

GROWTH RATE OF PLANTED AREA BY AMPHOE

(1981 - 2001)

(UNIT : % P.A.)

SED. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME
	0500									
55	0501	-	-	-	-	1.5	1.0	0.2	-	-
56	0502	0.6	-	-	-	1.5	1.0	0.2	-	-
57	0503	0.3	-	-	-	1.5	1.0	0.2	-	-
58	0504	-	-	-	-	1.5	1.0	0.2	-	-
59	0505	-	-	-	-	1.5	1.0	0.2	-	-
60	0506	-	-	-	-	1.5	1.0	0.2	-	-
61	0507	0.3	-	-	-	1.5	1.0	0.2	-	-
62	0508	-	-	-	-	1.5	1.0	0.2	-	-
63	0509	1.7	-	-	-	1.5	1.0	0.2	-	-
64	0510	-	-	-	-	1.5	1.0	0.2	-	-
65	0511	-	-	-	-	1.5	1.0	0.2	-	-
66	0512	-	-	-	-	1.5	1.0	0.2	-	-
67	0513	0.4	-	-	-	1.5	1.0	0.2	-	-
68	0514	-	-	-	-	1.5	1.0	0.2	-	-
69	0515	-	-	-	-	1.5	1.0	0.2	-	-
	0600									
70	0601	1.5	0.4	-	-	1.5	0.3	-	-	-
71	0602	-	0.4	-	-	1.5	0.3	-	-	-
72	0603	-	0.4	-	-	1.5	0.3	-	-	-
73	0604	1.1	0.4	-	-	0.1	0.3	-	-	-
74	0605	0.7	0.4	-	-	1.5	0.3	-	-	-
75	0606	-	0.4	-	-	1.5	0.3	-	-	-
76	0607	0.2	0.4	-	-	1.5	0.3	-	-	-
77	0608	-	0.4	-	-	1.5	0.3	-	-	-
78	0609	1.1	0.4	-	-	1.5	0.3	-	-	-
79	0610	-	0.4	-	-	1.5	0.3	-	-	-
80	0611	-	0.4	-	-	1.5	0.3	-	-	-
81	0612	1.5	0.4	-	-	1.5	0.3	-	-	-
82	0613	1.7	0.4	-	-	1.5	0.3	-	-	-
83	0614	1.4	0.4	-	-	1.5	0.3	-	-	-
84	0615	0.3	0.4	-	-	1.5	0.3	-	-	-
85	0616	1.0	0.4	-	-	1.5	0.3	-	-	-
86	0617	1.8	0.4	-	-	1.5	0.3	-	-	-
87	0618	0.3	0.4	-	-	1.5	0.3	-	-	-
88	0619	0.4	0.4	-	-	1.5	0.3	-	-	-

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	0700									
89	0701	0.5	-	-	-	2.7	0.3	-	-	-
90	0702	1.2	-	-	-	2.7	0.3	-	-	-
91	0703	2.5	-	-	-	2.7	0.3	-	-	-
92	0704	-	-	-	-	2.7	0.3	-	-	-
93	0705	-2.0	-	-	-	2.7	0.3	-	-	-
94	0706	-	-	-	-	2.7	0.3	-	-	-
95	0707	0.8	-	-	-	2.7	0.3	-	-	-
96	0708	0.7	-	-	-	2.7	0.3	-	-	-
97	0709	0.6	-	-	-	2.7	0.3	-	-	-
98	0710	0.4	-	-	-	2.7	0.3	-	-	-
	0800									
99	0801	0.7	-	-	-	0.1	-	-	0.7	-
100	0802	0.5	-	-	-	0.1	-	-	0.7	-
101	0803	-	-	-	-	0.1	-	-	0.7	-
102	0804	0.2	-	-	-	0.1	-	-	0.7	-
103	0805	0.2	-	-	-	0.1	-	-	0.7	-
104	0806	0.5	-	-	-	0.1	-	-	0.7	-
105	0807	-	-	-	-	0.1	-	-	0.7	-
106	0808	0.7	-	-	-	0.1	-	-	0.7	-
107	0809	-	-	-	-	0.1	-	-	0.7	-
108	0810	1.1	-	-	-	0.1	-	-	0.7	-
109	0811	-	-	-	-	0.1	-	-	0.7	-
110	0812	0.5	-	-	-	0.1	-	-	0.7	-
111	0813	-	-	-	-	0.1	-	-	0.7	-

