.8	1.82	1.11	2.11	4	2.55	2.46	0.1
80	Phahonyothin T2	PYTT2	13.41	15.29	8.38	4.77	4.21	9.16	13.89	9.51	10.28	15.21
81	Inthamara 1	ITM1	3.48	4.57	2.78	2.15	1.75	5.41	0.23	2.15	3.2	0.21
82	Inthamara 2	ITM2	6.12	8.04	4.88	3.77	3.07	9.5	0.4	3.78	5.64	0.38
83	Bang Khen 1	BGN1	6.86	8.12	3.17	1.88	1.6	3.81	4.22	3.56	3.12	4.75
84	Bang Khen 2	BGN2	9.96	11.78	4.6	2.73	2.32	5.53	6.13	5.17	4.53	6.89
85	Lat Phrao 1-1	LTP1-1	2.23	2.85	1.64	0.98	0.78	2.48	2.2	2.5	1.99	0.23
86	Lat Phrao 1-2	LTP1-2	10.03	11.98	6.09	4.54	5.01	11.08	12.81	12.7	9.78	13.68
87	Lat Phrao 2-1	LTP2-1	1.08	0.97	1.12	0.05	0.58	1.52	1.39	1.69	0.79	0.94
88	Lat Phrao 2-1	LTP2-2	7.18	8.09	3.79	3.36	2.92	6.59	6.8	7.19	4.9	8.04
89	Don Muang 1	DNM1	2.45	2.78	2.1	1.27	0.67	1.97	3.12	2.89	1.77	3.67
90	Don Muang 2	DNM2	6.11	6.3	4.19	2.65	3.56	5.23	8.18	7.01	5.48	9.47
91	Thanyaburi 1	TYB1	6	62	0.41	0.26	0.35	0.51	0.81	0.69	0.54	0.93
92	Rangsit 1	RST1	1.36	1.4	0.93	0.59	0.79	1.16	1.82	1.55	1.22	2.1
93	Nawa Nakhon 1	NWN1	2.54	4.12	1.09	0.55	0.92	1.95	4.56	3.28	3.68	6.13
94	Bang Su 1	BGS1	4.67	9.82	6.06	4.63	1.6	4.63	1.13	2.87	2.04	0.16
95	Bang Su 2	BGS2	3.86	4.86	3.08	1.95	1.52	3.46	4.29	2.96	2.39	4.42
96	Ngam Wong Wan 1	NWW1	2.19	2.35	1.53	1.27	0.66	0.82	1.39	1.48	0.71	2.29
97	Ngam Wong Wan 2	NWW2	8.5	9.51	6.4	5.14	3.1	6.52	6.72	5.77	5.02	8.29
98	Nonthaburi 1	NTB1	3.19	3.29	1.83	0.9	0.44	1.18	1.13	0.92	0.26	0.73
99	Nonthaburi 2	NTB2	8.62	8.89	4.94	2.51	1.2	3.18	3.05	2.49	0.71	1.98
100	Lak Si 1	LKS1	3.33	3.35	2.54	1.39	1.72	2.26	2.69	2.7	2.12	3.9
101	Lak Si T4	LKST4	2.98	3.27	1.39	0.81	1.71	3.01	4.38	3.7	3.28	6.14
102	Lak Si 2	LKS2	0.37	0.41	0.17	0.1	0.22	0.38	0.55	0.46	0.41	0.77
103	Ram Inthra 1	RIT1	3.43	4.15	2.08	1.5	1.39	2.6	2.57	2.57	1.84	3.94
104	Ram Inthra 2	RIT2	0.48	0.58	0.29	0.21	0.2	0.37	0.36	0.36	0.26	0.56
105	Pak Kret 1	PKK1	4.55	6.75	7.37	6.32	2.3	3.15	3.82	4.07	3.56	6.84
106	Pathum Thani 1	PTT1	2.05	3.03	3.31	2.84	1.04	1.42	1.72	1.83	1.6	3.08
107	Bang Phun 1	BAN1	0.77	1.15	0.25	1.07	0.39	0.54	0.65	0.69	0.6	1.16
108	Chaeng Watthana 1	CWT1	6.2	7.83	4.43	3.63	1.75	5.58	4.99	4.9	3.69	7.1
109	Lak Si TC	LSTC	44.78	64.91	17.13	17.93	22.78	70.45	0	0	0	0
110	Phra Khanong TC	PNTC	0	0	0	0	0	0	0	0	0	0
111	Lat Ya TC	LYTC	0	0	0	0	0	0	49.61	48.09	45.06	108.41
112	Lak Si International	LSIT	4.95	7.75	0.31	0.42	0.95	3.96	0	0	0	0
113	Phra Khanong Internatio	PNIT	0	0	0	0	0	0	0	0	0	0
114	Lat Ya International	LYIT	0	0	0	0	0	0	26.89	26.69	26.18	83.15
	IC Total		685.82	1230.81	386.91	258.44	385.93	750.46	933.45	897.73	754.2	1420.86

10-1 BMA Traffic Matrix in 1992(5/24)

NO	Switch Unit Name	ABBR	21	22	23	24	25	26	27	28	29	30
			SRW5	CYP1	CYP2	PKG1	PKG2	ONT1	TKC1	TKC2	TMM1	TMM2
1	Phloen Chit 1	PNC1	4.32	9.49	9.2	3.71	3.93	8.29	5.02	2.76	6.28	4.65
2	Phloen Chit 2	PNC2	3.29	9.64	9.48	3.61	3.5	8.25	4.79	2.27	4.86	3.6
3	Phloen Chit 3	PNC3	15.86	35.01	30.38	11.01	10.22	21.05	16.72	22.18	24.35	18.03
4	Asok Din Daeng 1	ASD1	1.71	5.47	7.31	2.72	1.7	5.07	3.5	1.65	2.78	2.06
5	Asok Din Daeng 2	ASD2	5.78	15.95	16.62	7.09	8.03	14.34	9.07	5.06	8.37	6.2
6	Sukhumvit 1	SKW1	10.18	56.54	47.07	18.33	21.83	29.14	15.7	7.52	18.41	13.64
7	Samran Rat 1	SRR1	1.69	4.83	3.35	0.6	1.38	3.03	4.12	1.15	3.06	2.26
8	Samran Rat 2	SRR2	2.4	3.76	3.5	2.1	2.88	3.93	3.82	2.03	3.75	2.77
9	Samran Rat 3	SRR3	2.47	4.52	5.18	1.9	2.65	3.78	4.32	2.21	3.7	2.74
10	Samran Rat 4	SRR4	6.04	8.9	9.48	5.34	4.2	7.04	9.45	4.81	7.16	5.31
11	Krung Kasem 2	KKM2	2.65	6.81	6.17	2.35	4.2	2.98	3.23	1.83	4.31	3.19
12	Krung Kasem 3	KKM3	3.22	5	6.09	9.96	7.33	5.39	9.15	3.43	4.19	3.11
13	Samsen 1	SMS1	1.22	1.28	1.02	0.46	1.6	1.83	0.89	0.39	0.68	0.51
14	Samsen 2	SMS2	0.47	1.94	1.55	1.05	0.93	1.24	0.87	0.34	1.04	0.77
15	Pathum Wan 1	PTW1	0.06	3.02	2.96	1.34	1.12	2.15	2.92	1.14	1.99	1.47
16	Pathum Wan 2	PTW2	3.88	7.64	9.79	3.63	4.44	6.04	6.02	3.25	5.14	3.81
17	Surawong 1	SRW1	7.79	9.61	10.72	3.55	3.46	5	6.55	4.45	8.29	6.14
18	Surawong 2	SRW2	7	9.63	8.43	41	3.37	5.58	6.43	5.32	7.78	5.76
19	Surawong 3	SRW3	7.04	8.6	6.9	2.97	2.64	6.84	6.35	4.08	6.46	4.78
20	Surawong 4	SRW4	14.73	12.04	12.02	5.75	6.23	9.59	13.1	8.1	13.95	10.33
21	Surawong 5	SRW5	2.29	1.87	1.87	0.89	0.97	1.49	2.04	1.26	2.17	1.61
22	Chaiyaphruk 1	CYP1	2.06	37.01	20.48	4.43	5.44	10.34	2.8	2.03	4.07	3.01
23	Chaiyaphruk 2	CYP2	2.08	25.36	22.93	6.91	6.31	10.8	3.14	2.92	4.42	3.27
24	Phra Khanong 1	PKG1	0.85	5.1	5.28	10.67	8.83	6.78	1.97	0.65	1.67	1.24
25	Phra Khanong 2	PKG2	1.2	8.92	8.83	12.18	13.81	10.86	2.42	1.92	2.7	2
26	On Nut 1	ONT1	1.41	10.68	9.95	8.49	9.87	61.98	3.21	1.55	3.44	2.55
27	Trok Chan 1	TKC1	1.7	2.07	1.74	1.87	1.07	3.1	14.26	7.54	5.18	3.83
28	Trok Chan 2	TKC2	2.29	3.67	3.42	1.95	3.57	4.14	18.81	12.55	7.26	5.38
29	Thung Mahamek 1	TMM1	1.11	1.75	1.7	1.08	0.9	2.17	5.32	3.49	7.5	5.55
30	Thung Mahamek 2	TMM2	0.82	1.3	1.26	0.8	0.67	1.61	3.94	2.58	5.55	4.11
31	Sathupradit 1	STD1	0.65	0.74	0.94	0.49	0.65	0.18	2.71	0.67	2.75	2.03
32	Sathupradit 2	STD2	2.04	3.1	3.38	1.78	1.68	2.96	11.32	4.54	6.71	4.97
33	Thanon Tok 1	TNT1	1.11	1.51	1.72	0.76	0.77	2.25	4.64	2.79	3.83	2.84
34	Thanon Tok 2	TNT2	2.35	3.18	3.63	1.61	1.62	4.75	9.78	5.89	8.08	5.98
35	Khlong Toei 1	KTI1	3.65	8.65	9.09	5.43	5.55	7.65	8.19	3.76	7.63	5.65
36	Hua Mak 1	HAM1	1.7	8.41	8.44	3.1	2.25	9.34	2.14	1.93	2.39	1.77
37	Hua Mak 2	HAM2	3.2	19.94	21.24	7.53	8.33	19	6.77	3.48	5.66	4.19
38	Khlong Chan 1	KGC1	0.84	4.41	5.23	3.26	3.34	7.79	2.22	2.21	1.74	1.29
39	Khlong Chan 2	KGC2	1.51	7.22	7.49	3.33	3.44	9.97	3.57	1.74	2.6	1.92
40	Khlong Chan 3	KGC3	0.32	1.56	1.62	0.72	0.74	2.15	0.77	0.37	0.56	0.41
41	Ramkamhaeng 1	RKH1	0.38	1.8	1.87	0.83	0.86	2.49	0.89	0.43	0.65	0.48
42	Bang Chan 1	BGC1	1.17	3.63	5.8	2.67	2.14	7.18	2.17	1.43	2.37	1.76
43	Lat Krabang 1	LKG1	0.74	3.05	2.52	2.14	2.71	71	0.43	0.51	0.89	0.66
44	Bang Na 1	BNA1	1.13	7.73	6.55	8.09	7.25	10.16	3.01	1.54	2.47	1.83
45	Bang Na 2	BNA2	1.48	6.23	5.96	5.65	5.74	8.54	2.4	2.1	2.96	2.19
46	Bang Na 3	BNA3	0.51	2.14	2.05	1.94	1.97	2.93	0.82	0.72	1.02	0.75
47	Samut Prakan 1	SPK1	0.36	1.3	0.94	1.66	1.33	0.88	0.7	0.41	0.41	0.3
48	Samut Prakan 2	SPK2	0.24	1.03	0.85	0.84	0.78	0.89	0.46	0.41	0.44	0.33
49	Samut Prakan 3	SPK3	0.28	1.18	0.97	0.96	0.88	1.01	0.53	0.47	0.51	0.37
50	Bang Pu 1	BGU1	0.3	1.28	1.06	1.05	0.96	1.1	0.58	0.51	0.55	0.41
51	Pu Chao Saming Phrai 1	PSP1	1.43	4.26	4.21	3.78	3.47	3.96	2.73	1.32	2.86	2.12
52	Pu Chao Saming Phrai 2	PSP2	2.33	5.29	4.64	5.05	3.85	5.45	3.11	1.52	2.45	1.82
53	Bang Phli 1	BPL1	1.2	6.14	6.92	3.96	6.37	6.12	4.05	0.91	2.88	2.13
54	Bang Phli 2	BPL2	0.27	1.37	1.54	0.88	1.42	1.36	0.9	0.2	0.64	0.47
55	Bang Phli Bang Bo 1	BBB1	0.34	1.72	1.94	1.11	1.79	1.72	1.14	0.25	0.81	0.6
56	Thon Buri 1	TNB1	1.39	3.22	3.42	2.13	2.42	3.73	3.75	2.16	2.57	1.9
57	Lat Ya T8	LYT8	2.29	4.05	4.3	3.02	2.59	6.47	5.91	3.48	4.14	3.06
58	Phasi Charoen 1	PSN1	0.55	1.3	0.88	0.64	0.2	1.33	1.08	0.35	0.66	0.49

10-1 BMA Traffic Matrix in 1992(6/24)

NO	Switch Unit Name	ABBR	21	22	23	24	25	26	27	28	29	30
			SRW5	CYP1	CYP2	PKG1	PKG2	ONT1	TKC1	TKC2	TMM1	TMM2
59	Phasi Charoen 2	PSN2	0.72	0.84	1.64	0.86	1.67	1.7	1.55	1.01	1.01	0.74
60	Bang Phlat 1	BGT1	1.22	2.8	2.91	1.97	2.13	3.2	1.55	1.41	1.99	1.48
61	Bang Phlat 2	BGT2	2.84	6.67	7.92	4.57	3.6	6.88	5.38	3.54	4.86	3.6
62	Bang Phlat 3	BGT3	0.11	0.25	0.3	0.17	0.14	0.26	0.21	0.13	0.19	0.14
63	Bang Buc Thong 1	BBT1	0.37	0.87	1.03	0.59	0.47	0.89	0.7	0.46	0.63	0.47
64	Bang Buc Thong 2	BBT2	0.07	0.17	0.2	0.12	0.09	0.18	0.14	0.09	0.12	0.09
65	Charan Sanitwong 1	CSW1	0.54	1.18	0.73	0.56	0.84	1.32	0.64	0.82	0.75	0.55
66	Charan Sanitwong 2	CSW2	1.01	3.05	3.05	1.55	2.1	2.31	2.38	1.82	2.24	1.66
67	Bang Khae 1	BKE1	0.62	0.97	1.14	0.01	0.39	1.6	0.98	0.62	0.78	0.58
68	Bang Khae 2	BKE2	0.54	0.83	1.05	0.72	0.82	1.22	1.28	1.4	1.02	0.76
69	Nong Khaem 1	NGK1	1.4	1.6	2	0.86	1.12	1.38	2.06	1.71	1.99	1.47
70	Muban Settakit 1	MSK1	1.11	1.27	1.59	0.68	0.89	1.09	1.64	1.36	1.58	1.17
71	Dao khanong 1	DKN1	1.02	2.73	1.61	0.78	1.07	1.02	3.27	2.75	2.04	1.51
72	Dao khanong 2	DKN2	0.52	1.4	0.82	0.4	0.55	0.53	1.68	1.41	1.05	0.78
73	Phra Pradaeng 1	PPG1	0.23	2.36	0.65	0.23	0.47	0.16	0.53	0.13	0.61	0.45
74	Phra Pradaeng 2	PPG2	1.36	2.57	3.92	1.57	1.51	2.89	3.05	2.19	2.74	2.03
75	Ekkachai 1	EKC1	2.52	5.2	4.1	3	2.1	4.75	7.73	4.32	4.77	3.54
76	Ekkachai 2	EKC2	0.4	0.82	0.64	0.47	0.33	0.74	1.21	0.68	0.75	0.55
77	Rat Burana 1	RBN1	1.96	4.08	3.86	1.83	2.28	4.13	5.51	3.19	3.89	2.88
78	Phahonyothin 1	PYT1	1.9	6.74	5.86	3.66	3.67	5.19	4.65	2	2.92	2.16
79	Phahonyothin 2	PYT2	0.02	2.19	2.03	1.09	0.77	1.89	1.81	0.68	0.86	0.64
80	Phahonyothin T2	PYTT2	2.36	6.1	7.41	3.43	3.36	5.17	2.86	2.16	3.63	2.69
81	Inthamara 1	ITM1	0.03	3.94	3.07	1.75	1.68	3.23	2.02	0.9	1.63	1.21
82	Inthamara 2	ITM2	0.06	6.92	5.4	3.08	2.96	5.69	3.55	1.58	2.86	2.12
83	Bang Khen 1	BGN1	0.74	2.56	2.93	1.13	1.43	2.89	1.54	1.02	1.17	0.87
84	Bang Khen 2	BGN2	1.07	3.72	4.26	1.64	2.08	4.19	2.23	1.48	1.7	1.26
85	Lat Phrao 1-1	LTP1-1	0.04	1.69	1.42	0.88	1.17	1.22	1.82	0.54	0.89	0.66
86	Lat Phrao 1-2	LTP1-2	2.13	7.84	7.78	3.69	3.6	7.11	3.52	1.9	4.2	3.11
87	Lat Phrao 2-1	LTP2-1	0.15	0.52	0.76	0.51	0.7	0.15	0.4	0.05	0.37	0.27
88	Lat Phrao 2-1	LTP2-2	1.25	5.97	5.79	2.79	2.97	8.09	2.96	1.94	2.85	2.11
89	Don Muang 1	DNM1	0.57	0.81	1.27	0.85	1.07	1.38	0.6	0.4	0.86	0.64
90	Don Muang 2	DNM2	1.47	3.41	4.87	2.07	1.84	4.21	2.04	1.02	2.17	1.61
91	Thanyaburi 1	TYB1	0.14	0.34	0.48	0.2	0.18	0.41	0.2	0.1	0.21	0.16
92	Rangsit 1	RST1	0.33	0.76	1.08	0.46	0.41	0.93	0.45	0.23	0.48	0.36
93	Nawa Nakhon 1	NWN1	0.95	1.95	2.08	0.7	0.92	1.45	0.63	0.59	1.25	0.93
94	Bang Su 1	BGS1	0.02	2.34	2.06	1.42	1.92	2.55	1.56	1.02	1.34	1
95	Bang Su 2	BGS2	0.69	2.23	2.06	0.95	1.15	2.1	1.08	1.02	1.4	1.03
96	Ngam Wong Wan 1	NWW1	0.36	1.37	0.99	0.47	0.58	0.72	0.42	0.3	0.44	0.32
97	Ngam Wong Wan 2	NWW2	1.29	4.48	5.11	2.21	2.33	6.23	2.1	1.01	3.91	2.9
98	Nonthaburi 1	NTB1	0.11	0.97	0.81	0.25	0.25	0.12	0.53	0.39	0.55	0.41
99	Nonthaburi 2	NTB2	0.31	2.63	2.18	0.66	0.67	0.32	1.44	1.05	1.49	1.11
100	Lak Si 1	LKS1	0.61	1.96	1.6	0.67	0.91	1.8	0.76	0.38	1.09	0.8
101	Lak Si T4	LKST4	0.96	1.83	2.61	1.18	1.77	1.88	0.93	1.2	1.89	1.4
102	Lak Si 2	LKS2	0.12	0.23	0.33	0.15	0.22	0.24	0.12	0.15	0.24	0.18
103	Ram Inthra 1	RIT1	0.61	2.56	3.26	1.47	1.46	4.63	1.27	1.09	1.18	0.87
104	Ram Inthra 2	RIT2	0.09	0.36	0.46	0.21	0.21	0.65	0.18	0.15	0.17	0.12
105	Pak Kret 1	PKK1	1.06	2.15	2.23	1.35	0.19	2.16	1.49	0.59	1.62	1.2
106	Pathum Thani 1	PTT1	0.48	0.97	1	0.61	0.08	0.97	0.67	0.26	0.73	0.54
107	Bang Phun 1	BAN1	0.18	0.36	0.38	0.23	0.03	0.37	0.5	0.1	0.28	0.2
108	Chaeng Watthana 1	CWT1	1.1	3.58	3.27	1.47	2.47	3.65	1.61	1.39	2.33	1.73
109	Lak Si TC	LSTC	0	0	0	0	0	0	0	27.81	0	0
110	Phra Khanong TC	PNTC	0	34.32	27.04	20.88	38.7	66.39	0	0	0	0
111	Lat Ya TC	LYTC	16.85	0	0	0	0	0	16.95	0	7.82	5.79
112	Lak Si International	LSIT	0	0	0	0	0	0	0	27.81	0	0
113	Phra Khanong Internatio	PNIT	0	12.61	9.88	4.34	11.23	1.34	0	0	0	0
114	Lat Ya International	LYIT	12.93	0	0	0	0	0	1.54	0	1.56	1.16
	IC Total		220.91	602.92	564.8	339.54	337.73	1162.6	382.62	277.91	340.84	252.41