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SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME
	0900									
112	0901	0.5	-	2.6	-	0.2	-	-	-	-
113	0902	-	-	2.6	-	0.2	-	-	-	-
114	0903	-	-	2.6	-	0.2	-	-	-	-
115	0904	0.1	-	2.6	-	0.2	-	-	-	-
116	0905	-	-	2.6	-	0.2	-	-	-	-
117	0906	0.4	-	2.6	-	0.2	-	-	-	-
118	0907	0.4	-	2.6	-	0.2	-	-	-	-
119	0908	-	-	2.6	-	0.2	-	-	-	-
120	0909	0.5	-	2.6	-	0.2	-	-	-	-
121	0910	0.2	-	2.6	-	0.2	-	-	-	-
122	0911	0.6	-	2.6	-	0.2	-	-	-	-
123	0912	-	-	2.6	-	0.2	-	-	-	-
124	0913	0.6	-	2.6	-	0.2	-	-	-	-
125	0914	1.1	-	2.6	-	0.2	-	-	-	-
126	0915	-	-	2.6	-	0.2	-	-	-	-
	1000									
127	1001	-	-	-	-	0.1	-	-	-	-
128	1002	0.5	-	-	-	0.1	-	-	-	-
129	1003	-	-	-	-	0.1	-	-	-	-
130	1004	-	-	-	-	0.1	-	-	-	-
131	1005	-	-	-	-	0.1	-	-	-	-
132	1006	0.5	-	-	-	0.1	-	-	-	-
133	1007	0.4	-	-	-	0.1	-	-	-	-
134	1008	0.3	-	-	-	0.1	-	-	-	-

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SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME
1100										
135	1101	0.5	0.3	-	-	0.2	-	-0.2	-	-
136	1102	0.2	0.3	-	-	0.2	-	-0.2	-	-
137	1103	0.2	0.3	-	-	0.2	-	-0.2	-	-
138	1104	0.2	0.3	-	-	0.2	-	-0.2	-	-
139	1105	-	0.3	-	-	0.2	-	-0.2	-	-
140	1106	0.5	0.3	-	-	0.2	-	-0.2	-	-
141	1107	0.2	0.3	-	-	0.2	-	-0.2	-	-
142	1108	0.2	0.3	-	-	0.2	-	-0.2	-	-
143	1109	0.3	0.3	-	-	0.2	-	-0.2	-	-
144	1110	-	0.3	-	-	0.2	-	-0.2	-	-
145	1111	0.1	0.3	-	-	0.2	-	-0.2	-	-
146	1112	-	0.3	-	-	0.2	-	-0.2	-	-
147	1113	-	0.3	-	-	0.2	-	-0.2	-	-
148	1114	-	0.3	-	-	0.2	-	-0.2	-	-
149	1115	-	0.3	-	-	0.2	-	-0.2	-	-
150	1116	-	0.3	-	-	0.2	-	-0.2	-	-
151	1117	-	0.3	-	-	0.2	-	-0.2	-	-
152	1118	-	0.3	-	-	0.2	-	-0.2	-	-
153	1119	-	0.3	-	-	0.2	-	-0.2	-	-
154	1120	-	0.3	-	-	0.2	-	-0.2	-	-
1200										
155	1201	0.6	1.0	0.2	1.0	1.0	-	-	2.0	-
156	1202	-	1.0	0.2	1.0	1.0	-	-	2.0	-
157	1203	-	1.0	0.2	1.0	1.0	-	-	2.0	-
158	1204	0.4	1.0	0.2	1.0	1.0	-	-	2.0	-
159	1205	0.5	1.0	0.2	1.0	1.0	-	-	2.0	-
160	1206	-	1.0	0.2	1.0	1.0	-	-	2.0	-
161	1207	0.3	1.0	0.2	1.0	1.0	-	-	2.0	-
162	1208	-	1.0	0.2	1.0	1.0	-	-	2.0	-
163	1209	-0.3	1.0	0.2	1.0	1.0	-	-	2.0	-
164	1210	0.1	1.0	0.2	1.0	1.0	-	-	2.0	-
165	1211	-	1.0	0.2	1.0	1.0	-	-	2.0	-
166	1212	-	1.0	0.2	1.0	1.0	-	-	2.0	-
167	1213	-	1.0	0.2	1.0	1.0	-	-	2.0	-