10-1 BMA Traffic Matrix in 1992(7/24)

NO	Switch Unit Name	ABBR	31 STD1	32 STD2	33 TNT1	34 TNT2	35 KTI1	36 HAM1	37 HAM2	38 KGC1	39 KGC2	40 KGC3
1	Phloen Chit 1	PNC1	1	4.06	1.48	3.12	10.16	8.03	15.18	4.73	5.76	1.24
2	Phloen Chit 2	PNC2	1.1	3.79	1.25	2.63	9.3	6.82	17.79	4.7	5.71	1.23
3	Phloen Chit 3	PNC3	5.24	19.33	7.68	16.2	32.92	24	52.68	15.78	22.91	4.94
4	Asok Din Daeng 1	ASD1	1.19	3.72	1.85	3.9	5.82	4.6	14.66	4.49	5	1.08
5	Asok Din Daeng 2	ASD2	2.75	7.78	4.21	8.87	15.97	16.34	39.18	12.79	17.34	3.74
6	Sukhumwit 1	SKW1	4.67	12.75	6.69	14.1	41.14	24.7	51.35	16.1	22.22	4.79
7	Samran Rat 1	SRR1	0.11	2.33	0.25	0.53	5.96	1.03	7.8	0.86	3.17	0.68
8	Samran Rat 2	SRR2	0.72	3.41	1.54	3.26	6.13	6.54	7.1	2.76	2.17	0.47
9	Samran Rat 3	SRR3	1.21	3.41	1.49	3.15	6.67	4.21	7.73	3.14	3.55	0.77
10	Samran Rat 4	SRR4	3.32	8.52	4.81	10.15	11.91	8.13	16.47	6.35	6.55	1.41
11	Krung Kasem 2	KKM2	0.78	1.8	1.56	3.29	4.64	3.85	14.18	4.64	5.32	1.15
12	Krung Kasem 3	KKM3	1.33	1.59	0.99	2.09	3.01	7.24	6.19	3.47	2.33	0.5
13	Samsen 1	SMS1	0.12	0.89	0.5	1.05	1.82	1.06	3.71	1.31	3.12	0.67
14	Samsen 2	SMS2	0.34	0.89	0.55	1.16	2.04	0.82	4.61	2.01	2.13	0.46
15	Pathum Wan 1	PTW1	0.76	3.43	1.08	2.27	3.86	2.88	5.42	1.14	1.62	0.35
16	Pathum Wan 2	PTW2	2.1	6.5	2.84	5.98	8.3	6.48	15.95	5.39	5.22	1.13
17	Surawong 1	SRW1	0.25	6.53	0.22	0.47	11.47	7.85	15.36	4.4	6.93	1.49
18	Surawong 2	SRW2	0.46	6.49	0.71	1.5	8.44	9.15	12.22	5.46	4.06	0.88
19	Surawong 3	SRW3	1.62	5.72	2.26	4.76	11.68	6.72	18.8	4.63	4.76	1.03
20	Surawong 4	SRW4	5.06	12.82	7.5	15.81	23.61	11.48	19.37	5.82	7.42	1.6
21	Surawong 5	SRW5	0.79	1.99	1.17	2.46	3.67	1.78	3.01	0.9	1.15	0.25
22	Chaiyaphruk 1	CYP1	1.15	4.18	1.43	3.02	9.67	81	17.79	3.57	5.19	1.12
23	Chaiyaphruk 2	CYP2	1.36	4.96	1.92	4.04	9.95	9.23	20.26	5.18	7.54	1.63
24	Phra Khanong 1	PKG1	0.59	2.14	0.8	1.68	4.19	2.93	6.43	1.59	2.32	0.5
25	Phra Khanong 2	PKG2	0.92	3.35	1.12	2.36	6.08	4.48	9.79	3.59	5.2	1.12
26	On Nut 1	ONT1	1.05	2.46	1.85	3.89	6.62	9.96	21.66	8.13	10.01	2.16
27	Trok Chan 1	TKC1	10	8.81	6.05	12.76	7.34	1.81	5.3	1.62	2.74	0.59
28	Trok Chan 2	TKC2	3.69	9.7	4.67	9.84	5.83	2.66	8.37	1.94	3.13	0.67
29	Thung Mahamek 1	TMM1	1.24	5.38	1.36	2.86	3.35	1.38	3.47	0.99	1.76	0.38
30	Thung Mahamek 2	TMM2	0.92	3.98	1	2.12	2.48	1.02	2.57	0.74	1.3	0.28
31	Sathupradit 1	STD1	3.21	5.57	1.4	2.96	1.74	0.39	0.81	0.51	0.25	0.05
32	Sathupradit 2	STD2	8.88	23.22	5.89	12.41	5.85	2.51	8.87	1.6	2.14	0.46
33	Thanon Tok 1	TNT1	2.15	6.02	6.25	13.17	2.36	1.49	3.69	1	0.7	0.15
34	Thanon Tok 2	TNT2	4.52	12.7	13.17	27.77	4.98	3.14	7.77	2.11	1.47	32
35	Khlong Toei 1	KTI1	2.49	7.66	3.14	6.62	42.24	5.81	11.75	4.31	4.58	0.99
36	Hua Mak 1	HAM1	0.84	3.09	1.09	2.3	5.38	11.3	35.02	4.23	6.15	1.33
37	Hua Mak 2	HAM2	2.41	8.86	4.99	10.52	11.52	36.8	127	18.19	22.85	4.93
38	Khlong Chan 1	KGC1	0.58	2.14	1.1	2.31	4.02	4.45	9.79	37.72	22.41	4.83
39	Khlong Chan 2	KGC2	1.09	2.42	1.55	3.27	4.37	10.98	21.84	18.65	31.48	6.79
40	Khlong Chan 3	KGC3	0.24	0.52	0.33	0.71	0.94	2.37	4.71	4.02	6.79	1.46
41	Ramkamhaeng 1	RKH1	0.27	0.6	0.39	0.82	1.09	2.74	5.45	4.66	7.86	1.7
42	Bang Chan 1	BGC1	1.03	1.83	1.13	2.38	4.88	7.04	15.2	11.98	11.59	2.5
43	Lat Krabang 1	LKG1	0.46	0.47	0.78	1.64	2.56	1.8	3.66	1.42	1.77	0.38
44	Bang Na 1	BNA1	1.07	3.93	1.28	2.71	8.79	4.46	9.81	3.59	5.22	1.13
45	Bang Na 2	BNA2	0.6	3.4	1.38	2.92	7.65	3.68	9.43	3.24	3.88	0.84
46	Bang Na 3	BNA3	0.31	1.17	0.48	1	2.63	1.26	3.24	1.11	1.33	0.29
47	Samut Prakan 1	SPK1	0.2	0.74	0.27	0.57	1.53	0.69	1.51	0.39	0.57	0.12
48	Samut Prakan 2	SPK2	0.29	0.64	0.19	0.4	2.07	0.87	1.64	0.42	0.62	0.13
49	Samut Prakan 3	SPK3	0.33	0.73	0.22	0.46	2.35	0.99	1.86	0.48	0.71	0.15
50	Bang Pu 1	BGU1	0.36	0.79	0.24	0.5	2.56	1.08	2.03	0.52	0.77	0.17
51	Pu Chao Saming Phrai 1	PSP1	1.07	3.9	1.08	2.27	5.25	2.96	6.49	2.66	3.86	83
52	Pu Chao Saming Phrai 2	PSP2	1.8	3.68	1.68	3.53	7.99	3	8.68	3.12	4.31	0.93
53	Bang Phli 1	BPL1	2.22	3.56	1.14	2.4	6.66	4.86	16.33	3.78	4.81	1.04
54	Bang Phli 2	BPL2	0.49	0.79	0.25	0.53	1.48	1.08	3.64	0.84	1.07	0.23
55	Bang Phli Bang Bo 1	BBB1	0.62	1	0.32	0.67	1.87	1.36	4.58	1.06	1.35	0.29
56	Thon Buri 1	TNB1	0.58	2.19	2.01	4.25	3.73	1.91	7.57	2.7	2.36	0.51
57	Lat Ya T8	LYT8	2.38	4.74	3.86	8.14	5.39	3.68	7.27	3.35	3.44	0.74
58	Phasi Charoen 1	PSN1	0.28	0.77	0.82	1.74	0.6	0.64	1.41	0.98	1.3	0.28

10-1 BMA Traffic Matrix in 1992(8/24)

NO	Switch Unit Name	ABBR	31 STD1	32 STD2	33 TNT1	34 TNT2	35 KTH1	36 HAM1	37 HAM2	38 KGC1	39 KGC2	40 KGC3
59	Phasi Charoen 2	PSN2	0.38	1.4	0.78	1.64	1.44	1.24	2.02	1.01	1.1	0.24
60	Bang Phlat 1	BGT1	0.42	2.14	0.8	1.7	3.68	4.51	7.96	3.69	3.35	0.72
61	Bang Phlat 2	BGT2	1.64	5.77	3.24	6.82	6.73	6.98	20.94	7.78	11.31	2.44
62	Bang Phlat 3	BGT3	0.06	0.22	0.12	0.26	0.26	0.27	0.8	0.3	0.43	0.09
63	Bang Buc Thong 1	BBT1	0.21	0.75	0.42	0.89	0.88	0.91	2.72	1.01	1.47	0.32
64	Bang Buc Thong 2	BBT2	0.04	0.15	0.08	0.17	0.17	0.18	0.53	0.2	0.29	0.06
65	Charan Sanitwong 1	CSW1	0.17	0.83	0.51	1.08	1.95	1.26	3.73	1.31	1.47	0.32
66	Charan Sanitwong 2	CSW2	0.81	2	1.66	3.5	2.4	2.63	6.3	2.56	3.55	0.77
67	Bang Khae 1	BKE1	0.36	0.83	0.73	1.54	1.13	0.81	2.32	0.55	0.18	0.04
68	Bang Khae 2	BKE2	0.6	1.31	0.8	1.69	1.63	1.13	2.9	0.98	0.9	0.19
69	Nong Khaem 1	NOK1	0.82	3.03	0.96	2.01	3.27	1.53	3.24	1.36	1.66	0.36
70	Muban Settakit 1	MSK1	0.65	2.41	0.76	1.6	2.59	1.22	2.57	1.08	1.32	0.28
71	Dao khanong 1	DKN1	0.81	3.48	2.13	4.49	3.08	1.18	3.54	1.4	1.75	0.38
72	Dao khanong 2	DKN2	0.42	1.79	1.09	2.31	1.58	0.6	1.82	0.72	0.9	0.19
73	Phra Pradaeng 1	PPG1	0.06	0.45	0.51	1.07	0.82	0.57	1.59	0.05	0.21	0.05
74	Phra Pradaeng 2	PPG2	2.22	4.32	2.69	5.66	5.18	1.71	3.73	1.71	2.52	0.54
75	Ekkachai 1	EKC1	2.95	7.12	5.24	11.05	6.59	3.54	9.9	4.06	3.67	0.79
76	Ekkachai 2	EKC2	0.46	1.12	0.82	1.73	1.03	0.55	1.55	0.64	0.58	0.12
77	Rat Burana 1	RBN1	2.73	5.61	4.5	9.48	6.84	2.22	7.21	2.23	2.68	0.58
78	Phahonyothin 1	PYT1	0.89	2.48	1.08	2.27	6.8	5.51	12.28	5.97	7.2	1.55
79	Phahonyothin 2	PYT2	0.34	0.69	0.34	0.71	2.39	2.31	4.53	2.35	1.78	0.38
80	Phahonyothin T2	PYTT2	0.84	2.63	1.66	3.5	9.8	5.66	14.17	5.58	6.48	1.4
81	Inthamara 1	ITM1	0.64	1.45	0.59	1.24	3.74	3.36	5.99	3.84	4.02	0.87
82	Inthamara 2	ITM2	1.12	2.56	1.04	2.18	6.57	5.92	10.53	6.75	7.08	1.53
83	Bang Khen 1	BGN1	0.57	0.91	0.48	1.01	3.11	3.05	4.84	4.11	4.76	1.03
84	Bang Khen 2	BGN2	0.83	1.32	0.69	1.46	4.52	4.43	7.02	5.96	6.9	1.49
85	Lat Phrao 1-1	LTP1-1	0.19	0.77	0.24	0.51	1.66	1.71	2.48	2.68	3.05	0.66
86	Lat Phrao 1-2	LTP1-2	1.34	3.3	1.6	3.37	7.74	8.63	18.74	9.54	11.19	2.41
87	Lat Phrao 2-1	LTP2-1	0.25	0.22	0.27	0.57	0.61	2.01	0.65	1.81	0.78	0.17
88	Lat Phrao 2-1	LTP2-2	0.68	2.84	1.25	2.63	4.93	6.81	15.25	14.44	12.51	2.7
89	Don Muang 1	DNM1	0.26	0.65	0.24	0.51	2.19	1.42	4.25	1.46	2.06	0.45
90	Don Muang 2	DNM2	0.61	1.85	1.14	2.4	4.52	4.07	10.82	4.54	4.5	0.97
91	Thanyaburi 1	TYB1	0.06	0.18	0.11	0.24	0.45	0.4	1.06	0.45	0.44	0.1
92	Rangsit 1	RST1	0.14	0.41	0.25	0.53	1	0.9	2.4	1.01	1	0.22
93	Nawa Nakhon 1	NWN1	0.41	0.76	0.51	1.07	1.45	2.37	5.13	1.36	1.59	0.34
94	Bang Su 1	BGS1	0.41	1.06	0.7	1.47	2.52	2.4	6.06	2.66	3.3	0.71
95	Bang Su 2	BGS2	0.57	1.23	0.67	1.41	2.25	1.68	4.79	2.51	2.06	0.44
96	Ngam Wong Wan 1	NWW1	0.26	0.38	0.33	0.69	1.05	0.67	1.9	1.11	0.86	0.19
97	Ngam Wong Wan 2	NWW2	0.91	2.44	1.09	2.3	4.8	4.56	13.22	7.1	6.96	1.5
98	Nonthaburi 1	NTB1	0.44	0.21	0.05	0.11	0.81	0.38	2.21	2.05	2.06	0.44
99	Nonthaburi 2	NTB2	1.19	0.56	0.14	0.3	2.19	1.04	5.96	5.54	5.55	1.2
100	Lak Si 1	LKS1	0.17	0.94	0.32	0.68	1.76	1.7	3.85	2.16	2.9	0.63
101	Lak Si T4	LKST4	0.53	1.87	0.58	1.22	3.32	2.14	4.65	2.08	3.02	0.65
102	Lak Si 2	LKS2	0.07	0.24	0.07	0.15	0.42	0.27	0.59	0.26	0.38	0.08
103	Ram Inthra 1	RIT1	0.47	1.05	0.57	1.21	2.22	3.77	10.92	8.99	7.51	1.62
104	Ram Inthra 2	RIT2	0.07	0.15	0.08	0.17	0.31	0.53	1.54	1.27	1.06	0.23
105	Pak Kret 1	PKK1	0.52	0.26	0.82	1.72	2.88	2.7	5.91	2.52	3.16	0.68
106	Pathum Thani 1	PTT1	0.23	0.57	0.37	0.77	1.3	1.22	2.66	1.13	1.42	0.31
107	Bang Phun 1	BAN1	0.09	0.21	0.14	0.29	0.49	0.46	1	0.43	0.54	0.12
108	Chaeng Watthana 1	CWT1	0.61	1.99	0.73	1.54	3.07	3.11	7.67	4.26	4.98	1.07
109	Lak Si TC	LSTC	0	0	0	0	0	0	0	0	0	0
110	Phra Khanong TC	PNTC	0	0	0	0	0	22.39	61.02	13.82	25	5.39
111	Lat Ya TC	LYTC	8.34	30.04	13.26	27.95	35.02	0	0	0	0	0
112	Lak Si International	LSIT	0	0	0	0	0	0	0	0	0	0
113	Phra Khanong Internatio	PNIT	0	0	0	0	0	2.4	9.04	0.5	1.28	0.28
114	Lat Ya International	LYIT	0.24	1.14	0.9	1.9	7.64	0	0	0	0	0
	IC Total		136.71	381.93	187.41	395.06	621.29	544.54	1133.95	439.74	519.99	226.02

10-1 BMA Traffic Matrix in 1992(9/24)

NO	Switch Unit Name	ABBR	41	42	43	44	45	46	47	48	49	50
			RKH1	BGC1	LKG1	BNA1	BNA2	BNA3	SPK1	SPK2	SPK3	BGU1
1	Phloen Chit 1	PNC1	1.44	4.19	4.36	6.53	4.11	1.41	1.38	1.58	1.8	1.96
2	Phloen Chit 2	PNC2	1.43	4.36	1.74	4.93	3.88	1.33	0.9	0.37	0.43	0.46
3	Phloen Chit 3	PNC3	5.72	11.26	7.25	16.49	17.33	5.95	3.14	1.93	2.2	2.39
4	Asok Din Daeng 1	ASD1	1.25	2.67	0.49	4.13	1.89	0.65	0.92	0.15	0.17	0.19
5	Asok Din Daeng 2	ASD2	4.33	11.07	2.75	9.22	7.5	2.58	3.03	1.68	1.91	2.08
6	Sukhumwit 1	SKW1	5.55	14.66	5.73	22.88	15.95	5.48	4.98	6.07	6.91	7.53
7	Samran Rat 1	SRR1	0.79	2.3	1.29	0.86	1.38	0.48	0.39	2.31	2.63	2.86
8	Samran Rat 2	SRR2	0.54	2.03	0.91	2.12	0.96	0.33	1.18	0.77	0.88	0.96
9	Samran Rat 3	SRR3	0.89	3.45	1.4	2.94	1.53	0.53	1.2	0.9	1.02	1.11
10	Samran Rat 4	SRR4	1.63	7.45	3.16	7.93	3.27	1.12	3.63	3.56	4.05	4.41
11	Krung Kasem 2	KKM2	1.33	3.28	0.74	3.2	1.48	0.51	0.96	0.56	0.63	0.69
12	Krung Kasem 3	KKM3	0.58	7.45	1.43	3.3	5.96	2.05	3.41	0.91	1.04	1.13
13	Samsen 1	SMS1	0.78	1.5	0.53	0.9	0.85	0.29	0.21	0.29	0.32	0.35
14	Samsen 2	SMS2	0.53	1.2	0.26	1.27	1.16	0.4	0.41	0.12	0.14	0.15
15	Pathum Wan 1	PTW1	0.4	1.33	0.72	1.98	1.66	0.57	0.33	0.3	0.34	0.37
16	Pathum Wan 2	PTW2	1.3	5.46	1.2	5.32	3.23	1.11	1.12	0.67	0.76	0.83
17	Surawong 1	SRW1	1.73	4.32	1.87	5.41	6.15	2.11	1.82	0.75	0.86	0.94
18	Surawong 2	SRW2	1.01	3.4	0.95	5.86	3.26	1.12	1.7	1	1.13	1.24
19	Surawong 3	SRW3	1.19	4.74	1.63	5.21	4.15	1.42	1.22	0.98	1.11	1.21
20	Surawong 4	SRW4	1.85	7.46	2.55	9.35	5.91	2.03	2.3	2.53	2.88	3.14
21	Surawong 5	SRW5	0.29	1.16	0.4	1.45	0.92	0.32	0.36	0.39	0.45	0.49
22	Chaiyaphruk 1	CYP1	1.3	3.96	3.04	6.75	7.13	2.45	1	0.58	0.66	0.72
23	Chaiyaphruk 2	CYP2	1.88	5.01	2.07	7.31	7.69	2.64	1.65	0.58	0.66	0.71
24	Phra Khanong 1	PKG1	0.58	1.75	1.2	6	6.3	2.16	1.35	1	1.14	1.24
25	Phra Khanong 2	PKG2	1.3	1.89	1.6	8.64	9.08	3.12	2.07	0.56	0.64	0.7
26	On Nut 1	ONT1	2.5	4.7	3.95	7.99	5.82	2	1.37	0.69	0.78	0.86
27	Trok Chan 1	TKC1	0.68	1.77	0.45	2.16	1.63	0.56	0.92	0.18	0.2	0.22
28	Trok Chan 2	TKC2	0.78	2.2	0.59	3.24	1.94	0.67	0.71	0.44	0.51	0.55
29	Thung Mahamek 1	TMM1	0.44	0.9	0.59	1.75	3.18	1.09	0.24	0.32	0.37	0.4
30	Thung Mahamek 2	TMM2	0.33	0.66	0.44	1.3	2.35	0.81	0.18	0.24	0.27	0.3
31	Sathupradit 1	STD1	0.06	0.38	0.25	0.67	0.55	0.19	0.15	0.06	0.07	0.07
32	Sathupradit 2	STD2	0.53	1.98	0.63	3.4	2.09	0.72	0.64	0.69	0.79	0.86
33	Thanon Tok 1	TNT1	0.17	0.56	0.72	1.37	1.04	0.36	0.21	0.17	0.19	0.21
34	Thanon Tok 2	TNT2	0.37	1.18	1.51	2.89	2.19	0.75	0.45	0.35	0.4	0.43
35	Khlong Toei 1	KT11	1.14	4.76	1.74	8.56	5.96	2.05	2.32	2.4	2.74	2.98
36	Hua Mak 1	HAM1	1.54	6.09	1.64	2.97	3.13	1.07	0.77	0.65	0.74	0.81
37	Hua Mak 2	HAM2	5.71	14.18	4.28	9.67	6.33	2.18	2.33	2.26	2.58	2.81
38	Khlong Chan 1	KGC1	5.6	9.54	0.83	3.45	3.62	1.24	0.6	0.15	0.17	0.19
39	Khlong Chan 2	KGC2	7.86	13.12	1.22	4.79	3.56	1.22	1.05	0.48	0.54	0.59
40	Khlong Chan 3	KGC3	1.7	2.83	0.26	1.03	0.77	0.26	0.23	0.1	0.12	0.13
41	Ramkamhaeng 1	RKH1	1.96	3.28	0.31	1.2	0.89	0.31	0.26	0.12	0.14	0.15
42	Bang Chan 1	BGC1	2.89	82.72	4.15	4.04	2.74	0.94	0.61	0.72	0.82	0.9
43	Lat Krabang 1	LKG1	0.44	4.3	16.7	1.8	1.44	0.49	0.39	0.3	0.35	0.38
44	Bang Na 1	BNA1	1.3	2.71	1.63	26.58	15.66	5.38	3.54	0.55	0.63	0.68
45	Bang Na 2	BNA2	0.97	4.18	1.51	18.98	17.64	6.06	2.72	1.04	1.19	1.29
46	Bang Na 3	BNA3	0.33	1.44	0.52	6.52	6.06	2.08	0.94	0.36	0.41	0.44
47	Samut Prakan 1	SPK1	0.14	0.35	0.73	1.98	2.09	0.72	6.6	4.7	5.35	5.83
48	Samut Prakan 2	SPK2	0.16	0.55	0.17	1.88	1.43	0.49	7.72	3.79	4.31	4.7
49	Samut Prakan 3	SPK3	0.18	0.63	0.2	2.14	1.63	0.56	8.79	4.31	4.91	5.35
50	Bang Pu 1	BGU1	0.19	0.69	0.21	2.33	1.78	0.61	9.58	4.7	5.35	5.83
51	Pu Chao Saming Phrai 1	PSP1	0.96	5.4	1.14	11.09	11.67	4.01	6.03	1.18	1.34	1.46
52	Pu Chao Saming Phrai 2	PSP2	1.08	4.64	1.14	13.26	5.2	1.79	6.1	2.98	3.4	3.7
53	Bang Phli 1	BPL1	1.02	5.55	3.18	14.84	9.27	3.18	4.48	1.75	1.99	2.17
54	Bang Phli 2	BPL2	0.27	1.24	0.71	3.31	2.07	0.71	1	0.39	0.44	0.48
55	Bang Phli Bang Bo 1	BBB1	0.34	1.56	0.89	4.17	2.6	0.89	1.26	0.49	0.56	0.61
56	Thon Buri 1	TNB1	0.59	2	0.51	3.13	1.94	0.67	1.22	0.73	0.84	0.91
57	Lat Ya T8	LYT8	0.86	2.92	0.62	3.26	2.41	0.83	1.26	0.55	0.63	0.68
58	Phasi Charoen 1	PSN1	0.33	0.75	0.24	0.84	0.42	0.14	0.29	0.03	0.04	0.04

10-1 BMA Traffic Matrix in 1992(10/24)

NO	Switch Unit Name	ABBR	41	42	43	44	45	46	47	48	49	50
			RKH1	BGC1	LKG1	BNA1	BNA2	BNA3	SPK1	SPK2	SPK3	BGU1
59	Phasi Charoen 2	PSN2	0.28	2.3	0.88	1.04	1.11	0.38	0.45	0.42	0.47	0.52
60	Bang Phlat 1	BGT1	0.84	2.25	0.59	2.78	1.18	0.41	0.72	0.2	0.23	0.25
61	Bang Phlat 2	BGT2	2.82	4.82	1.55	4.55	10.9	3.74	1.16	0.49	0.55	0.6
62	Bang Phlat 3	BGT3	0.11	0.18	0.06	17	0.42	0.14	0.04	0.02	0.02	0.02
63	Bang Bue Thong 1	BBT1	0.37	0.63	0.2	0.59	1.42	0.49	0.15	0.06	0.07	0.08
64	Bang Bue Thong 2	BBT2	0.07	0.12	0.04	0.12	0.28	0.1	0.03	0.01	0.01	0.02
65	Charan Sanitwong 1	CSW1	0.37	1.09	0.19	1.09	1.12	0.38	0.36	0.14	0.16	0.17
66	Charan Sanitwong 2	CSW2	0.89	2.46	0.47	2.65	1.39	0.48	0.53	0.3	0.34	0.37
67	Bang Khae 1	BKE1	0.04	1.24	0.28	0.69	0.56	0.19	0.31	0.12	0.14	0.15
68	Bang Khae 2	BKE2	0.22	0.6	0.27	0.88	0.99	0.34	0.22	0.25	0.29	0.31
69	Nong Khaem 1	NGK1	0.41	1.82	0.52	1.78	1.18	0.4	0.43	0.46	0.52	0.57
70	Muban Sattakit 1	MSK1	0.33	1.45	0.41	1.41	0.93	0.32	0.34	0.37	0.42	0.45
71	Dao khanong 1	DKN1	0.44	1.09	0.65	1.84	2.09	0.72	0.58	0.5	0.57	0.63
72	Dao khanong 2	DKN2	0.23	0.56	0.34	0.95	1.07	0.37	0.3	0.26	0.29	0.32
73	Phra Pradaeng 1	PPG1	0.05	0.14	0.06	0.39	0.14	0.05	0.7	0.17	0.2	0.22
74	Phra Pradaeng 2	PPG2	0.63	2.32	0.75	3.72	2.86	0.98	3.13	1.47	1.68	1.83
75	Ekkachai 1	EKC1	0.92	4.29	1.02	3.35	2.87	0.98	1.34	0.87	0.99	1.08
76	Ekkachai 2	EKC2	0.14	0.67	0.16	0.53	0.45	0.15	0.21	0.14	0.16	0.17
77	Rat Burana 1	RBN1	0.67	2.59	1.05	3.58	2.15	0.74	1.24	0.74	0.85	0.92
78	Phahonyothin 1	PYT1	1.8	4.87	1.37	3.17	2.21	0.76	1.43	0.74	0.84	0.92
79	Phahonyothin 2	PYT2	0.44	1.68	0.25	1.36	0.78	0.27	0.31	0.17	0.19	0.21
80	Phahonyothin T2	PYTT2	1.62	4.74	2.09	4.38	2.36	0.81	0.97	0.47	0.53	0.58
81	Inthamara 1	ITM1	1	2.67	0.65	2.37	2.49	0.85	0.47	0.25	0.29	0.31
82	Inthamara 2	ITM2	1.77	4.7	1.14	4.17	4.37	1.5	82	44	0.5	0.55
83	Bang Khon 1	BGN1	1.19	4.09	0.87	1.89	1.25	0.43	0.45	0.11	0.12	0.13
84	Bang Khon 2	BGN2	1.72	5.93	1.27	2.75	1.81	0.62	0.65	0.16	0.18	0.19
85	Lat Phrao 1-1	LTP1-1	0.76	1.91	0.24	1.22	0.43	0.15	0.26	0.08	0.09	0.1
86	Lat Phrao 1-2	LTP1-2	2.79	8.14	1.2	4.78	3.79	1.3	0.99	0.77	0.87	0.95
87	Lat Phrao 2-1	LTP2-1	0.19	4	0.03	0.49	0.44	0.15	0.25	0.02	0.02	0.02
88	Lat Phrao 2-1	LTP2-2	3.12	8.04	0.88	4.4	2.96	1.02	0.8	0.41	0.46	0.5
89	Don Muang 1	DNM1	0.52	1.05	0.38	0.95	0.59	0.2	0.2	0.02	0.03	0.03
90	Don Muang 2	DNM2	1.12	4.73	0.61	3.17	1.77	0.61	0.91	0.42	0.48	0.52
91	Thanyaburi 1	TYB1	0.11	0.47	0.06	0.31	0.17	0.06	0.09	0.04	0.05	0.05
92	Rangsit 1	RST1	0.25	1.05	0.14	0.7	0.39	0.14	0.2	0.09	0.11	0.12
93	Nawa Nakhon 1	NWN1	0.4	1.02	0.94	1.23	0.93	0.32	0.23	0.38	0.43	0.47
94	Bang Su 1	BGS1	0.83	2.58	0.82	1.72	1.4	0.48	0.33	0.33	0.37	0.41
95	Bang Su 2	BGS2	0.52	2.11	0.59	1.35	0.91	0.31	0.33	0.27	0.31	0.34
96	Ngam Wong Wan 1	NWW1	0.21	0.83	0.34	0.71	0.39	0.14	0.29	0.05	0.06	0.07
97	Ngam Wong Wan 2	NWW2	1.74	4.96	0.76	3.47	2.36	0.81	0.62	0.36	0.41	0.45
98	Nonthaburi 1	NTB1	0.51	0.32	0.41	0.35	0.19	0.07	0.13	0.01	0.02	0.02
99	Nonthaburi 2	NTB2	1.39	0.87	1.11	0.95	0.51	0.18	0.35	0.04	0.04	0.05
100	Lak Si 1	LKS1	0.72	2.52	0.48	1.02	1.25	0.43	0.22	0.11	0.12	0.14
101	Lak Si T4	LKST4	0.75	3.09	0.54	1.64	2.39	0.82	0.43	0.36	0.41	0.45
102	Lak Si 2	LKS2	0.09	0.39	0.07	0.21	0.3	0.1	0.05	0.05	0.05	0.06
103	Ram Inthra 1	RIT1	1.88	8.65	0.64	2.5	1.9	0.65	0.51	0.23	0.26	0.28
104	Ram Inthra 2	RIT2	0.26	1.22	0.09	0.35	0.27	0.09	0.07	0.03	0.04	0.04
105	Pak Kret 1	PKK1	0.79	3.01	0.45	2.07	1.31	0.45	0.59	0.42	0.47	0.52
106	Pathum Thani 1	PTT1	0.35	1.35	0.2	0.93	0.59	0.2	0.27	0.19	0.21	0.23
107	Bang Phun 1	BAN1	0.13	0.51	0.08	0.35	0.22	0.08	0.1	0.07	0.08	0.09
108	Chaeng Watthana 1	CWT1	1.24	3.22	0.61	2.94	1.31	0.45	0.61	0.25	0.29	0.32
109	Lak Si TC	LSTC	0	16.94	0	0	0	0	0	0	0	0
110	Phra Khanong TC	PNTC	6.24	0	10.76	18.15	22.95	7.88	11.43	7.62	8.68	9.46
111	Lat Ya TC	LYTC	0	0	0	0	0	0	0	0	0	0
112	Lak Si International	LSIT	0	0.13	0	0	0	0	0	0	0	0
113	Phra Khanong Internatio	PNIT	0.32	0	1.83	2.16	3.74	1.28	0.56	0.44	0.5	0.55
114	Lat Ya International	LYIT	0	0	0	0	0	0	0	0	0	0
	IC Total		129.64	449.52	144.32	453.72	355.67	122.16	234.96	134.36	103.4	112.68

10-1 BMA Traffic Matrix in 1992(11/24)

NO	Switch Unit Name	ABBR	51	52	53	54	55	56	57	58	59	60
			PSP1	PSP2	BPL1	BPL2	BBB1	TNB1	LTYT8	PSN1	PSN2	BGT1
1	Phloen Chit 1	PNC1	5.16	4.96	5.14	1.15	1.44	5.79	5.46	1.4	2.51	6.38
2	Phloen Chit 2	PNC2	3.97	3.79	4.94	1.1	1.39	5.67	5.82	1.46	1.5	5.53
3	Phloen Chit 3	PNC3	14.25	24.98	15.73	3.51	4.42	22.31	27.75	5.12	10.24	17.24
4	Asok Din Daeng 1	ASD1	3.55	1.79	3.76	0.84	1.05	4.89	5.13	0.98	2.13	5.36
5	Asok Din Daeng 2	ASD2	8.51	6.61	7.5	1.67	2.11	17.47	14.64	3.87	3.87	16.39
6	Sukhumwit 1	SKW1	18.47	17.63	22.56	5.03	6.33	18.03	18.13	4.88	3.57	13.94
7	Samran Rat 1	SRR1	0.77	1.35	4.03	0.9	1.13	11.96	7.64	0.62	1.3	6.28
8	Samran Rat 2	SRR2	2.7	2.28	1.41	0.31	0.4	10.58	9.74	1.72	1.61	7.55
9	Samran Rat 3	SRR3	4.71	3.51	1.83	0.41	0.51	10.05	10.68	2.56	1.57	6.81
10	Samran Rat 4	SRR4	7.98	4.4	6.59	1.47	1.85	23.46	25.32	5.65	3.17	13.92
11	Krung Kasem 2	KKM2	2.72	3.66	3.32	0.74	0.93	9.52	7.66	1.73	1.84	11.9
12	Krung Kasem 3	KKM3	2.03	2.84	3.91	0.87	1.1	11.05	4.99	1.15	2.5	15.32
13	Samsen 1	SMS1	0.51	0.28	0.81	0.18	0.23	5.64	2.56	1.23	2.16	6.93
14	Samsen 2	SMS2	0.77	0.4	1.45	0.32	0.41	2.93	1.99	0.57	0.79	4.31
15	Pathum Wan 1	PTW1	2.1	1.43	2.49	0.55	0.7	3.64	3.69	0.97	0.68	2.35
16	Pathum Wan 2	PTW2	4.14	3.44	8.61	1.92	2.42	9.16	7.26	2.37	2.11	7.12
17	Surawong 1	SRW1	7.44	4.26	4.05	0.9	1.14	7.6	8.4	0.26	2.67	4.55
18	Surawong 2	SRW2	6.93	4.2	4.63	1.03	1.3	7.66	7.31	0.38	2.88	5
19	Surawong 3	SRW3	5.55	2.5	6.94	1.55	1.95	5.68	8.02	0.92	1.82	5.18
20	Surawong 4	SRW4	9.98	8.8	7.55	1.68	2.12	14.46	14.4	4.18	3.01	8.17
21	Surawong 5	SRW5	1.55	1.37	1.17	0.26	0.33	2.25	2.24	0.65	0.47	1.27
22	Chaiyaphruk 1	CYP1	4.28	7.51	6.38	1.42	1.79	3.6	4.48	1.07	1.25	3.55
23	Chaiyaphruk 2	CYP2	4.78	8.41	4.94	1.1	1.39	5.31	6.61	0.98	0.73	3.94
24	Phra Khanong 1	PKG1	2.86	5.03	2.96	0.66	0.83	1.48	1.85	0.71	0.64	1.48
25	Phra Khanong 2	PKG2	4.31	7.51	5.4	1.2	1.52	2.97	3.09	0.75	1.87	2.16
26	On Nut 1	ONT1	4.59	3.36	6.3	1.41	1.77	5.17	4.09	1.59	1.02	3.8
27	Trok Chan 1	TKC1	2.43	2.22	3.56	0.79	1	4.11	4.24	3.58	2.39	7.71
28	Trok Chan 2	TKC2	2.11	2.24	2.37	0.53	0.67	7.17	5.08	1.46	0.89	2.54
29	Thung Mahamek 1	TMM1	1.94	1.53	1.1	0.25	0.31	2.51	2.22	0.75	0.73	1.06
30	Thung Mahamek 2	TMM2	1.44	1.14	0.82	0.18	0.23	1.86	1.64	0.56	0.54	0.79
31	Sathupradit 1	STD1	1.04	1.27	0.62	0.14	0.17	0.69	0.44	0.54	0.16	0.24
32	Sathupradit 2	STD2	3.47	2.6	5.03	1.12	1.41	4.27	4.63	1.65	0.83	2.13
33	Thanon Tok 1	TNT1	1.59	1.22	0.92	0.21	0.26	2.52	3.23	0.6	1.55	1.23
34	Thanon Tok 2	TNT2	3.34	2.57	1.94	0.43	0.54	5.3	6.8	1.27	3.27	2.59
35	Khlong Toei 1	KT11	6.41	6.37	7.11	1.58	2	5.22	5.64	1.61	1.77	4.25
36	Hua Mak 1	HAM1	3.35	5.9	5.08	1.13	1.43	2.87	3.57	0.73	1.26	4.17
37	Hua Mak 2	HAM2	8.3	5.71	14.31	3.19	4.02	7.69	8.07	3.32	3.74	7.85
38	Khlong Chan 1	KGC1	2.37	4.15	4.74	1.06	1.33	2.43	3.02	0.7	2.25	3.58
39	Khlong Chan 2	KGC2	3.17	2.3	5.94	1.32	1.67	4.69	3.21	1.18	1.02	4.01
40	Khlong Chan 3	KGC3	0.68	0.5	1.28	0.29	0.36	1.01	0.69	0.26	0.22	0.86
41	Ramkamaeng 1	RKH1	0.79	0.57	1.48	0.33	0.42	1.17	0.8	0.3	0.25	1
42	Bang Chan 1	BGC1	3.3	3.09	6.01	1.34	1.69	2.8	2.56	1.11	2.91	3.1
43	Lat Krabang 1	LKG1	1.57	1.63	3.91	0.87	1.1	1.26	1.32	0.71	1.95	0.88
44	Bang Na 1	BNA1	12.84	22.57	12.75	2.84	3.58	5.29	6.58	0.92	0.81	2.87
45	Bang Na 2	BNA2	7.92	7.06	11.78	2.62	3.31	3.93	2.57	1.28	0.83	2.59
46	Bang Na 3	BNA3	2.72	2.42	4.04	0.9	1.14	1.35	0.88	0.44	0.29	0.89
47	Samut Prakan 1	SPK1	4.56	8.01	3.16	0.7	0.89	0.85	1.06	0.15	0.67	0.34
48	Samut Prakan 2	SPK2	3.68	3.88	1.79	0.4	0.5	0.76	0.56	0.22	0.59	0.4
49	Samut Prakan 3	SPK3	4.19	4.41	2.04	0.45	0.57	0.87	0.64	0.25	0.67	0.45
50	Bang Pu 1	BGU1	4.56	4.81	2.22	0.5	0.62	0.95	0.7	0.27	0.73	0.49
51	Pu Chao Saming Phrai 1	PSP1	27.49	24.43	12.22	2.72	3.43	3.38	4.2	1.47	0.81	2.05
52	Pu Chao Saming Phrai 2	PSP2	31.34	33	14.61	3.26	4.1	3.68	2.94	1.63	1.74	2.36
53	Bang Phli 1	BPL1	12.97	10.74	51.61	11.5	14.49	2.56	2.12	1.02	2.27	1.62
54	Bang Phli 2	BPL2	2.89	2.39	11.5	2.56	3.23	0.57	0.47	0.23	0.51	0.36
55	Bang Phli Bang Bo 1	BBB1	3.64	3.02	14.49	3.23	4.07	0.72	0.6	0.29	0.64	0.46
56	Thon Buri 1	TNB1	2.17	1.24	1.54	0.34	0.43	56.56	18.56	4.52	3.64	7.41
57	Lat Ya T8	LTYT8	3.01	2.16	3.36	0.75	0.94	31.1	59.09	5.22	4.27	7.17
58	Phasi Charoen 1	PSN1	1.02	0.49	0.87	0.19	0.24	5.44	3.04	14.03	10.99	4.1