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1300										
168	1301	0.5	1.0	0.1	-	0.1	-	-0.5	2.5	-
169	1302	-	0.1	-	-	-	-	-0.5	2.5	-
170	1303	-	1.0	0.1	-	0.1	-	-0.5	2.5	-
171	1304	-	1.0	0.1	-	0.1	-	-0.5	2.5	-
172	1305	-	1.0	0.1	-	0.1	-	-0.5	2.5	-
173	1306	0.3	1.0	0.1	-	0.1	-	-0.5	2.5	-
174	1307	-	1.0	0.1	-	0.1	-	-0.5	2.5	-
175	1308	0.3	1.0	0.1	-	0.1	-	-0.5	2.5	-
176	1309	-	1.0	0.1	-	0.1	-	-0.5	2.5	-
177	1310	0.2	1.0	0.1	-	0.1	-	-0.5	2.5	-
178	1311	0.2	1.0	0.1	-	0.1	-	-0.5	2.5	-
179	1312	-	1.0	0.1	-	0.1	-	-0.5	2.5	-
180	1313	-	1.0	0.1	-	0.1	-	-0.5	2.5	-
181	1314	0.1	1.0	0.1	-	0.1	-	-0.5	2.5	-
182	1315	2.0	1.0	0.1	-	0.1	-	-0.5	2.5	-
183	1316	0.2	1.0	0.1	-	0.1	-	-0.5	2.5	-
184	1317	-	0.1	-	-	-	-	-0.5	2.5	-
185	1318	-	1.0	0.1	-	0.1	-	-0.5	2.5	-
186	1319	0.4	1.0	0.1	-	0.1	-	-0.5	2.5	-
187	1320	-	1.0	0.1	-	0.1	-	-0.5	2.5	-
188	1321	-	0.1	0.1	-	0.1	-	-0.5	2.5	-
1400										
189	1401	-	0.7	-	0.2	0.2	-	-0.9	-	1.0
190	1402	0.4	0.7	-	0.2	0.2	-	-0.9	-	1.0
191	1403	0.1	0.7	-	0.2	0.2	-	-0.5	-	1.0
192	1404	0.1	0.7	-	0.2	0.2	-	-	-	1.0
193	1405	-	0.7	-	0.2	0.2	-	0.5	-	1.0
194	1406	-	0.7	-	0.2	0.2	-	-	-	1.0
195	1407	-	0.7	-	0.2	0.2	-	-	-	1.0
196	1408	0.2	0.7	-	0.2	0.2	-	-	-	1.0
197	1409	-	0.7	-	0.2	0.2	-	-	-	1.0
198	1410	-	0.7	-	0.2	0.2	-	-0.2	-	1.0
199	1411	-	0.7	-	0.2	0.2	-	0.1	-	1.0
200	1412	-	0.7	-	0.2	0.2	-	-0.5	-	1.0

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1500										
201	1501	0.8	0.4	-	0.4	0.1	-	-0.5	-	-
202	1502	0.1	0.4	-	0.4	0.1	-	-0.5	-	-
203	1503	0.4	0.4	-	0.4	0.1	-	0.5	-	-
204	1504	1.0	0.4	-	0.4	0.1	-	-0.5	-	-
205	1505	0.5	0.4	-	0.4	0.1	-	-0.5	-	-
206	1506	0.1	0.4	-	0.4	0.1	-	-	-	-
207	1507	0.5	0.4	-	0.4	0.1	-	1.0	-	-
208	1508	0.5	0.4	-	0.4	0.1	-	-	-	-
209	1509	1.0	0.4	-	0.4	0.1	-	0.5	-	-
210	1510	-	0.4	-	0.4	0.1	-	-	-	-
211	1511	-	0.4	-	0.4	0.1	-	-0.5	-	-
212	1512	-	0.4	-	0.4	0.1	-	0.5	-	-
213	1513	0.1	0.4	-	0.4	0.1	-	-	-	-
1600										
214	1601	0.2	-	-	-	-	-	-	-	-
215	1602	0.2	-	-	-	-	-	0.2	-	-
216	1603	0.2	-	-	0.4	-	-	0.3	-	-
217	1604	0.3	-	-	-	-	-	0.5	-	-
218	1605	0.3	-	-	-	-	-	0.1	-	-
219	1606	-	-	-	-	-	-	-0.2	-	-
220	1607	0.3	-	-	-	0.2	-	0.1	-	-
221	1608	-	-	-	0.4	-	-	0.1	-	-
222	1609	0.5	-	-	-	0.5	-	-0.2	-	-
223	1610	-	0.9	-	0.5	-	-	-0.2	-	-
224	1611	0.2	-	-	0.1	-	-	-0.1	-	-
225	1612	-	-	-	0.6	-	-	-0.5	-	-
226	1613	-	0.6	-	0.5	0.5	-	0.5	-	-

(5) PLANTED AREA BY AMPHOE

(1993)