10-1 BMA Traffic Matrix in 1992(12/24)

NO	Switch Unit Name	ABBR	51	52	53	54	55	56	57	58	59	60
			PSP1	PSP2	BPL1	BPL2	BBB1	TNB1	LTYT8	PSN1	PSN2	BGT1
59	Phasi Charoen 2	PSN2	1.49	1.86	1.75	0.39	0.49	5.98	4.74	11.5	15.94	3.59
60	Bang Phlat 1	BGT1	2.4	1.15	2.51	0.56	0.7	9.69	5.8	2.04	2.27	25.32
61	Bang Phlat 2	BGT2	5.32	3.57	7.55	1.68	2.12	26.57	16.47	4.72	9.42	54.45
62	Bang Phlat 3	BGT3	0.2	0.14	0.29	0.06	0.08	1.01	0.63	0.18	0.36	2.08
63	Bang Bue Thong 1	BBT1	0.69	0.46	0.98	0.22	0.28	3.45	2.14	0.61	1.23	7.08
64	Bang Bue Thong 2	BBT2	0.14	0.09	0.19	0.04	0.05	0.68	0.42	0.12	0.24	1.39
65	Charan Sanitwong 1	CSW1	0.7	1.04	0.76	0.17	0.21	9.66	4.33	1.22	2.2	6.06
66	Charan Sanitwong 2	CSW2	2.03	1.77	1.98	0.44	0.55	17.21	10.93	5.57	4.06	11.47
67	Bang Khae 1	BKE1	0.65	0.65	0.35	0.08	0.1	7.98	5.71	4.22	4.11	3.05
68	Bang Khae 2	BKE2	1.22	0.58	1.23	0.27	0.35	9.38	0.35	4.55	2.66	3.04
69	Nong Khaem 1	NGK1	2.04	3.18	1.93	0.43	0.54	6.39	7.39	8.83	7.76	4.93
70	Muban Settakit 1	MSK1	1.62	2.53	1.53	0.34	0.43	5.07	5.86	7.01	6.16	3.92
71	Dao khanong 1	DKN1	1.94	2.46	1.17	0.26	0.33	9.92	10.27	1.95	1.55	3.55
72	Dao khanong 2	DKN2	1	1.27	0.6	0.13	0.17	5.1	5.27	1	0.8	1.83
73	Phra Pradaeng 1	PPG1	1.64	1.47	0.73	0.16	0.21	1.33	0.27	0.34	0.2	0.31
74	Phra Pradaeng 2	PPG2	8.29	6.66	4.17	0.93	1.17	8.6	8.1	2.18	3.16	3.02
75	Ekkachai 1	EKC1	5.67	6.32	3.93	0.88	1.1	33.36	26.45	12.17	9.44	8.72
76	Ekkachai 2	EKC2	0.89	0.99	0.62	0.14	0.17	5.23	4.15	1.91	1.48	1.37
77	Rat Burana 1	RBN1	1.54	5.53	4.47	1	1.26	18.68	17.06	3.83	2.57	5.17
78	Phahonyothin 1	PYT1	2.87	2.13	3.08	0.69	0.87	5.02	4.86	1.13	0.51	6.38
79	Phahonyothin 2	PYT2	1.25	1	1.19	0.27	0.33	1.05	1.74	0.42	0.24	2.31
80	Phahonyothin T2	PYTT2	3.22	2.5	2.98	0.66	0.84	6.1	5.71	1.2	1.9	7.37
81	Inthamara 1	ITM1	2.27	1.31	1.19	0.26	0.33	2.38	2.38	0.55	0.33	1.98
82	Inthamara 2	ITM2	3.99	2.3	2.09	0.47	0.59	4.18	4.19	0.96	0.58	3.48
83	Bang Khen 1	BGN1	1.52	1.15	2.07	0.46	0.58	2.37	2.52	0.62	0.38	3.56
84	Bang Khen 2	BGN2	2.2	1.66	3	0.67	0.84	3.44	3.65	0.9	0.55	5.17
85	Lat Phrao 1-1	LTP1-1	0.74	0.13	1.6	0.36	0.45	0.76	1.26	0.47	0.78	1.75
86	Lat Phrao 1-2	LTP1-2	5.27	3.12	4.95	1.1	1.39	6.61	5.11	1.8	1.25	7.85
87	Lat Phrao 2-1	LTP2-1	0.37	0.07	0.31	0.07	0.09	0.71	0.58	0.08	0.37	1
88	Lat Phrao 2-1	LTP2-2	2.96	3.31	3.68	0.82	1.03	4.19	4.87	1.31	2.61	5.97
89	Don Muang 1	DNM1	0.79	0.07	0.62	0.14	0.18	1.54	1.42	0.55	0.64	0.92
90	Don Muang 2	DNM2	2.34	1.95	2.16	0.48	0.61	3.88	3.7	1.23	1.27	3.94
91	Thanyaburi 1	TYB1	0.23	0.19	0.21	0.05	0.06	0.38	0.36	0.12	0.13	0.39
92	Rangsit 1	RST1	0.52	0.43	0.48	0.11	0.13	0.86	0.82	0.27	0.28	0.87
93	Nawa Nakhon 1	NWN1	1.91	3.4	2.4	0.53	0.67	0.78	0.85	0.29	0.6	1.43
94	Bang Su 1	BGS1	1.36	1.32	1.63	0.36	0.46	3.43	3	0.95	1.02	5.41
95	Bang Su 2	BGS2	2.3	2.19	1.78	0.4	0.5	2.89	2.04	0.75	1.06	3.5
96	Ngam Wong Wan 1	NWW1	0.74	0.69	0.27	0.06	0.08	1.3	0.79	0.36	0.3	1.96
97	Ngam Wong Wan 2	NWW2	2.18	1.98	2.79	0.62	0.78	5.22	3.95	1.52	2.87	8.36
98	Nonthaburi 1	NTB1	0.09	0.32	0.45	0.1	0.13	0.53	0.84	0.21	0.29	2.31
99	Nonthaburi 2	NTB2	0.25	0.86	1.21	0.27	0.34	1.43	2.27	0.57	0.78	6.22
100	Lak Si 1	LKS1	0.87	1.88	2.25	0.5	0.63	2.07	1.41	0.58	1.53	1.48
101	Lak Si T4	LKST4	1.65	2.9	1.68	0.37	0.47	1.78	2.21	0.67	1.3	1.68
102	Lak Si 2	LKS2	0.21	0.36	0.21	0.05	0.06	0.22	0.28	0.08	0.16	0.21
103	Ram Inthra 1	RIT1	1.64	1.53	2.02	0.45	0.57	3.17	2.32	0.81	0.56	2.47
104	Ram Inthra 2	RIT2	0.23	0.22	0.29	0.06	0.08	0.45	0.33	0.11	0.08	0.35
105	Pak Kret 1	PKK1	2.05	2.06	1.99	0.44	0.56	3.71	2.62	0.89	0.85	4.55
106	Pathum Thani 1	PTT1	0.92	0.93	0.89	0.2	0.25	1.67	1.18	0.4	0.38	2.05
107	Bang Phun 1	BAN1	0.35	0.35	0.34	0.08	0.09	0.63	0.44	0.15	0.15	0.77
108	Chaeng Watthana 1	CWT1	1.54	1.58	2.18	0.49	0.61	4.12	3.02	0.99	0.94	4.51
109	Lak Si TC	LSTC	0	0	0	0	0	0	0	0	0	0
110	Phra Khanong TC	PNTC	18.11	37.34	36.52	8.14	10.25	0	0	0	0	0
111	Lat Ya TC	LYTC	0	0	0	0	0	26.25	31.1	11.3	27.38	21.66
112	Lak Si International	LSIT	0	0	0	0	0	0	0	0	0	0
113	Phra Khanong Internatio	PNIT	3	8.57	3.69	0.82	1.04	0	0	0	0	0
114	Lat Ya International	LYIT	0	0	0	0	0	1.51	2.55	0.51	1.66	0.72
	IC Total		416.32	443.46	487.54	108.63	136.91	693.83	620.83	206.74	242.44	540.91

10-1 BMA Traffic Matrix in 1992(13/24)

NO	Switch Unit Name	ABBR	61	62	63	64	65	66	67	68	69	70
			BGT2	BGT3	BBT1	BBT2	CSW1	CSW2	BKE1	BKE2	NGK1	MSK1
1	Phloen Chit 1	PNC1	9.95	0.38	1.29	0.25	2.51	4.28	2.02	1.38	4.48	3.56
2	Phloen Chit 2	PNC2	5.78	0.22	0.75	0.15	2.11	3.57	1.85	1.43	3.88	3.08
3	Phloen Chit 3	PNC3	53.27	2.03	6.93	1.36	6.58	12.5	4.95	6.2	16.2	12.86
4	Asok Din Daeng 1	ASD1	8.68	0.33	1.13	0.22	3.39	3.2	1.84	1.91	2.33	1.85
5	Asok Din Daeng 2	ASD2	27.7	1.06	3.6	0.7	9.86	12.21	3.56	5.05	9.88	7.85
6	Sukhumwit 1	SKW1	22.13	0.84	2.88	0.56	5.13	11.35	4.65	4.24	10.77	8.55
7	Samran Rat 1	SRR1	14.34	0.55	1.86	0.36	4.05	6.48	2.49	2.01	4.27	3.39
8	Samran Rat 2	SRR2	13.79	0.53	1.79	0.35	3.56	5.63	2.62	2.78	5.06	4.02
9	Samran Rat 3	SRR3	12.96	0.49	1.69	0.33	3.16	5.72	2.62	2.8	7.49	5.94
10	Samran Rat 4	SRR4	23.01	0.88	2.99	0.59	5.67	12.72	6.55	7.12	21.73	17.25
11	Krung Kasem 2	KKM2	13.77	0.53	1.79	0.35	6.14	7.45	3.98	2.77	4.64	3.68
12	Krung Kasem 3	KKM3	27.23	1.04	3.54	0.69	5.58	14.79	3.24	3.23	2.77	2.2
13	Samsen 1	SMS1	5.06	0.91	0.66	0.13	1.62	2.04	0.79	0.93	1.67	1.33
14	Samsen 2	SMS2	7	0.27	0.91	0.18	1.47	2.25	0.92	0.84	1.53	1.21
15	Pathum Wan 1	PTW1	2.88	0.11	0.37	0.07	0.95	1.61	1	0.94	2.03	1.61
16	Pathum Wan 2	PTW2	10.47	0.4	1.36	0.27	2.64	5.67	2.14	2.95	6.31	5.01
17	Surawong 1	SRW1	8.18	0.31	1.06	0.21	0.29	0.02	1.55	2.31	7.93	6.3
18	Surawong 2	SRW2	8.23	0.31	1.07	0.21	0.38	3.91	1.83	1.82	4.9	3.89
19	Surawong 3	SRW3	10.4	0.4	1.35	0.26	1.37	2.75	1.87	2.16	7.34	5.83
20	Surawong 4	SRW4	14.01	0.53	1.82	0.36	3.05	6.91	3.73	2.71	10.76	8.54
21	Surawong 5	SRW5	2.18	0.08	0.28	0.06	0.47	1.07	0.58	0.42	1.67	1.33
22	Chaiyaphruk 1	CYP1	10.92	0.42	1.42	0.28	1.05	3.41	1.12	0.36	1.62	1.29
23	Chaiyaphruk 2	CYP2	11.21	0.43	1.46	0.29	1.45	4.71	0.76	1.32	1.36	1.08
24	Phra Khanong 1	PKG1	4.61	0.18	0.6	0.12	0.85	2.73	0.68	0.54	0.64	0.51
25	Phra Khanong 2	PKG2	6.62	0.25	0.86	0.17	1.26	4.07	0.67	0.99	1.28	1.02
26	On Nut 1	ONT1	8.18	0.31	1.06	0.21	1.13	2.09	1.54	0.89	2.93	2.33
27	Trok Chan 1	TKC1	4.17	0.16	0.54	0.11	2.54	1.38	3.68	2.09	3.03	2.4
28	Trok Chan 2	TKC2	4.06	0.16	0.53	0.1	1.54	2.72	1.91	2.06	2.85	2.26
29	Thung Mahamek 1	TMM1	2.31	0.09	0.3	0.06	0.74	1.02	0.5	0.77	1.42	1.13
30	Thung Mahamek 2	TMM2	1.71	0.07	0.22	0.04	0.55	0.76	0.37	0.57	1.05	0.84
31	Sathupradit 1	STD1	0.5	0.02	0.06	0.01	0.14	0.26	0.32	0.78	0.88	0.7
32	Sathupradit 2	STD2	3.88	0.15	0.5	0.1	0.94	2.58	1.3	2.06	5.27	4.18
33	Thanon Tok 1	TNT1	1.53	0.06	0.2	0.04	0.89	1	0.78	0.97	0.2	0.16
34	Thanon Tok 2	TNT2	3.22	0.12	0.42	0.08	1.87	2.1	1.65	2.05	0.43	0.34
35	Khlong Toei 1	KTI1	6.01	0.23	0.78	0.15	2.09	3.39	1.55	1.89	4.54	3.6
36	Hua Mak 1	HAM1	12.91	0.49	1.68	0.33	1.22	3.97	0.79	0.86	1.18	0.94
37	Hua Mak 2	HAM2	16.26	0.62	2.11	0.41	2.94	5.73	2.44	1.64	5.36	4.26
38	Khlong Chan 1	KGC1	11.08	0.42	1.44	0.28	1.72	5.57	0.83	0.8	1.03	0.82
39	Khlong Chan 2	KGC2	6.55	0.25	0.85	0.17	1.28	3.63	1.4	0.92	2.19	1.74
40	Khlong Chan 3	KGC3	1.41	0.05	0.18	0.04	0.28	0.78	0.3	0.2	0.47	0.38
41	Ramkamhaeng 1	RKH1	1.64	0.06	0.21	0.04	0.3	0.91	0.35	0.23	0.55	0.43
42	Bang Chan 1	BGC1	5.47	0.21	0.71	0.14	1.23	1.83	1.08	1.2	2.22	1.76
43	Lat Krabang 1	LKG1	0.94	0.04	0.12	0.02	0.38	0.32	0.7	1.16	0.8	0.63
44	Bang Na 1	BNA1	8.89	0.34	1.16	0.23	1.04	3.35	1.08	1.33	1.49	1.18
45	Bang Na 2	BNA2	4.08	0.16	0.53	0.1	0.82	2.94	0.8	1.08	2.71	2.15
46	Bang Na 3	BNA3	1.4	0.05	0.18	0.04	0.28	1.01	0.28	0.37	0.93	0.74
47	Samut Prakan 1	SPK1	1.06	0.04	0.14	0.03	0.34	1.1	0.44	0.22	0.18	0.15
48	Samut Prakan 2	SPK2	0.48	0.02	0.06	0.01	0.19	0.46	0.11	0.11	0.52	0.41
49	Samut Prakan 3	SPK3	0.54	0.02	0.07	0.01	0.22	0.53	0.12	0.13	0.59	0.47
50	Bang Pu 1	BGU1	0.59	0.02	0.08	0.02	0.24	0.57	0.13	0.14	0.65	0.51
51	Pu Chao Saming Phrai 1	PSP1	6.34	0.24	0.82	0.16	0.96	3.1	0.95	1.69	2.38	1.89
52	Pu Chao Saming Phrai 2	PSP2	3.99	0.15	0.52	0.1	1.01	2.31	0.97	1.3	3.63	2.88
53	Bang Phli 1	BPL1	4.56	0.17	0.59	0.12	0.84	2.57	0.94	0.68	2.93	2.33
54	Bang Phli 2	BPL2	1.02	0.04	0.13	0.03	0.19	0.57	0.21	0.15	0.65	0.52
55	Bang Phli Bang Bo 1	BBB1	1.28	0.05	0.17	0.03	0.24	0.72	0.26	0.19	0.82	0.65
56	Thon Buri 1	TNB1	17.49	0.67	2.27	0.44	6.76	12	7.97	7.59	9.36	7.43
57	Lat Ya T8	LTYT8	13.59	0.52	1.77	0.35	4.81	12.58	6.27	6.78	8.88	7.05
58	Phasi Charoen 1	PSN1	2.75	0.11	0.36	0.07	1.7	4.12	4.71	3.22	10.31	8.19

10-1 BMA Traffic Matrix in 1992(14/24)

NO	Switch Unit Name	ABBR	61	62	63	64	65	66	67	68	69	70
			BGT2	BGT3	BBT1	BBT2	CSW1	CSW2	BKE1	BKE2	NGK1	MSK1
59	Phasi Charoen 2	PSN2	4.42	0.17	0.57	0.11	1.92	4.29	4.03	3.16	10.54	8.37
60	Bang Phlat 1	BGT1	39.76	1.52	5.17	1.01	2.09	12.09	3.31	2.62	7.5	5.96
61	Bang Phlat 2	BGT2	119.44	4.56	15.53	3.04	15.13	22.32	6.07	8.9	19.25	15.28
62	Bang Phlat 3	BGT3	4.56	0.17	0.59	0.12	0.58	0.85	0.23	0.34	0.73	0.58
63	Bang Bue Thong 1	BBT1	15.53	0.59	2.02	0.4	1.97	2.9	0.79	1.16	2.5	1.99
64	Bang Bue Thong 2	BBT2	3.04	0.12	0.4	0.08	0.38	0.57	0.15	0.23	0.49	0.39
65	Charan Sanitwong 1	CSW1	13.87	0.53	1.8	0.35	9.9	16.74	2.88	3.67	4.59	3.65
66	Charan Sanitwong 2	CSW2	21.82	0.83	2.84	0.56	14.66	37.18	6.75	5.52	8.83	7.01
67	Bang Khae 1	BKE1	6.34	0.24	0.82	0.16	3.39	6.24	10.06	10.42	0.06	0.05
68	Bang Khae 2	BKE2	5.42	0.21	0.7	0.14	2.3	4.69	7.82	15.61	6.44	5.11
69	Nong Khaem 1	NGK1	7.44	0.28	0.97	0.19	3.65	5.39	4.68	5.9	49.32	39.16
70	Muban Setakit 1	MSK1	5.9	0.23	0.77	0.15	2.9	4.28	3.71	4.68	39.16	31.09
71	Dao khanong 1	DKN1	4.57	0.17	0.59	0.12	1.64	3.59	2.67	2.37	3.93	3.12
72	Dao khanong 2	DKN2	2.35	0.09	0.31	0.06	0.84	1.84	1.37	1.22	2.02	1.6
73	Phra Pradaeng 1	PPG1	0.57	0.02	0.07	0.01	0.06	0.19	0.52	0.51	0.34	0.27
74	Phra Pradaeng 2	PPG2	6.08	0.23	0.79	0.15	1.53	3.06	1.84	2.36	5.07	4.02
75	Ekkachai 1	EKC1	8.65	0.33	1.13	0.22	4.82	10.19	8.13	7.8	18.8	14.92
76	Ekkachai 2	EKC2	1.36	0.05	0.18	0.03	0.76	1.6	1.28	1.22	2.95	2.34
77	Rat Burana 1	RBN1	7.56	0.29	0.98	0.19	2.78	6.07	4.7	5.41	8.32	6.6
78	Phahonyothin 1	PYT1	12.67	0.48	1.65	0.32	2.41	5.02	1.16	1.4	3.34	2.65
79	Phahonyothin 2	PYT2	3.6	0.14	0.47	0.09	0.69	1.7	0.42	0.32	1.34	1.06
80	Phahonyothin T2	PYTT2	9.29	0.35	1.21	0.24	3.14	4.11	1.52	1.47	3.26	2.59
81	Inthamara 1	ITM1	5.75	0.22	0.75	0.15	1.23	3.01	0.77	0.59	1.54	1.22
82	Inthamara 2	ITM2	10.12	0.39	1.32	0.26	2.17	5.29	1.35	1.04	2.71	2.15
83	Bang Khen 1	BGN1	4.38	0.17	0.57	0.11	1.68	2.65	1.24	0.63	1.63	1.29
84	Bang Khen 2	BGN2	6.36	0.24	0.83	0.16	2.44	3.84	1.81	0.92	2.37	1.88
85	Lat Phrao 1-1	LTP1-1	3.76	0.14	0.49	0.1	0.81	0.98	0.41	0.71	0.83	0.66
86	Lat Phrao 1-2	LTP1-2	8.09	0.31	1.05	0.21	3	4.75	1.98	1.81	5.85	4.64
87	Lat Phrao 2-1	LTP2-1	0.32	0.01	0.04	0.01	0.05	0.4	0.13	0.15	0.03	0.02
88	Lat Phrao 2-1	LTP2-2	8.07	0.31	1.05	0.21	1.84	4.45	1.81	1.94	3.04	2.42
89	Don Muang 1	DNM1	2.15	0.08	0.28	0.05	0.67	0.59	0.45	0.34	0.72	0.57
90	Don Muang 2	DNM2	6.23	0.24	0.81	0.16	1.94	3.75	1.28	1.24	2.97	2.35
91	Thanyaburi 1	TYB1	0.61	0.02	0.08	0.02	0.19	0.37	0.13	0.12	0.29	0.23
92	Rangsit 1	RST1	1.38	0.05	0.18	0.04	0.43	0.83	0.28	0.27	0.66	0.52
93	Nawa Nakhon 1	NWN1	2.07	0.08	0.27	0.05	0.5	0.69	0.56	0.29	1.06	0.84
94	Bang Su 1	BGS1	10	0.38	1.3	0.25	2.1	4.39	1.31	1.05	2.85	2.27
95	Bang Su 2	BGS2	5.29	0.2	0.69	0.13	1.28	2.54	0.87	0.89	1.81	1.44
96	Ngam Wong Wan 1	NWW1	4.41	0.17	0.57	0.11	0.75	0.91	0.4	0.07	0.72	0.57
97	Ngam Wong Wan 2	NWW2	10.22	0.39	1.33	0.26	2.65	4.49	1.73	1.22	3.33	2.65
98	Nonthaburi 1	NTB1	2.6	0.1	0.34	0.07	0.42	1.99	0.4	0.16	0.09	0.07
99	Nonthaburi 2	NTB2	7.01	0.27	0.91	0.18	1.14	5.37	1.07	0.42	0.24	0.19
100	Lak Si 1	LKS1	5.22	0.2	0.68	0.13	0.57	1.46	0.56	0.24	0.99	0.78
101	Lak Si T4	LKST4	5.13	0.2	0.67	0.13	0.85	1.65	0.73	0.92	1.26	1
102	Lak Si 2	LKS2	0.64	0.02	0.08	0.02	0.11	0.21	0.09	0.12	0.16	0.13
103	Ram Inthra 1	RIT1	3.91	0.15	0.51	0.1	1.15	2.64	1.21	0.88	1.14	0.91
104	Ram Inthra 2	RIT2	0.55	0.02	0.07	0.01	0.16	0.37	0.17	0.12	0.16	0.13
105	Pak Kret 1	PKK1	6.07	0.23	0.79	0.15	1.43	4.64	1.12	1.52	1.58	1.25
106	Pathum Thani 1	PTT1	2.73	0.1	0.35	0.07	0.65	2.08	0.51	0.68	0.71	0.56
107	Bang Phun 1	BAN1	1.03	0.04	0.13	0.03	0.24	0.79	0.19	0.26	0.27	0.21
108	Chaeng Watthana 1	CWT1	6.76	0.26	0.88	0.17	2	2.77	1.28	0.95	2.06	1.64
109	Lak Si TC	LSTC	0	0	10.44	2.04	0	0	0	0	0	0
110	Phra Khanong TC	PNTC	0	0	0	0	0	0	0	0	0	0
111	Lat Ya TC	LYTC	80.29	3.06	0	0	9.6	36.73	9.7	15.14	16.87	13.39
112	Lak Si International	LSIT	0	0	0.48	0.09	0	0	0	0	0	0
113	Phra Khanong Internatio	PNIT	0	0	0	0	0	0	0	0	0	0
114	Lat Ya International	LYIT	3.7	0.14	0	0	0.13	0.66	0.48	1.02	3.01	2.39
	IC Total		1013.36	39.38	131.72	40.65	235.73	489.22	212.85	227.33	484.7	384.81

10-1 BMA Traffic Matrix in 1992(15/24)

NO	Switch Unit Name	ABBR	71	72	73	74	75	76	77	78	79	80
			DKN1	DKN2	PPG1	PPG2	EKC1	EKC2	RBN1	PYT1	PYT2	PYTT2
1	Phloen Chit 1	PNC1	2.87	1.48	1.01	3.46	5.66	0.89	4.98	10.78	3.4	11.15
2	Phloen Chit 2	PNC2	2.26	1.16	1.05	4.12	4.54	0.71	4.46	9.25	3.03	10.46
3	Phloen Chit 3	PNC3	8.45	4.34	3.03	9.02	19.57	3.07	15.15	32.96	10.02	62.1
4	Asok Din Daeng 1	ASD1	1.88	0.97	0.72	2.43	4.95	0.78	3.51	12.02	4.56	9.58
5	Asok Din Daeng 2	ASD2	6.31	3.24	1.92	6.76	13.41	2.1	11.36	28.38	10.43	25.56
6	Sukhumwit 1	SKW1	8.05	4.14	2.36	7.46	21.34	3.55	14.12	21.93	7.81	19.78
7	Samran Rat 1	SRR1	2.42	1.25	0.32	5.2	4.8	0.75	6.41	5.49	2.26	16.12
8	Samran Rat 2	SRR2	3.82	1.96	0.58	4.88	7.47	1.17	7.81	6.26	2.68	6
9	Samran Rat 3	SRR3	4.53	2.33	1.97	5.78	11.62	1.82	10.05	7.14	3	6.88
10	Samran Rat 4	SRR4	9.74	5.01	5.93	12.25	24.45	3.83	18	12.24	4	10.94
11	Krung Kasem 2	KKM2	3.42	1.76	0.63	2.03	6.34	0.99	5.63	12.45	9.21	13.07
12	Krung Kasem 3	KKM3	2.9	1.49	1.03	2.1	13.54	2.12	3.96	12.9	4.32	19.37
13	Samsen 1	SMS1	1.92	0.99	0.26	0.68	2.23	0.37	1.08	10.14	2.65	4.29
14	Samsen 2	SMS2	0.81	0.41	0.2	0.7	1.52	0.24	1.58	4.18	1.71	4.22
15	Pathum Wan 1	PTW1	1.87	0.96	0.41	3.05	8.39	1.31	3.32	3.07	0.69	3.11
16	Pathum Wan 2	PTW2	4.71	2.42	1.03	3.33	11.59	1.82	8.64	9.34	3.05	8.34
17	Surawong 1	SRW1	3.41	1.75	0.32	7.15	7.69	1.21	6.88	8.02	0.4	11.27
18	Surawong 2	SRW2	3.64	1.87	0.26	3.81	7.19	1.13	6.89	8.21	0.56	8.28
19	Surawong 3	SRW3	3.35	1.72	0.88	5.02	8.13	1.27	5.95	7.16	2.77	11.01
20	Surawong 4	SRW4	7.03	3.61	2.57	9.74	17.76	2.78	15.06	13.24	3.39	13.74
21	Surawong 5	SRW5	1.09	0.56	0.4	1.51	2.76	0.43	2.34	2.06	0.53	2.14
22	Chaiyaphruk 1	CYP1	2.04	1.05	0.56	0.86	3.69	0.58	3.17	4.51	1.72	3.71
23	Chaiyaphruk 2	CYP2	1.61	0.83	0.77	1.61	4.15	0.65	3.19	5.89	2.47	4.26
24	Phra Khanong 1	PKG1	0.74	0.38	0.15	1.4	2.35	0.37	1.48	2.44	0.99	1.41
25	Phra Khanong 2	PKG2	1.4	0.72	0.53	0.68	2.9	0.46	2.24	3.81	1.59	2.45
26	On Nut 1	ONT1	1.9	0.98	0.44	1.64	5.15	0.81	3.78	5.59	1.84	5.12
27	Trok Chan 1	TKC1	2.56	1.31	0.29	2.09	5.29	0.83	4.38	5.01	2.15	2.94
28	Trok Chan 2	TKC2	3.89	2	0.9	3.79	8.43	1.32	6.79	2.96	1.06	2.57
29	Thung Mahamek 1	TMM1	1.38	0.71	0.49	2.69	2.44	0.38	2.56	2.82	0.52	3.27
30	Thung Mahamek 2	TMM2	1.02	0.53	0.36	1.99	1.8	0.28	1.89	2.09	0.39	2.42
31	Sathupradit 1	STD1	0.68	0.35	0.2	0.93	3.28	0.51	1.84	0.52	0.22	0.35
32	Sathupradit 2	STD2	3.72	1.91	0.87	4.74	10.43	1.63	6.6	2.26	0.72	2.28
33	Thanon Tok 1	TNT1	3.1	1.59	0.68	1.2	4.22	0.66	3.83	1.79	0.85	1.04
34	Thanon Tok 2	TNT2	6.53	3.36	1.44	2.58	8.9	1.4	8.07	3.78	1.8	2.2
35	Khlong Toei 1	KT11	3.19	1.64	1.08	3.96	6.8	1.08	7.96	6.23	1.95	7.44
36	Hua Mak 1	HAM1	1.35	0.69	0.47	1.26	2.49	0.39	2.09	4.82	1.71	3.54
37	Hua Mak 2	HAM2	3.2	1.64	1.83	3.45	8.14	1.28	7.02	12.58	5.07	12.2
38	Khlong Chan 1	KGC1	1.39	0.71	0.32	0.98	2.83	0.44	2.8	6.47	2.25	3.63
39	Khlong Chan 2	KGC2	1.79	0.92	0.63	1.54	3.82	0.6	3.72	6.15	2.37	5.55
40	Khlong Chan 3	KGC3	0.39	0.2	0.14	0.33	0.82	0.13	0.8	1.33	0.51	1.2
41	Ramkhamhaeng 1	RKH1	0.45	0.23	0.16	0.38	0.95	0.15	0.93	1.54	0.59	1.39
42	Bang Chan 1	BGC1	1.3	0.67	0.43	1.53	4.23	0.66	2.68	4.64	2.13	4
43	Lat Krabang 1	LKG1	0.69	0.35	0.21	0.44	1.76	0.28	1.11	1.26	0.46	2.89
44	Bang Na 1	BNA1	1.71	0.88	0.57	1.79	4.31	0.68	3.75	4.15	1.72	2.76
45	Bang Na 2	BNA2	1.48	0.76	0.59	2.77	4.53	0.71	3.59	3.77	1.19	4.33
46	Bang Na 3	BNA3	0.51	0.26	0.2	0.95	1.56	0.24	1.23	1.3	0.41	1.49
47	Samut Prakan 1	SPK1	0.42	0.22	0.42	0.82	0.85	0.13	1.04	0.7	0.31	0.53
48	Samut Prakan 2	SPK2	0.41	0.21	0.33	1.73	0.6	0.09	0.65	0.56	0.16	0.51
49	Samut Prakan 3	SPK3	0.46	0.24	0.38	1.97	0.68	0.11	0.74	0.64	0.18	0.58
50	Bang Pu 1	BGU1	0.51	0.26	0.41	2.15	0.74	0.12	0.81	0.69	0.19	0.64
51	Pu Chao Saming Phrai 1	PSP1	1.97	1.01	1.55	3.54	5.85	0.92	4.64	3.31	1.06	1.13
52	Pu Chao Saming Phrai 2	PSP2	2.11	1.08	1.43	6.63	7.64	1.2	6.97	3.41	0.9	4.26
53	Bang Phli 1	BPL1	1.75	0.9	0.78	3.47	4.29	0.67	4.96	2.95	0.93	2.59
54	Bang Phli 2	BPL2	0.39	0.2	0.17	0.77	0.96	0.15	1.11	0.66	0.21	0.58
55	Bang Phli Bang Bo 1	BBB1	0.49	0.25	0.22	0.97	1.21	0.19	1.39	0.83	0.26	0.73
56	Thon Buri 1	TNB1	10.7	5.49	0.98	6.96	22.63	3.55	11.64	4.94	1.11	4.03
57	Lat Ya T8	LYT8	14.08	7.23	2.01	7.89	24.59	3.85	17.65	5.17	1.75	6.19
58	Phasi Charoen 1	PSN1	2.03	1.04	0.26	1.43	7.59	1.19	3.24	0.99	0.48	0.83

10-1 BMA Traffic Matrix in 1992(16/24)

NO	Switch Unit Name	ABBR	71	72	73	74	75	76	77	78	79	80
			DKN1	DKN2	PPG1	PPG2	BKC1	BKC2	RBN1	PYT1	PYT2	PYTT2
59	Phasi Charoen 2	PSN2	2.73	1.4	0.58	3	9.67	1.52	3.7	1.49	0.91	1.95
60	Bang Phlat 1	BGT1	2.27	1.17	0.47	2.06	8.3	1.3	5.1	6.45	1.98	5.23
61	Bang Phlat 2	BGT2	8.31	4.27	1.35	5.96	19.13	3	13.16	12.81	6.41	11.06
62	Bang Phlat 3	BGT3	0.32	0.16	0.05	0.23	0.73	0.11	0.5	0.49	0.24	0.42
63	Bang Bue Thong 1	BBT1	1.08	0.56	0.18	0.78	2.49	0.39	1.71	1.67	0.83	1.44
64	Bang Bue Thong 2	BBT2	0.21	0.11	0.03	0.15	0.49	0.08	0.33	0.33	0.16	0.28
65	Charan Sanitwong 1	CSW1	1.76	0.9	0.32	1.76	4.62	0.72	2.88	1.61	0.95	2.37
66	Charan Sanitwong 2	CSW2	4.08	2.1	0.65	3.43	11.59	1.82	6.27	4.17	1.6	4.59
67	Bang Khae 1	BKE1	2.85	1.47	0.23	1.65	4.32	0.68	4.64	1.65	0.4	1.26
68	Bang Khae 2	BKE2	2.94	1.51	0.61	2.58	7.1	1.11	5.49	1.44	0.68	2.17
69	Nong Khaem 1	NGK1	4.85	2.49	0.93	3.78	12.78	2	6.26	2.61	0.84	2.7
70	Muban Sattakit 1	MSK1	3.85	1.98	0.74	3	10.15	1.59	4.97	2.07	0.67	2.14
71	Dao khanong 1	DKN1	17.48	8.98	1.72	7.01	27.45	4.3	17.66	1.45	0.52	2.26
72	Dao khanong 2	DKN2	8.98	4.61	0.88	3.6	14.1	2.21	9.07	0.75	0.27	1.16
73	Phra Pradaeng 1	PPG1	1.45	0.74	3.41	7.94	3.54	0.55	3.87	0.68	0.22	0.21
74	Phra Pradaeng 2	PPG2	8.25	4.24	14.16	61.24	15.66	2.45	30.91	2.32	1.06	2.79
75	Ekkachai 1	EKC1	29.9	15.36	3.67	13.02	177.4	27.81	38.82	5.06	1.64	5.3
76	Ekkachai 2	EKC2	4.69	2.41	0.58	2.04	27.81	4.36	6.09	0.79	0.26	0.83
77	Rat Burana 1	RBN1	19.59	10.07	4.61	18.68	35.59	5.58	81.45	4.17	1.25	3.53
78	Phahonyothin 1	PYT1	1.82	0.93	0.28	1.42	5.21	0.82	3.94	26.12	9.72	19.47
79	Phahonyothin 2	PYT2	0.46	0.24	0.2	0.49	1.7	0.27	0.94	8.49	13.44	7.11
80	Phahonyothin T2	PYTT2	2.02	1.04	0.45	1.82	4.04	0.63	3.16	21.37	8.7	25.23
81	Inthamara 1	ITM1	1.05	0.54	0.25	1.62	2.01	0.31	2.3	6.45	2.7	8.06
82	Inthamara 2	ITM2	1.85	0.95	0.45	2.86	3.53	0.55	4.04	11.34	4.74	14.18
83	Bang Khen 1	BGN1	1.09	0.56	0.14	0.61	1.67	0.26	1.89	6.49	2.81	7.03
84	Bang Khen 2	BGN2	1.58	0.81	0.2	0.88	2.42	0.38	2.74	9.42	4.08	10.2
85	Lat Phrao 1-1	LTP1-1	0.42	0.21	0.14	0.76	2.15	0.34	0.96	3.75	0.3	4.83
86	Lat Phrao 1-2	LTP1-2	2.9	1.49	0.63	2.78	5.21	0.82	3.94	18.37	7.98	7.1
87	Lat Phrao 2-1	LTP2-1	0.21	0.11	0.08	0.3	1.02	0.16	0.07	1.23	0.67	0.25
88	Lat Phrao 2-1	LTP2-2	2.05	1.06	0.36	2.48	4.68	0.73	4.5	10.08	4.28	8.76
89	Don Muang 1	DNM1	0.38	0.2	0.09	0.35	0.76	0.12	0.91	2.05	1.43	3.81
90	Don Muang 2	DNM2	1.54	0.79	0.48	1.9	2.64	0.41	2.5	12.03	3.28	9.07
91	Thanyaburi 1	TYB1	0.15	0.08	0.05	0.19	0.26	0.04	0.25	1.18	0.32	0.89
92	Rangsit 1	RST1	0.34	0.18	0.11	0.42	0.58	0.09	0.55	2.67	0.73	2.01
93	Nawa Nakhon 1	NWN1	0.48	0.25	0.26	0.88	2.08	0.33	1.35	2.98	0.9	2.28
94	Bang Su 1	BGS1	0.93	0.48	0.16	1	2.27	0.36	2.88	4.84	1.54	4.83
95	Bang Su 2	BGS2	1.19	0.61	0.24	1.44	3.68	0.58	2.04	5.11	1.67	4.13
96	Ngam Wong Wan 1	NWW1	0.45	0.23	0.09	0.5	0.91	0.14	1.29	2.14	0.93	2.56
97	Ngam Wong Wan 2	NWW2	1.87	0.96	0.48	1.98	5.31	0.83	3.43	10.81	4.7	9.98
98	Nonthaburi 1	NTB1	0.46	0.24	0.03	0.04	1.24	0.19	0.48	1.09	0.76	0.51
99	Nonthaburi 2	NTB2	1.24	0.64	0.09	0.11	3.35	0.53	1.29	2.94	2.07	1.37
100	Lak Si 1	LKS1	0.59	0.3	0.12	0.28	0.87	0.14	1.82	3.87	1.33	3.44
101	Lak Si T4	LKST4	0.89	0.46	0.36	0.87	2	0.31	1.48	4.63	1.75	8.71
102	Lak Si 2	LKS2	0.11	0.06	0.05	0.11	0.25	0.04	0.19	0.58	0.22	1.1
103	Ram Inthra 1	RIT1	0.65	0.33	0.26	1.16	2.15	0.34	2.05	3.95	2.13	5.21
104	Ram Inthra 2	RIT2	0.09	0.05	0.04	0.16	0.3	0.05	0.29	0.56	0.3	0.73
105	Pak Kret 1	PKK1	1.64	0.84	0.61	1.84	3.68	0.58	3.38	3.95	1.85	3.61
106	Patham Thani 1	PFT1	0.74	0.38	0.27	0.83	1.66	0.26	1.52	1.77	0.83	1.62
107	Bang Phun 1	BAN1	0.28	0.14	0.1	0.31	0.63	0.1	0.57	0.67	0.31	0.61
108	Chaeng Watthana 1	CWT1	1.57	0.81	0.33	1.75	2.95	0.46	2.28	7.83	3.41	7.92
109	Lak Si TC	LSTC	0	0	0	0	0	0	0	0	0	0
110	Phra Khanong TC	PNTC	0	0	0	0	0	0	0	38.92	15.96	45.89
111	Lat Ya TC	LYTC	13.82	7.1	3.02	25.35	22.93	3.59	22.53	0	0	0
112	Lak Si International	LSIT	0	0	0	0	0	0	0	0	0	0
113	Phra Khanong Internatio	PNIT	0	0	0	0	0	0	0	2.74	1.34	4.07
114	Lat Ya International	LYIT	0.76	0.39	0.13	1.45	3.31	0.52	1.71	0	0	0
	IC Total		339.03	174.21	95.85	385.24	878.22	137.89	625.67	652.21	252.76	672.71

10-1 BMA Traffic Matrix in 1992(17/24)

NO	Switch Unit Name	ABBR	81	82	83	84	85	86	87	88	89	90
			ITM1	ITM2	BGN1	BGN2	LTP1-1	LTP1-2	LTP2-1	LTP2-2	DNM1	DNM2
1	Phloen Chit 1	PNC1	4.08	7.18	5.2	7.54	2.99	14.93	1.31	5.72	2.01	4.97
2	Phloen Chit 2	PNC2	4.04	7.1	3.66	5.32	3.27	13.46	1.45	6.05	2.04	4.62
3	Phloen Chit 3	PNC3	13.37	23.51	11.02	15.99	7.79	37.96	5.43	17.79	8.55	16.29
4	Asok Din Daeng 1	ASD1	7.44	13.09	5.07	7.36	3.39	12.02	1	5.38	1.92	4.5
5	Asok Din Daeng 2	ASD2	18.44	32.43	11.15	16.17	8.55	31.46	4.81	27.46	4.21	16.13
6	Sukhumwit 1	SKW1	12.63	22.22	10.88	15.79	8	28.69	5.22	20.54	1.06	33.06
7	Samran Rat 1	SRR1	1.59	2.79	2.74	3.98	0.38	6.69	1.42	4.02	0.57	2.72
8	Samran Rat 2	SRR2	2.8	4.92	2.37	3.44	2.12	5.58	2.32	3.15	0.6	2.74
9	Samran Rat 3	SRR3	2.88	5.06	2.48	3.6	1.87	8.84	1.12	3.51	0.89	3.76
10	Samran Rat 4	SRR4	5.4	9.57	4.9	7.11	3.41	13.81	2.49	6.58	1.87	7.18
11	Krung Kasem 2	KKM2	5.15	9.06	5.89	8.54	3.48	11.93	1.41	5.41	1.41	6.58
12	Krung Kasem 3	KKM3	4.43	7.79	9.27	13.46	2.66	16.48	2.95	4.53	1.24	15.79
13	Samsen 1	SMS1	2.83	4.97	2.11	3.06	1.93	5.33	0.99	2.78	0.64	3.45
14	Samsen 2	SMS2	1.73	3.05	2.03	2.95	1.28	4.77	0.87	2.66	0.78	2.07
15	Pathum Wan 1	PTW1	1.61	2.83	1.04	1.52	1.25	4.14	0.58	1.82	0.62	2
16	Pathum Wan 2	PTW2	4.84	8.51	3.99	5.78	2.8	11.73	1.6	6.18	2.13	6.22
17	Surawong 1	SRW1	4.51	7.94	4.17	6.05	2.69	10.67	1.62	4.39	2.41	0.79
18	Surawong 2	SRW2	1.12	1.97	3.33	4.83	0.52	10.62	0.39	4.94	2.03	6.15
19	Surawong 3	SRW3	3.34	5.88	3.66	5.32	4.2	9.35	0.73	4.73	1.43	3.65
20	Surawong 4	SRW4	5.3	9.33	4.46	6.48	3.42	15.56	2.52	6.24	2.72	9.96
21	Surawong 5	SRW5	0.82	1.45	0.69	1.01	0.53	2.42	0.39	0.97	0.42	1.55
22	Chaiyaphruk 1	CYP1	2.9	5.11	2.83	4.11	2.19	7.68	1.71	11.45	1.01	0.57
23	Chaiyaphruk 2	CYP2	3.8	6.69	3.07	4.46	1.76	6.17	1.64	11	1.61	0.59
24	Phra Khanong 1	PKG1	1.07	1.88	1.14	1.65	0.67	2.37	0.95	6.38	0.49	0.26
25	Phra Khanong 2	PKG2	1.93	3.4	1.35	1.96	1.77	6.22	1.3	8.66	0.99	0.58
26	On Nut 1	ONT1	3.99	7.02	2.29	3.32	2.59	9.52	2.31	6.65	1.54	3.83
27	Trok Chan 1	TKC1	4.16	7.32	1.35	1.96	2.52	2.65	2.74	0.96	0.16	0.82
28	Trok Chan 2	TKC2	1.64	2.88	1.7	2.46	0.97	3.75	1.35	2.85	0.55	1.99
29	Thung Mahamek 1	TMM1	0.83	1.47	0.68	0.99	1.21	3.92	0.35	1.53	0.58	0.86
30	Thung Mahamek 2	TMM2	0.62	1.9	0.51	0.73	0.89	2.9	0.26	1.13	0.43	0.64
31	Sathupradit 1	STD1	0.39	0.69	0.33	0.48	0.13	0.21	0.13	0.37	0.1	0.19
32	Sathupradit 2	STD2	1.53	2.7	0.99	1.43	0.76	3.2	0.77	2.56	0.57	1.74
33	Thanon Tok 1	TNT1	0.87	1.53	0.6	0.87	0.66	1.29	0.38	1.02	0.29	1.2
34	Thanon Tok 2	TNT2	1.83	3.22	1.26	1.83	1.4	2.72	0.81	2.15	0.6	2.52
35	Khlong Toei 1	KT1	3.8	6.68	2.85	4.14	2	8.18	1.19	4.06	2.08	4.77
36	Hua Mak 1	HAM1	2.97	5.22	2.42	3.51	2.19	7.71	1.7	11.35	0.78	0.65
37	Hua Mak 2	HAM2	6.59	11.59	6.1	8.85	4.2	17.86	4.5	15.65	2.31	8.44
38	Khlong Chan 1	KGC1	3.52	6.19	2.92	4.24	2.83	9.95	1.57	11.51	1.64	0.84
39	Khlong Chan 2	KGC2	4.73	8.32	3.63	5.27	3.36	10.61	3.06	10.85	1.48	5.47
40	Khlong Chan 3	KGC3	1.02	1.8	0.78	1.14	0.73	2.29	0.66	2.34	0.32	1.18
41	Ramkarnhaeng 1	RKH1	1.18	2.08	0.91	1.32	0.84	2.65	0.76	2.71	0.37	1.37
42	Bang Chan 1	BGC1	3.27	5.76	3.08	4.47	2.5	8.92	2.78	7.6	1.45	5.95
43	Lat Krabang 1	LKG1	0.81	1.43	0.32	0.47	0.36	2.31	0.26	1.35	0.2	0.92
44	Bang Na 1	BNA1	2.47	4.34	1.73	2.51	1.32	4.65	0.79	5.29	0.56	0.52
45	Bang Na 2	BNA2	2.43	4.28	1.62	2.35	1.34	5.11	0.73	2.82	0.75	2.23
46	Bang Na 3	BNA3	0.84	1.47	0.56	0.81	0.46	1.75	0.25	0.97	0.26	0.77
47	Samut Prakan 1	SPK1	0.36	0.63	0.34	0.49	0.29	1.03	0.17	1.16	0.2	0.13
48	Samut Prakan 2	SPK2	0.25	0.43	0.3	0.44	0.14	0.56	0.17	0.45	0.12	0.42
49	Samut Prakan 3	SPK3	0.28	0.49	0.34	0.5	0.15	0.64	0.19	0.51	0.14	0.48
50	Bang Pu 1	BGU1	0.3	0.53	0.37	0.54	0.17	0.7	0.21	0.55	0.15	0.53
51	Pu Chao Saming Phrai 1	PSP1	1.6	2.82	1.37	1.99	1.01	3.55	1.1	7.32	0.48	0.69
52	Pu Chao Saming Phrai 2	PSP2	2.1	3.7	1.75	2.55	1.22	4.01	0.86	2.99	0.7	3.21
53	Bang Phli 1	BPL1	1.55	2.72	1.76	2.56	1.02	6.2	1.24	2.97	0.56	3.04
54	Bang Phli 2	BPL2	0.34	0.61	0.39	0.57	0.23	1.38	0.28	0.66	0.13	0.68
55	Bang Phli Bang Bo 1	BBB1	0.43	0.76	0.5	0.72	0.29	1.74	0.35	0.83	0.16	0.85
56	Thon Buri 1	TNB1	1.82	3.19	1.5	2.3	1.79	5.04	0.99	3.14	0.69	3.83
57	Lat Ya T8	LTYT8	2.78	4.89	2	2.9	1.62	5.63	1.32	3.3	0.87	3.28
58	Phasi Charoen 1	PSN1	0.55	0.96	0.46	0.66	0.45	1.26	0.39	0.69	0.27	0.83

10-1 BMA Traffic Matrix in 1992(18/24)

NO	Switch Unit Name	ABBR	81	82	83	84	85	86	87	88	89	90
			ITM1	ITM2	BGN1	BGN2	LTP1-1	LTP1-2	LTP2-1	LTP2-2	DNM1	DNM2
59	Phasi Charoen 2	PSN2	0.45	0.8	0.9	1.3	0.83	1.44	1.01	1.49	0.28	2.47
60	Bang Phlat 1	BGT1	2.77	4.87	3.34	4.85	1.43	7.95	0.93	4.39	0.89	3.39
61	Bang Phlat 2	BGT2	5.58	9.8	6.61	9.59	4.06	16.12	2.57	8.55	1.85	8.36
62	Bang Phlat 3	BGT3	0.21	0.37	0.25	0.37	0.16	0.62	0.1	0.33	0.07	0.32
63	Bang Bue Thong 1	BBT1	0.72	1.27	0.86	1.25	0.53	2.1	0.33	1.11	0.24	1.09
64	Bang Bue Thong 2	BBT2	0.14	0.25	0.17	0.24	0.1	0.41	0.07	0.22	0.05	0.21
65	Charan Sanitwong 1	CSW1	0.94	1.66	1.01	1.46	0.84	2.87	0.35	1.22	0.27	2.05
66	Charan Sanitwong 2	CSW2	2.27	4	2.01	2.91	1.43	6.62	0.98	3.81	0.73	3.5
67	Bang Khae 1	BKE1	0.76	1.33	0.64	0.93	0.48	1.28	0.4	1.26	0.17	0.78
68	Bang Khae 2	BKE2	0.78	1.36	0.84	1.22	0.45	1.98	0.27	1.42	0.39	0.86
69	Nong Khaem 1	NGK1	0.97	1.7	1.2	1.75	0.55	3.76	0.42	1.27	0.71	2.21
70	Muban Sattakit 1	MSK1	0.77	1.35	0.95	1.39	0.44	2.99	0.33	1.01	0.57	1.76
71	Dao khanong 1	DKN1	1.34	2.35	0.8	1.16	0.64	0.87	0.47	1.64	0.48	1.03
72	Dao khanong 2	DKN2	0.69	1.21	0.41	0.59	0.33	0.45	0.24	0.84	0.25	0.53
73	Phra Pradaeng 1	PPG1	0.3	0.53	0.05	0.07	0.55	0.06	0.21	0.13	0.05	0.3
74	Phra Pradaeng 2	PPG2	1.06	1.87	1.13	1.64	1.02	3.23	0.48	2.18	0.59	1.91
75	Ekkachai 1	EKC1	2.95	5.19	2.19	3.18	1.56	5.37	1.4	3.94	0.85	3.02
76	Ekkachai 2	EKC2	0.46	0.81	0.34	0.5	0.24	0.84	0.22	0.62	0.13	0.47
77	Rat Burana 1	RBN1	1.74	3.07	2.22	3.23	1.39	5.07	0.87	2.39	0.89	3.48
78	Phahonyothin 1	PYT1	7.41	13.03	6.57	9.54	4.97	19.74	1.46	0.21	2.09	9.44
79	Phahonyothin 2	PYT2	2.75	4.84	1.2	1.74	1.6	6.29	0.65	2.99	0.36	2
80	Phahonyothin T2	PYTT2	9.52	16.75	7.28	10.57	5.6	20.3	2.22	9.06	2.99	8.89
81	Inthamara 1	ITM1	12.24	21.53	3.08	4.47	2.92	10.39	1.67	6.47	1.55	4.07
82	Inthamara 2	ITM2	21.53	37.86	5.41	7.85	5.13	18.28	2.93	11.37	2.73	7.15
83	Bang Khen 1	BGN1	3.87	6.81	21.78	31.6	4.26	14.92	1.62	7.2	0.96	5.89
84	Bang Khen 2	BGN2	5.62	9.88	31.6	45.86	6.18	21.65	2.35	10.45	1.39	8.55
85	Lat Phrao 1-1	LTP1-1	2.76	4.85	3.58	5.19	5.63	16.31	1.9	6.89	0.96	2.97
86	Lat Phrao 1-2	LTP1-2	9.39	16.51	12.38	17.96	14.4	64.41	5.11	18.88	4.26	17.79
87	Lat Phrao 2-1	LTP2-1	0.11	0.2	1.05	1.52	1.4	3.33	3.63	12.1	0.17	1.27
88	Lat Phrao 2-1	LTP2-2	7.38	12.97	8.14	11.81	8.01	22.08	10.18	44.51	2.41	7.3
89	Don Muang 1	DNM1	1.9	3.35	2.11	3.07	1.17	6.09	0.5	2.81	7.65	12.28
90	Don Muang 2	DNM2	3.8	6.69	6.06	8.79	2.94	17.07	1.59	6.54	15.67	80.78
91	Thanyaburi 1	TYB1	0.37	0.66	0.6	0.87	0.29	1.68	0.16	0.64	1.54	7.95
92	Rangsit 1	RST1	0.84	1.48	1.34	1.95	0.65	3.79	0.35	1.45	3.48	17.92
93	Nawa Nakhon 1	NWN1	1.13	1.99	1.92	2.78	0.74	2.83	0.37	1.36	1.3	10.44
94	Bang Su 1	BGS1	2.8	4.92	2.59	3.76	1.77	8.1	0.63	3.8	1.25	3.62
95	Bang Su 2	BGS2	2.1	3.69	2.14	3.11	1.83	6.25	0.84	2.55	0.82	2.3
96	Ngam Wong Wan 1	NWW1	1.35	2.37	1.69	2.46	1.06	4.16	0.59	2.33	0.41	1.87
97	Ngam Wong Wan 2	NWW2	6.21	10.92	9.3	13.5	5.5	16.16	2.41	8.86	2.77	9.76
98	Nonthaburi 1	NTB1	0.61	1.07	1.07	1.56	0.42	2.01	0.17	0.99	1	2.14
99	Nonthaburi 2	NTB2	1.64	2.88	2.9	4.2	1.13	5.43	0.47	2.68	2.69	5.77
100	Lak Si 1	LKS1	2.02	3.55	4.26	6.18	1.9	6.38	0.9	3.48	2.76	6.33
101	Lak Si T4	LKST4	1.95	3.43	3.85	5.59	1.75	6.05	0.76	3.59	2.36	13.08
102	Lak Si 2	LKS2	0.25	0.43	0.48	0.7	0.22	0.76	0.09	0.45	0.3	1.65
103	Ram Inthra 1	RIT1	2.75	4.83	3.97	5.76	2.26	10.33	1.69	9.15	2.1	6.9
104	Ram Inthra 2	RIT2	0.39	0.68	0.56	0.81	0.32	1.46	0.24	1.29	0.3	0.97
105	Pak Kret 1	PKK1	2.37	4.16	3.64	5.29	0.87	5.2	0.89	5.96	2.72	5.45
106	Pathum Thani 1	PTT1	1.06	1.87	1.64	2.38	0.39	2.34	0.4	2.68	1.22	2.45
107	Bang Phun 1	BAN1	0.4	0.71	0.62	0.9	0.15	0.88	0.15	1.01	0.46	0.93
108	Chaeng Watthana 1	CWT1	3.91	6.87	5.75	8.34	3.01	13.11	1.66	5.61	2.96	10.54
109	Lak Si TC	LSTC	0	0	21.44	31.11	0	58.94	0	99.21	22.31	106.16
110	Phra Khanong TC	PNTC	20.48	36.02	0	0	13.72	0	12.49	0	0	0
111	Lat Ya TC	LYTC	0	0	0	0	0	0	0	0	0	0
112	Lak Si International	LSIT	0	0	0	2.19	0	4.68	0	2.63	1.71	7.62
113	Phra Khanong Internatio	PNIT	1.47	2.58	0	0	0.78	0	0.13	0	0	0
114	Lat Ya International	LYIT	0	0	0	0	0	0	0	0	0	0
	IC Total		347.18	611.52	362.13	527.89	234.56	908.2	153.69	639.65	172.25	651.02

10-1 BMA Traffic Matrix in 1992(19/24)

NO	Switch Unit Name	ABBR	91	92	93	94	95	96	97	98	99	100
			TYB1	RST1	NWN1	BGS1	BGS2	NWW1	NWW2	NTB1	NTB2	LKS1
1	Phloen Chit 1	PNC1	0.49	1.1	3.32	3.25	0.7	1.14	5.75	0.8	2.15	2.42
2	Phloen Chit 2	PNC2	0.45	1.03	2.31	2.95	0.36	1.92	5.37	0.97	2.63	2.48
3	Phloen Chit 3	PNC3	1.6	3.61	17.88	9.93	1.05	4.42	18.9	2.38	6.42	7.66
4	Asok Din Daeng 1	ASD1	0.44	1	2.38	3.9	0.43	1.69	9.84	1	2.7	2.96
5	Asok Din Daeng 2	ASD2	1.59	3.58	5.74	11.59	1.71	4.57	20.39	3.01	8.11	7.97
6	Sukhumwit 1	SKW1	3.25	7.33	19.04	10.39	10.35	3.4	16.05	1.85	5	6.8
7	Samran Rat 1	SRR1	0.27	0.6	1.63	1.71	2.83	0.32	3.63	0.22	0.6	0.39
8	Samran Rat 2	SRR2	0.27	0.61	1.53	3.27	3.65	1.05	5.55	0.56	1.5	1.71
9	Samran Rat 3	SRR3	0.37	0.83	2.5	3.78	3.11	1.13	6.51	0.87	2.35	1.97
10	Samran Rat 4	SRR4	0.71	1.59	2.4	6.67	0.7	2.24	7.24	1.48	3.99	3.39
11	Krung Kasem 2	KKM2	0.65	1.46	2.01	6.26	5.42	1.62	9.8	1.49	4.02	4.39
12	Krung Kasem 3	KKM3	1.55	3.5	2.55	4.05	2.57	4.6	11.14	0.75	2.01	8.9
13	Samsen 1	SMS1	0.34	0.77	0.33	5.78	1.82	1.06	4.71	1.2	3.24	2.26
14	Samsen 2	SMS2	0.2	0.46	0.47	3.72	2.36	1.29	4.83	0.75	2.03	1.52
15	Pathum Wan 1	PTW1	0.2	0.44	0.4	0.91	1.27	0.54	2.07	0.16	0.43	1.28
16	Pathum Wan 2	PTW2	0.61	1.38	2.31	4.24	0.59	1.18	6.09	0.93	2.51	2.67
17	Surawong 1	SRW1	0.08	0.17	3.72	2.96	0.18	1.26	5.15	0.08	0.21	1.45
18	Surawong 2	SRW2	0.6	1.36	2.49	0.61	0.33	0.29	5.81	0.17	0.45	2.98
19	Surawong 3	SRW3	0.36	0.81	2.23	7.84	0.55	1.03	5.63	0.95	2.55	2.55
20	Surawong 4	SRW4	0.98	2.21	4.92	4.06	0.6	1.39	6.95	1.06	2.85	3.01
21	Surawong 5	SRW5	0.15	0.34	0.76	0.63	0.09	0.22	1.08	0.16	0.44	0.47
22	Chaiyaphruk 1	CYP1	0.06	0.13	1.52	1.62	1.79	1.3	4.63	0.43	1.16	1.77
23	Chaiyaphruk 2	CYP2	0.06	0.13	1.79	3.33	3.66	1.04	6.11	0.88	2.37	1.7
24	Phra Khanong 1	PKG1	0.03	0.06	0.47	1.33	1.46	0.42	2.28	0.19	0.52	0.94
25	Phra Khanong 2	PKG2	0.06	0.13	0.73	2.04	2.22	1.1	2.94	0.26	0.7	1.26
26	On Nut 1	ONT1	0.38	0.85	0.83	3.26	2.16	1.11	5.17	0.57	1.53	1.96
27	Trok Chan 1	TKC1	0.08	0.18	0.4	0.69	0.32	0.32	1.32	0.64	1.74	0.89
28	Trok Chan 2	TKC2	0.2	0.44	0.91	1.78	0.96	0.38	2.28	0.34	0.9	1.26
29	Thung Mahamek 1	TMM1	0.09	0.19	0.33	0.75	0.28	0.41	1.72	0.14	0.39	0.79
30	Thung Mahamek 2	TMM2	0.06	0.14	0.25	0.56	0.21	0.3	1.27	0.11	0.29	0.59
31	Sathupradit 1	STD1	0.02	0.04	2.14	0.18	0.1	0.05	0.43	0.06	0.17	0.18
32	Sathupradit 2	STD2	0.17	0.39	0.94	1.51	0.13	0.5	2.11	0.33	0.9	0.84
33	Thanon Tok 1	TNT1	1.12	0.27	0.16	0.63	0.08	0.18	0.57	0.14	0.37	0.49
34	Thanon Tok 2	TNT2	0.25	0.56	0.33	1.34	0.17	0.38	1.21	0.29	0.78	1.04
35	Khlong Toei 1	KTI1	0.47	1.06	1.65	2.48	2.8	1.24	4.8	0.54	1.46	1.82
36	Hua Mak 1	HAM1	0.06	0.14	1.25	2.23	2.57	0.86	3.91	0.49	1.32	1.44
37	Hua Mak 2	HAM2	0.83	1.87	4.74	5.46	0.8	1.95	9.41	1.51	4.09	4.75
38	Khlong Chan 1	KGC1	0.08	0.19	2.24	2.87	3.16	0.95	6.06	0.69	1.87	1.99
39	Khlong Chan 2	KGC2	0.54	1.21	1.67	3.42	0.34	1.27	5.19	0.59	1.6	2.78
40	Khlong Chan 3	KGC3	0.12	0.26	0.36	0.74	0.07	0.27	1.12	0.13	0.34	0.6
41	Ramkhamhaeng 1	RKH1	0.13	0.3	0.42	0.85	0.09	0.32	1.3	0.15	0.4	0.69
42	Bang Chan 1	BGC1	0.59	1.32	0.9	2.27	2.61	1.17	4.93	0.62	1.66	3.13
43	Lat Krabang 1	LKG1	0.09	0.2	0.43	0.64	0.34	0.25	1.57	0.25	0.66	0.47
44	Bang Na 1	BNA1	0.05	0.12	1.18	2.39	2.62	0.8	2.95	0.42	1.14	0.9
45	Bang Na 2	BNA2	0.22	0.49	0.91	2.02	1.77	0.9	3.53	0.34	0.93	1.22
46	Bang Na 3	BNA3	0.88	0.17	0.31	0.69	0.61	0.31	1.21	0.12	0.32	0.42
47	Samut Prakan 1	SPK1	0.01	0.03	0.42	0.3	0.33	0.2	0.6	0.2	0.54	0.25
48	Samut Prakan 2	SPK2	0.04	0.09	0.2	0.29	0.11	0.08	0.67	0.05	0.14	0.25
49	Samut Prakan 3	SPK3	0.05	0.11	0.23	0.33	0.13	0.09	0.76	0.06	0.16	0.29
50	Bang Pu 1	BGU1	0.05	0.12	0.25	0.36	0.14	0.1	0.83	0.07	0.18	0.32
51	Pu Chao Saming Phrai 1	PSP1	0.07	0.15	0.98	1.4	1.55	0.26	2.59	0.42	1.13	1.16
52	Pu Chao Saming Phrai 2	PSP2	0.32	0.71	2.7	1.79	3.03	0.55	3.24	0.39	1.05	0.81
53	Bang Phli 1	BPL1	0.3	0.68	2.05	1.31	2.08	0.74	2.74	0.34	0.92	1.37
54	Bang Phli 2	BPL2	0.07	0.15	0.46	0.29	0.46	0.16	0.61	0.08	0.2	0.3
55	Bang Phli Bang Bo 1	BBB1	0.08	0.19	0.58	0.37	0.58	0.21	0.77	0.1	0.26	0.38
56	Thon Buri 1	TNB1	0.38	0.85	1.13	1.55	0.43	0.65	3.24	0.41	1.11	1.73
57	Lat Ya T8	LYT8	0.32	0.73	0.9	2.73	0.3	0.75	4.42	0.69	1.85	1.39
58	Phasi Charoen 1	PSN1	0.08	0.18	0.2	0.92	0.17	0.41	1.5	0.39	1.04	0.66

10-1 BMA Traffic Matrix in 1992(20/24)

			91	92	93	94	95	96	97	98	99	100
NO	Switch Unit Name	ABBR	TYB1	RST1	NWN1	BGS1	BGS2	NWW1	NWW2	NTB1	NTB2	LKS1
59	Phasi Charoen 2	PSN2	0.24	0.55	2.1	1.64	0.39	0.47	3.88	0.32	0.87	0.45
60	Bang Phlat 1	BGT1	0.33	0.75	0.92	5.32	4.62	1.52	7.86	1.28	3.46	1.62
61	Bang Phlat 2	BGT2	0.82	1.85	2.67	12.6	2.45	4.6	15.12	3.56	9.62	3.63
62	Bang Phlat 3	BGT3	0.03	0.07	0.1	0.48	0.09	0.18	0.58	0.14	0.37	0.14
63	Bang Bue Thong 1	BBT1	0.11	0.24	0.35	1.64	0.32	0.6	1.98	0.46	1.25	0.47
64	Bang Bue Thong 2	BBT2	0.02	0.05	0.07	0.32	0.06	0.12	0.39	0.09	0.24	0.09
65	Charan Sanitwong 1	CSW1	0.2	0.46	0.27	1.11	0.43	0.64	4.01	0.42	1.13	0.63
66	Charan Sanitwong 2	CSW2	0.34	0.78	0.73	3.69	0.53	0.99	5.25	0.89	2.41	1.38
67	Bang Khae 1	BKE1	0.08	0.17	0.1	0.74	0.23	0.37	1.77	0.22	0.59	0.61
68	Bang Khae 2	BKE2	0.08	0.19	0.47	0.96	1.02	0.35	1.9	0.3	0.8	0.45
69	Nong Khaem 1	NGK1	0.22	0.49	1.33	1.24	1.54	0.46	2.26	0.4	1.08	0.76
70	Muban Settakit 1	MSK1	0.17	0.39	1.06	0.98	1.22	0.37	1.79	0.32	0.86	0.6
71	Dao khanong 1	DKN1	0.1	0.23	0.27	1.74	0.38	0.49	2.4	0.32	0.85	0.56
72	Dao khanong 2	DKN2	0.05	0.12	0.14	0.9	0.2	0.25	1.23	0.16	0.44	0.29
73	Phra Pradaeng 1	PPG1	0.03	0.07	0.05	0.39	0.05	0.04	0.04	0.03	0.09	0.02
74	Phra Pradaeng 2	PPG2	0.19	0.42	1.3	1.78	2.02	1.14	2.53	0.42	1.14	0.67
75	Ekkachai 1	EKC1	0.3	0.67	1.36	3.63	3.29	1.19	4.88	0.83	2.25	1.76
76	Ekkachai 2	EKC2	0.05	0.11	0.21	0.57	0.52	0.19	0.76	0.13	0.35	0.28
77	Rat Burana 1	RBN1	0.34	0.77	0.75	2.36	2.22	0.8	2.5	0.51	1.37	0.95
78	Phahonyothin 1	PYT1	0.93	2.09	2.64	6.89	6.25	2.24	10.35	1.03	2.78	4.33
79	Phahonyothin 2	PYT2	0.2	0.44	0.76	1.29	1.49	0.7	2.97	0.27	0.73	1.77
80	Phahonyothin T2	PYTT2	0.87	1.97	2.61	6.26	5.37	2.54	9.93	1.12	3.02	4.07
81	Inthamara 1	ITM1	0.4	0.9	0.59	3.29	2.58	1.52	6.42	0.41	1.11	2.14
82	Inthamara 2	ITM2	0.7	1.59	1.04	5.78	4.54	2.67	11.29	0.72	1.95	3.77
83	Bang Khen 1	BGN1	0.58	1.31	1.57	4.45	0.6	2.51	11.22	0.83	2.23	4.82
84	Bang Khen 2	BGN2	0.84	1.9	2.28	6.45	0.86	3.64	16.29	1.2	3.24	6.99
85	Lat Phrao 1-1	LTP1-1	0.29	0.6	0.3	2.81	1.37	1.04	5.05	0.31	0.84	1.46
86	Lat Phrao 1-2	LTP1-2	1.75	3.95	2.73	6.44	0.73	3.16	15.03	1.59	4.29	7.74
87	Lat Phrao 2-1	LTP2-1	0.13	0.28	0.47	0.97	0.21	0.22	2.03	0.06	0.16	0.9
88	Lat Phrao 2-1	LTP2-2	0.72	1.62	1.14	5.52	0.94	2.49	12.17	0.88	2.37	4.37
89	Don Muang 1	DNM1	1.21	2.72	0.93	1.26	0.21	0.71	2.15	0.49	1.32	4.56
90	Don Muang 2	DNM2	7.95	17.92	6.9	4.49	3.03	2.58	9.69	1.22	3.3	10.34
91	Thanyaburi 1	TYB1	0.78	1.76	0.68	0.44	0.3	0.25	0.95	0.12	0.33	1.02
92	Rangsit 1	RST1	1.76	3.98	1.53	1	0.67	0.57	2.15	0.27	0.73	2.3
93	Nawa Nakhon 1	NWN1	1.03	2.32	23.7	1.31	8.77	0.51	2.53	0.2	0.53	1.9
94	Bang Su 1	BGS1	0.36	0.8	0.75	19.14	12.95	4.03	11.54	1.97	5.32	1.85
95	Bang Su 2	BGS2	0.23	0.51	12.98	11.35	6.77	2	7.24	2.38	6.42	1.73
96	Ngam Wong Wan 1	NWW1	0.18	0.41	0.31	3.82	0.81	5.01	8.65	2.17	5.86	1.57
97	Ngam Wong Wan 2	NWW2	0.96	2.17	1.87	12.12	9.98	9.28	59.86	4.77	12.87	6.45
98	Nonthaburi 1	NTB1	0.21	0.47	0.64	3.5	2.6	3.92	0	5.19	14.02	0.47
99	Nonthaburi 2	NTB2	0.57	1.28	1.73	9.45	7.03	10.57	0	14.02	37.87	1.27
100	Lak Si 1	LKS1	0.62	1.4	1.09	1.97	0.35	1.23	4.87	0.4	1.09	11.47
101	Lak Si T4	LKST4	1.29	2.9	4.06	1.69	0.4	0.99	4.9	0.48	1.3	4.15
102	Lak Si 2	LKS2	0.16	0.37	0.51	0.21	0.05	0.12	0.62	0.06	0.16	0.52
103	Ram Inthra 1	RIT1	0.68	1.53	0.69	2.58	1.9	1.49	6.11	0.48	1.29	5.76
104	Ram Inthra 2	RIT2	0.1	0.22	0.1	0.36	0.27	0.21	0.86	0.07	0.18	0.81
105	Pak Kret 1	PKK1	0.54	1.21	2.51	7.23	2.93	5.5	10.41	4.16	11.24	3.72
106	Pathum Thani 1	PTT1	0.24	0.54	1.13	3.25	1.32	2.47	4.68	1.87	5.05	1.67
107	Bang Phun 1	BAN1	0.09	0.21	0.43	1.23	0.5	0.93	1.77	0.71	1.91	0.63
108	Chaeng Watthana 1	CWT1	1.04	2.34	1.52	5.77	4.62	4.23	15.2	2.05	5.53	5.91
109	Lak Si TC	LSTC	10.44	23.55	8.41	0	9.5	9.61	44.08	0	20.75	30.35
110	Phra Khanong TC	PNTC	0	0	0	7.41	0	0	0	7.46	0	0
111	Lat Ya TC	LYTC	0	0	0	0	0	0	0	0	0	0
112	Lak Si International	LSIT	0.75	1.69	9.98	0	1.81	0.11	0.75	0	0.19	1.99
113	Phra Khanong Internatio	PNIT	0	0	0	0.6	0	0	0	0.07	0	0
114	Lat Ya International	LYIT	0	0	0	0	0	0	0	0	0	0
	IC Total		65.87	144.34	230.71	347.64	204.59	162.16	625.37	104.1	281.53	270.22

10-1 BMA Traffic Matrix in 1992(21/24)

NO	Switch Unit Name	ABBR	101 LKST4	102 LKS2	103 RIT1	104 RIT2	105 PKK1	106 PTT1	107 BAN1	108 CWT1	109 MC1	110 MC2
1	Phloen Chit 1	PNC1	1.58	0.2	2.41	0.34	4.28	1.92	0.73	5.99	0.6	0
2	Phloen Chit 2	PNC2	1.12	0.14	3.17	0.45	3.49	1.57	0.59	5.37	0.85	0
3	Phloen Chit 3	PNC3	5.27	0.66	7.46	1.05	10.02	4.5	1.7	14.42	2.51	0
4	Asok Din Daeng 1	ASD1	1.71	0.21	2.76	0.39	2.83	1.27	0.48	5.4	0.65	0
5	Asok Din Daeng 2	ASD2	9.66	1.21	7.34	1.03	9.65	4.34	1.64	16.84	1.93	0
6	Sukhumwit 1	SKW1	10.59	1.33	7.88	1.11	8.62	3.87	1.46	12.41	1.82	0
7	Samran Rat 1	SRR1	1.35	0.17	1.38	0.19	2.62	1.18	0.44	2.66	0.23	0
8	Samran Rat 2	SRR2	1.59	0.2	1.66	0.23	3.64	1.64	0.62	2.48	0.33	0
9	Samran Rat 3	SRR3	2.1	0.26	1.75	0.25	3.4	1.53	0.58	5.09	0.65	0
10	Samran Rat 4	SRR4	3.96	0.5	3.51	0.5	7.61	3.42	1.29	7.16	1.26	0
11	Krung Kasem 2	KKM2	3.34	0.42	3.13	0.44	4.5	2.02	0.76	5.89	0.42	0
12	Krung Kasem 3	KKM3	6.49	0.82	1.86	0.26	10.71	4.81	1.82	10.17	1.02	0
13	Samsen 1	SMS1	0.76	0.1	1.62	0.23	4.59	2.07	0.78	3.38	0.62	0
14	Samsen 2	SMS2	0.91	0.11	1.61	0.23	3	1.35	0.51	3.43	0.22	0
15	Pathum Wan 1	PTW1	1.03	0.13	0.83	0.12	1.64	0.74	0.28	1.47	0.15	0
16	Pathum Wan 2	PTW2	2.47	0.31	2.93	0.41	3.66	1.65	0.62	5.46	0.74	0
17	Surawong 1	SRW1	2.18	0.27	1.84	0.26	2.51	1.13	0.43	5.9	0.84	0
18	Surawong 2	SRW2	1.97	0.25	1.55	0.22	4.14	1.86	0.7	4.02	0.58	0
19	Surawong 3	SRW3	1.11	0.14	1.18	0.17	4.52	2.03	0.77	4.79	0.8	0
20	Surawong 4	SRW4	5.67	0.71	3.31	0.47	5.01	2.25	0.85	7.99	0.98	0
21	Surawong 5	SRW5	0.88	0.11	0.51	0.07	0.78	0.35	0.13	1.24	0.15	0
22	Chaiyaphruk 1	CYP1	0.85	0.11	2.11	0.3	1.14	0.51	0.19	3.78	0	0.51
23	Chaiyaphruk 2	CYP2	1.37	0.17	3.12	0.44	1.27	0.57	0.22	3.91	0	0.46
24	Phra Khanong 1	PKG1	0.53	0.07	1.06	0.15	0.73	0.33	0.12	1.1	0	0.19
25	Phra Khanong 2	PKG2	0.93	0.12	1.8	0.25	1.16	0.52	0.2	1.76	0	0.29
26	On Nut 1	ONT1	1.59	0.2	4.32	0.61	2.24	1	0.38	3.2	0	0.49
27	Trok Chan 1	TKC1	0.9	0.11	0.74	0.1	1.37	0.62	0.23	1.33	0	0.25
28	Trok Chan 2	TKC2	1.29	0.16	1.18	0.17	1.82	0.82	0.31	1.79	0	0.57
29	Thung Mahamek 1	TMM1	0.47	0.06	0.4	0.06	0.64	0.29	0.11	1.82	0	0.5
30	Thung Mahamek 2	TMM2	0.35	0.04	0.3	0.04	0.47	0.21	0.08	1.35	0	0.37
31	Sathupradit 1	STD1	0.08	0.01	0.09	0.01	0.09	0.04	0.02	0.15	0	0.32
32	Sathupradit 2	STD2	1.15	0.14	0.94	0.13	1.25	0.56	0.21	1.43	0	0.36
33	Thanon Tok 1	TNT1	0.17	0.02	0.57	0.08	0.63	0.28	0.11	0.45	0	0.22
34	Thanon Tok 2	TNT2	0.37	0.05	1.19	0.17	1.32	0.59	0.22	0.94	0	0.45
35	Khlong Toei 1	KTH1	3.66	0.46	2.28	0.32	2.47	1.11	0.42	2.72	0	0.5
36	Hua Mak 1	HAM1	0.79	0.1	3.54	0.5	1.19	0.54	0.2	2.87	0	0.31
37	Hua Mak 2	HAM2	3.73	0.47	8.85	1.25	4.77	2.15	0.81	6.4	0	0.65
38	Khlong Chan 1	KGC1	0.74	0.09	9.77	1.38	1.23	0.55	0.21	4.22	0	0.51
39	Khlong Chan 2	KGC2	1.88	0.24	7.66	1.08	3.61	1.62	0.61	4.32	0	0.47
40	Khlong Chan 3	KGC3	0.41	0.05	1.65	0.23	0.78	0.35	0.13	0.93	0	0.1
41	Ramkamhaeng 1	RKH1	0.47	0.06	1.91	0.27	0.9	0.4	0.15	1.08	0	0.12
42	Bang Chan 1	BGC1	3.42	0.43	8.63	1.22	4.69	2.11	0.8	2.59	0	0.38
43	Lat Krabang 1	LKG1	0.4	0.05	0.48	0.07	0.42	0.19	0.07	1.93	0	1.73
44	Bang Na 1	BNA1	0.74	0.09	1.84	0.26	1.05	0.47	0.18	2.11	0	0.58
45	Bang Na 2	BNA2	1.44	0.18	2.17	0.31	1.9	0.86	0.32	1.72	0	0.32
46	Bang Na 3	BNA3	0.5	0.06	0.75	0.11	0.65	0.29	0.11	0.59	0	0.11
47	Samut Prakan 1	SPK1	0.14	0.02	0.36	0.05	0.27	0.12	0.05	0.19	0	0.1
48	Samut Prakan 2	SPK2	0.22	0.03	0.26	0.04	0.32	0.14	0.05	0.31	0	0.07
49	Samut Prakan 3	SPK3	0.25	0.03	0.29	0.04	0.36	0.16	0.06	0.35	0	0.08
50	Bang Pu 1	BGU1	0.27	0.03	0.32	0.04	0.39	0.18	0.07	0.38	0	0.09
51	Pu Chao Saming Phrai 1	PSP1	0.42	0.05	1.31	0.18	0.68	0.31	0.12	1.61	0	0.23
52	Pu Chao Saming Phrai 2	PSP2	1.53	0.19	1.8	0.25	2.72	1.22	0.46	1.37	0	0.41
53	Bang Phli 1	BPL1	1.65	0.21	1.41	0.2	1.77	0.79	0.3	1.76	0	0.55
54	Bang Phli 2	BPL2	0.37	0.05	0.32	0.04	0.39	0.18	0.07	0.39	0	0.12
55	Bang Phli Bang Bo 1	BBB1	0.46	0.06	0.4	0.06	0.5	0.22	0.08	0.49	0	0.16
56	Thon Buri 1	TNB1	1.29	0.16	1.49	0.21	1.76	0.79	0.3	2.3	0	0
57	Lat Ya T8	LYT8	1.4	0.18	1.22	0.17	2.86	1.29	0.49	3.11	0	0
58	Phasi Charoen 1	PSN1	0.62	0.08	0.21	0.03	0.62	0.28	0.11	0.4	0	0

10-1 BMA Traffic Matrix in 1992(22/24)

NO	Switch Unit Name	ABBR	101	102	103	104	105	106	107	108	109	110
			LKST4	LKS2	RIT1	RIT2	PKK1	PTT1	BAN1	CWT1	MC1	MC2
59	Phasi Charoen 2	PSN2	1.02	0.13	0.91	0.13	1.18	0.53	0.2	1.45	0	0
60	Bang Phlat 1	BGT1	1.08	0.14	2.22	0.31	5.33	2.4	0.91	3.95	0	0
61	Bang Phlat 2	BGT2	3.53	0.44	4.8	0.68	11.61	5.22	1.97	7.34	0	0
62	Bang Phlat 3	BGT3	0.13	0.02	0.18	0.03	0.44	0.2	0.08	0.28	0	0
63	Bang Bue Thong 1	BBT1	0.46	0.06	0.62	0.09	1.51	0.68	0.26	0.95	0	0
64	Bang Bue Thong 2	BBT2	0.09	0.01	0.12	0.02	0.3	0.13	0.05	0.19	0	0
65	Charan Sanitwong 1	CSW1	0.74	0.09	1.02	0.14	1.34	0.6	0.23	2.13	0	0
66	Charan Sanitwong 2	CSW2	1.51	0.19	2.57	0.36	2.39	1.08	0.41	2.83	0	0
67	Bang Khae 1	BKE1	0.63	0.08	1.29	0.18	0.18	0.08	0.03	1.85	0	0
68	Bang Khae 2	BKE2	0.47	0.06	1.04	0.15	1.16	0.52	0.2	1.15	0	0
69	Nong Khaem 1	NGK1	0.85	0.11	1.09	0.15	1.66	0.75	0.28	1.45	0	0
70	Muban Settakit 1	MSK1	0.68	0.08	0.87	0.12	1.32	0.59	0.22	1.15	0	0
71	Dao khanong 1	DKN1	0.68	0.09	0.71	0.1	1.92	0.86	0.33	1.45	0	0
72	Dao khanong 2	DKN2	0.35	0.04	0.37	0.05	0.99	0.44	0.17	0.74	0	0
73	Phra Pradaeng 1	PPG1	0.31	0.04	0.19	0.03	0.85	0.38	0.14	0.21	0	0
74	Phra Pradaeng 2	PPG2	1.37	0.17	1.07	0.15	2.68	1.21	0.46	1.68	0	0
75	Ekkachai 1	EKC1	1.87	0.23	2.73	0.38	3.29	1.48	0.56	2.5	0	0
76	Ekkachai 2	EKC2	0.29	0.04	0.43	0.06	0.52	0.23	0.09	0.39	0	0
77	Rat Burana 1	RBN1	1.06	0.13	1.91	0.27	3.57	1.6	0.61	3.14	0	0
78	Phahonyothin 1	PYT1	4.32	0.54	4.16	0.59	4.18	1.88	0.71	9.4	0	0
79	Phahonyothin 2	PYT2	1.21	0.15	1.21	0.17	1.47	0.66	0.25	3.28	0	0
80	Phahonyothin T2	PYTT2	4.31	0.54	4.89	0.69	4.99	2.24	0.85	8.25	0	0
81	Inthamara 1	ITM1	1.57	0.2	2.49	0.35	2.5	1.13	0.43	4.23	0	0
82	Inthamara 2	ITM2	2.76	0.35	4.37	0.62	4.4	1.98	0.75	7.43	0	0
83	Bang Khen 1	BGN1	0.94	0.12	4.49	0.63	3.39	1.52	0.58	6.82	0	0
84	Bang Khen 2	BGN2	1.37	0.17	6.52	0.92	4.92	2.21	0.84	9.9	0	0
85	Lat Phrao 1-1	LTP1-1	1.34	0.17	1.97	0.28	1.46	0.66	0.25	2.88	0	0
86	Lat Phrao 1-2	LTP1-2	5.05	0.64	7.06	1	6.98	3.14	1.19	9.39	0	0
87	Lat Phrao 2-1	LTP2-1	0.13	0.02	0.96	0.14	0.18	0.08	0.03	0.2	0	0
88	Lat Phrao 2-1	LTP2-2	3.6	0.45	9.06	1.28	4.09	1.84	0.7	7.04	0	0
89	Don Muang 1	DNM1	1.66	0.21	2.72	0.38	2.7	1.21	0.46	3.67	0	0
90	Don Muang 2	DNM2	10.82	1.36	5.71	0.81	13.43	6.04	2.28	11.27	0	0
91	Thanyaburi 1	TYB1	1.06	0.13	0.5	0.08	1.32	0.59	0.22	1.11	0	0
92	Rangsit 1	RST1	2.4	0.3	1.27	0.18	2.98	1.34	0.51	2.5	0	0
93	Nawa Nakhon 1	NWN1	5.05	0.64	1.05	0.15	2.17	0.98	0.37	1.96	0	0
94	Bang Su 1	BGS1	1.41	0.18	1.96	0.28	5.12	2.3	0.87	5.5	0	0
95	Bang Su 2	BGS2	2.57	0.32	1.73	0.24	4.35	1.96	0.74	3.22	0	0
96	Ngam Wong Wan 1	NWW1	0.79	0.1	0.96	0.13	4.33	1.94	0.74	2.62	0	0
97	Ngam Wong Wan 2	NWW2	4.9	0.62	6.58	0.93	10.9	4.9	1.85	14.87	0	0
98	Nonthaburi 1	NTB1	0.03	0	0.77	0.11	2.19	0.98	0.37	1.18	0	0
99	Nonthaburi 2	NTB2	0.08	0.01	2.09	0.29	5.91	2.66	1	3.19	0	0
100	Lak Si 1	LKS1	1.11	0.14	4.39	0.62	2.51	1.13	0.43	4.01	0	0
101	Lak Si T4	LKST4	9.12	1.15	2.89	0.41	5.08	2.28	0.86	2.83	0	0
102	Lak Si 2	LKS2	1.15	0.14	0.36	0.05	0.64	0.29	0.11	0.36	0	0
103	Ram Inthra 1	RIT1	2.87	0.36	27.78	3.92	2.62	1.18	0.45	5.35	0	0
104	Ram Inthra 2	RIT2	0.4	0.05	3.92	0.55	0.37	0.17	0.06	0.75	0	0
105	Pak Kret 1	PKK1	1.23	0.15	2.44	0.34	89.86	40.4	15.27	9.65	0	0
106	Pathum Thani 1	PTT1	0.55	0.07	1.1	0.15	40.4	18.16	6.86	4.34	0	0
107	Bang Phun 1	BAN1	0.21	0.03	0.41	0.06	15.27	6.86	2.59	1.64	0	0
108	Chaeng Watthana 1	CWT1	3.48	0.44	4.89	0.69	13.38	6.02	2.27	28.36	0	0
109	Lak Si TC	LSTC	51.08	6.42	16.83	2.37	29.25	13.15	4.97	29.94	0	0
110	Phra Khanong TC	PNTC	0	0	0	0	0	0	0	0	0	0
111	Lat Ya TC	LYTC	0	0	0	0	0	0	0	0	0	0
112	Lak Si International	LSIT	3.65	0.46	0.84	0.12	0.2	0.09	0.03	0.98	0	0
113	Phra Khanong Internatio	PNIT	0	0	0	0	0	0	0	0	0	0
114	Lat Ya International	LYIT	0	0	0	0	0	0	0	0	0	0
	IC Total		251.93	31.66	299	42.17	487.43	219.11	82.84	441.66	17.35	12.57

10-1 BMA Traffic Matrix in 1992(23/24)

NO	Switch Unit Name	ABBR	111 MC3	112 MC4	113 13	114 LSTC	115 PNTC	116 LYTC	117 LSIT	118 PNIT	119 LYIT	TOTAL
1	Phloen Chit 1	PNC1	0	0	2.91	0	0	33.11	0	0	16.48	753.89
2	Phloen Chit 2	PNC2	0	0	2.28	0	0	29.23	0	0	13.66	686.21
3	Phloen Chit 3	PNC3	0	0	14.33	0	0	118.24	0	0	85.42	2618.57
4	Asok Din Daeng 1	ASD1	0	0	2.58	0	20.94	0	0	2.48	0	578.61
5	Asok Din Daeng 2	ASD2	0	0	10.76	0	42.35	0	0	10.67	0	1620.42
6	Sukhumwit 1	SKW1	0	0	9.5	0	0	83.04	0	0	39.27	2268.5
7	Samran Rat 1	SRR1	0	0	2.65	13.6	0	0	5.42	0	0	525.37
8	Samran Rat 2	SRR2	0	0	2.74	16.55	0	0	5.49	0	0	595.16
9	Samran Rat 3	SRR3	0	0	2.72	27.39	0	0	5.5	0	0	615
10	Samran Rat 4	SRR4	0	0	6.07	58.18	0	0	19.57	0	0	1226.48
11	Krung Kasem 2	KKM2	0	0	2.42	28.15	0	0	5.66	0	0	731.07
12	Krung Kasem 3	KKM3	0	0	3.43	36.12	0	0	8.86	0	0	931.28
13	Samsen 1	SMS1	0	0	2.28	12.05	0	0	0.45	0	0	325.35
14	Samsen 2	SMS2	0	0	1.61	7.68	0	0	0.5	0	0	871.49
15	Pathum Wan 1	PTW1	0	0	1.35	10.36	0	0	1.18	0	0	269.52
16	Pathum Wan 2	PTW2	0	0	3.94	42.66	0	0	4.53	0	0	756.27
17	Surawong 1	SRW1	0	0	2.79	0	0	36.3	0	0	30.76	797.28
18	Surawong 2	SRW2	0	0	2.78	0	0	35.97	0	0	30.51	786.56
19	Surawong 3	SRW3	0	0	2.62	0	0	35.25	0	0	29.94	788.82
20	Surawong 4	SRW4	0	0	6.3	0	0	57.05	0	0	95.11	1425.75
21	Surawong 5	SRW5	0	0	0.98	0	0	8.87	0	0	14.78	221.59
22	Chaiyaphruk 1	CYP1	0	0	3.84	0	39.13	0	0	15.86	0	605.67
23	Chaiyaphruk 2	CYP2	0	0	3.61	0	27.92	0	0	11.31	0	582.79
24	Phra Khanong 1	PKG1	0	0	1.95	0	9.59	0	0	4.96	0	241.03
25	Phra Khanong 2	PKG2	0	0	1.7	0	14.22	0	0	12.82	0	374.49
26	On Nut 1	ONT1	0	0	2.49	0	16.28	0	0	1.88	0	534.08
27	Trok Chan 1	TKC1	0	0	2.56	0	0	11.43	0	0	1.75	352.95
28	Trok Chan 2	TKC2	0	0	1.89	11.12	0	0	3.94	0	0	381.54
29	Thung Mahamek 1	TMM1	0	0	2.1	0	0	8.88	0	0	1.78	212.32
30	Thung Mahamek 2	TMM2	0	0	1.55	0	0	6.58	0	0	1.32	158.06
31	Sathupradit 1	STD1	0	0	0.1	0	0	4.02	0	0	0.27	87.62
32	Sathupradit 2	STD2	0	0	1.37	0	0	14.46	0	0	1.3	363.65
33	Thanon Tok 1	TNT1	0	0	2.02	0	0	10.87	0	0	1.03	189
34	Thanon Tok 2	TNT2	0	0	4.26	0	0	22.92	0	0	2.17	428.02
35	Khlong Toei 1	KTI1	0	0	2.84	0	0	25.19	0	0	8.75	617.92
36	Hua Mak 1	HAM1	0	0	1.85	0	19.37	0	0	2.75	0	406.56
37	Hua Mak 2	HAM2	0	0	6.34	0	49.9	0	0	10.31	0	1114.22
38	Khlong Chan 1	KGC1	0	0	3.57	0	10.75	0	0	0.58	0	426.14
39	Khlong Chan 2	KGC2	0	0	2.37	0	21.06	0	0	1.6	0	514.74
40	Khlong Chan 3	KGC3	0	0	0.51	0	4.54	0	0	0.34	0	111.08
41	Ramkamhaeng 1	RKH1	0	0	0.59	0	5.26	0	0	0.4	0	128.6
42	Bang Chan 1	BGC1	0	0	2.25	12.24	0	0	0.13	0	0	469.47
43	Lat Krabang 1	LKG1	0	0	0.67	0	5.29	0	0	2.07	0	233.62
44	Bang Na 1	BNA1	0	0	3.56	0	17.35	0	0	2.72	0	443.5
45	Bang Na 2	BNA2	0	0	1.73	0	20.15	0	0	4.3	0	395.44
46	Bang Na 3	BNA3	0	0	0.56	0	6.92	0	0	1.48	0	136.73
47	Samut Prakan 1	SPK1	0	0	0.66	0	5.16	0	0	0.65	0	118.37
48	Samut Prakan 2	SPK2	0	0	0.31	0	3.61	0	0	0.62	0	88.94
49	Samut Prakan 3	SPK3	0	0	0.35	0	4.11	0	0	0.71	0	101.27
50	Bang Pu 1	BGU1	0	0	0.38	0	4.48	0	0	0.77	0	120.39
51	Pu Chao Saming Phrai 1	PSP1	0	0	1.67	0	13.6	0	0	3.44	0	465.51
52	Pu Chao Saming Phrai 2	PSP2	0	0	1.79	0	18.79	0	0	9.79	0	472.07
53	Bang Phli 1	BPL1	0	0	1.82	0	18.69	0	0	4.18	0	468.17
54	Bang Phli 2	BPL2	0	0	0.41	0	4.17	0	0	0.93	0	104.37
55	Bang Phli Bang Bo 1	BBB1	0	0	0.51	0	5.25	0	0	1.17	0	131.49
56	Thon Buri 1	TNB1	0.84	0	5.29	0	0	17.12	0	0	1.71	519.1
57	Lat Ya T8	LYT8	1.05	0	0.47	0	0	17.76	0	0	2.93	637.95
58	Phasi Charoen 1	PSN1	0.24	0	0.91	0	0	7.45	0	0	0.57	185.72

10-1 BMA Traffic Matrix in 1992(24/24)

NO	Switch Unit Name	ABBR	111	112	113	114	115	116	117	118	119	TOTAL
			MC3	MC4	13	LSTC	PNTC	LYTC	LSIT	PNIT	LYIT	
59	Phasi Charoen 2	PSN2	0.31	0	0.77	0	0	21.75	0	0	1.94	249.3
60	Bang Phlat 1	BGT1	0.52	0	2.88	0	0	15.77	0	0	0.82	477.81
61	Bang Phlat 2	BGT2	1.16	0	5.37	0	0	37.51	0	0	4.15	1139.58
62	Bang Phlat 3	BGT3	0.04	0	0.2	0	0	1.43	0	0	0.16	60.3
63	Bang Bue Thong 1	BBT1	0.15	0	0.7	4.88	0	0	0.54	0	0	148.21
64	Bang Bue Thong 2	BBT2	0.03	0	0.14	0.95	0	0	0.11	0	0	29
65	Charan Sanitwong 1	CSW1	0.33	0	1.06	0	0	6.47	0	0	0.17	240.2
66	Charan Sanitwong 2	CSW2	0.38	0	2.35	0	0	19.08	0	0	0.78	461.94
67	Bang Khae 1	BKE1	0.3	0	1.36	0	0	3.91	0	0	0.54	173.72
68	Bang Khae 2	BKE2	0.27	0	0.76	0	0	9.35	0	0	1.17	204.35
69	Nong Khaem 1	NGK1	0.85	0	1.39	0	0	24.73	0	0	3.47	761.99
70	Muban Settakit 1	MSK1	0.68	0	1.1	0	0	19.63	0	0	2.75	318.89
71	Dao khanong 1	DKN1	0.31	0	2.67	0	0	9.62	0	0	0.87	313.93
72	Dao khanong 2	DKN2	0.16	0	1.37	0	0	4.94	0	0	0.45	161.29
73	Phra Pradaeng 1	PPG1	0.06	0	0.99	0	0	1.77	0	0	0.14	74.62
74	Phra Pradaeng 2	PPG2	0.45	0	1.61	0	0	18.08	0	0	2.11	450.11
75	Ekkachai 1	EKC1	0.85	0	3.05	0	0	30.22	0	0	3.76	911.13
76	Ekkachai 2	EKC2	0.13	0	0.48	0	0	4.74	0	0	0.59	142.87
77	Rat Burana 1	RBN1	0.71	0	2.43	0	0	15.67	0	0	1.95	590.92
78	Phahonyothin 1	PYT1	0	0.81	3.5	0	29.58	0	0	3.14	0	619.49
79	Phahonyothin 2	PYT2	0	0.23	1.35	0	8.93	0	0	1.53	0	208.95
80	Phahonyothin T2	PYTT2	0	0.7	4.29	0	25.16	0	0	4.66	0	690.87
81	Inthamara 1	ITM1	0	0.44	2.16	0	14.28	0	0	1.68	0	373.04
82	Inthamara 2	ITM2	0	0.77	3.8	0	25.11	0	0	2.95	0	686.04
83	Bang Khen 1	BGN1	0	0.42	2.26	14.3	0	0	1.73	0	0	368.84
84	Bang Khen 2	BGN2	0	0.6	3.27	20.75	0	0	2.51	0	0	950.02
85	Lat Phrao 1-1	LTP1-1	0	1.74	2.28	0	6	0	0	0.89	0	196.21
86	Lat Phrao 1-2	LTP1-2	0	0.62	4.17	34.4	0	0	5.32	0	0	827.94
87	Lat Phrao 2-1	LTP2-1	0	0.11	1.14	0	3.56	0	0	0.15	0	87.43
88	Lat Phrao 2-1	LTP2-2	0	0.5	1.96	17.14	0	0	2.99	0	0	590.64
89	Don Muang 1	DNM1	0	0.22	0.44	4.81	0	0	1.73	0	0	187.8
90	Don Muang 2	DNM2	0	0.52	3.1	24.5	0	0	7.82	0	0	606.94
91	Thanyaburi 1	TYB1	0	0.05	0.3	2.41	0	0	0.77	0	0	126.47
92	Rangsit 1	RST1	0	0.12	0.69	5.44	0	0	1.74	0	0	134.66
93	Nawa Nakhon 1	NWN1	0	0.22	1.04	9.51	0	0	11.39	0	0	249.78
94	Bang Su 1	BGS1	0	0.24	2.77	0	9.71	0	0	0.7	0	317.44
95	Bang Su 2	BGS2	0	0.25	1.27	29.47	0	0	2.06	0	0	297.03
96	Ngam Wong Wan 1	NWW1	0	0.08	0.76	3.69	0	0	0.13	0	0	141.82
97	Ngam Wong Wan 2	NWW2	0	0.49	3.21	25.89	0	0	0.85	0	0	636.88
98	Nonthaburi 1	NTB1	0	0.65	1.92	0	4.45	0	0	0.09	0	115.35
99	Nonthaburi 2	NTB2	0	1.74	5.18	12	0	0	0.24	0	0	311.2
100	Lak Si 1	LKS1	0	0.64	1.31	18.99	0	0	2.26	0	0	231.08
101	Lak Si T4	LKST4	0	0.26	1.31	13.73	0	0	4.16	0	0	280.14
102	Lak Si 2	LKS2	0	0.03	0.16	1.73	0	0	0.52	0	0	35.23
103	Ram Inthra 1	RIT1	0	0.28	1.44	11.15	0	0	1.06	0	0	320.48
104	Ram Inthra 2	RIT2	0	0.04	0.2	1.57	0	0	0.15	0	0	71.92
105	Pak Kret 1	PKK1	0	0.26	1.91	16.7	0	0	0.2	0	0	475.58
106	Pathum Thani 1	PTT1	0	0.11	0.86	7.51	0	0	0.09	0	0	310.26
107	Bang Phun 1	BAN1	0	0.04	0.32	2.84	0	0	0.03	0	0	80.18
108	Chaeng Watthana 1	CWT1	0	0.38	2.42	14.49	0	0	1.12	0	0	441.33
109	Lak Si TC	LSTC	0	0	0	0	0	0	0	0	0	1190.41
110	Phra Khanong TC	PNTC	0	0	0	0	0	0	0	0	0	874.79
111	Lat Ya TC	LYTC	0	0	0	0	0	0	0	0	0	1166.48
112	Lak Si International	LSIT	0	0	0	0	0	0	0	0	0	120.77
113	Phra Khanong Internatio	PNIT	0	0	0	0	0	0	0	0	0	106.71
114	Lat Ya International	LYIT	0	0	0	0	0	0	0	0	0	354.07
	IC Total		9.82	13.56	249.36	574.95	535.66	828.41	110.75	124.58	405.33	54010.21