(UNIT : 1000 RAI)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	TOTAL	30,318.200	3,201.820	230.473	318.217	5,293.570	468.136	1,397.290	222.161	178.940	11,310.600	41,628.800
	0100	383.944	1,176.760	142.098	31.570	41.625	7.200	27.008	118.402	95.104	1,639.770	2,023.710
1	0101	77.456	265.370	32.974	1.500	4.671	0.400	0.532	32.760	16.339	354.545	432.001
2	0102	27.937	70.570	11.414	1.100	0.350	-	0.089	0.359	44.510	128.391	156.328
3	0103	52.234	130.484	6.396	1.200	21.456	-	0.062	42.205	9.465	211.268	263.502
4	0104	28.847	77.970	10.146	1.200	2.654	-	-	25.347	7.324	124.641	153.488
5	0105	11.739	105.530	46.164	0.070	1.168	0.800	-	0.598	0.338	154.667	166.406
6	0106	10.647	32.521	0.380	1.000	-	0.200	-	0.060	0.113	34.274	44.921
7	0107	55.146	120.002	12.302	16.300	1.868	-	-	1.793	1.465	153.730	208.876
8	0108	13.104	20.813	0.634	0.500	0.350	-	0.177	0.096	0.225	22.796	35.900
9	0109	79.170	239.678	4.439	2.800	2.569	0.700	23.046	5.500	10.141	288.873	368.043
10	0110	27.664	113.823	17.248	5.900	6.539	5.100	3.102	9.685	5.183	166.580	194.244
	0200	2,608.690	275.331	2.502	7.400	369.908	278.438	159.900	3.506	-	1,096.990	3,705.670
11	0201	246.383	-	0.060	0.500	11.043	8.000	2.100	0.006	-	21.709	268.093
12	0202	50.228	75.360	0.700	0.600	72.342	0.113	1.800	3.400	-	154.315	204.543
13	0203	93.960	20.918	0.020	0.500	19.128	0.202	4.700	-	-	45.469	139.429
14	0204	179.684	1.073	0.160	0.800	22.424	12.620	2.200	-	-	39.277	218.961
15	0205	66.627	2.548	-	0.400	10.029	14.423	1.300	-	-	28.700	95.326
16	0206	204.862	0.027	0.040	0.300	5.071	0.225	1.000	0.030	-	6.693	211.555
17	0207	114.062	-	0.060	0.200	0.225	-	0.300	-	-	0.785	114.848
18	0208	148.364	0.402	0.100	0.200	32.565	15.212	4.600	0.040	-	53.120	201.484
19	0209	65.823	0.013	0.300	0.030	0.563	0.338	0.500	-	-	1.745	67.568
20	0210	89.204	172.040	0.400	0.200	16.226	4.169	62.400	-	-	255.436	344.640
21	0211	174.000	0.134	0.100	0.100	13.297	0.023	8.200	0.020	-	21.873	195.873
22	0212	246.580	0.268	0.200	0.400	8.226	0.225	12.800	-	-	22.119	268.699
23	0213	174.182	-	-	0.300	8.564	0.113	2.900	0.010	-	11.887	186.069
24	0214	71.306	-	0.030	0.200	42.369	3.380	0.900	-	-	46.879	118.186
25	0215	67.302	1.475	-	0.400	22.536	30.988	2.700	-	-	58.099	125.401
26	0216	243.451	0.805	0.300	1.600	26.818	110.429	2.500	-	-	142.452	385.903
27	0217	240.236	0.268	0.020	0.600	29.185	20.734	31.200	-	-	82.006	322.243
28	0218	35.337	-	0.010	0.030	5.972	8.564	2.400	-	-	16.976	52.313
29	0219	60.900	-	0.002	0.040	6.198	46.200	8.600	-	-	61.039	121.939
30	0220	36.192	-	-	-	17.128	2.479	6.800	-	-	26.407	62.599

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SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	0300	1,143.650	15.700	10.295	7.450	403.627	10.577	49.500	12.969	-	510.118	1,653.770
31	0301	160.767	0.300	1.240	0.100	3.927	1.883	0.600	-	-	8.049	168.816
32	0302	16.110	1.400	5.747	0.050	6.545	0.031	-	11.644	-	25.417	41.527
33	0303	40.320	0.200	0.451	0.200	117.583	0.094	0.100	1.239	-	119.867	160.187
34	0304	91.268	2.800	0.113	0.700	8.726	1.255	1.900	-	-	15.494	106.762
35	0305	284.310	-	2.704	4.900	60.210	6.277	21.200	0.062	-	95.353	379.663
36	0306	36.617	8.700	0.040	0.400	20.990	0.031	6.000	-	-	36.162	72.779
37	0307	86.220	0.200	-	-	54.756	-	2.700	-	-	57.656	143.876
38	0308	195.210	0.600	-	0.100	29.669	0.314	2.900	-	-	33.582	228.792
39	0309	52.020	1.300	-	0.200	43.194	0.063	5.600	-	-	50.357	102.377
40	0310	180.810	0.200	-	0.800	58.028	0.628	8.500	0.025	-	68.181	248.991
	0400	1,680.640	10.740	-	10.930	116.889	9.237	48.360	2.285	-	198.441	1,879.080
41	0401	316.574	1.300	-	2.366	7.671	0.300	4.400	0.589	-	16.626	333.200
42	0402	137.439	2.800	-	0.676	10.159	0.900	10.900	0.188	-	25.623	163.062
43	0403	69.658	0.700	-	0.113	5.183	0.005	5.100	0.024	-	11.124	80.782
44	0404	346.000	2.900	-	0.901	3.732	1.500	2.800	-	-	11.833	357.833
45	0405	157.045	-	-	0.113	0.726	-	1.700	-	-	2.538	159.583
46	0406	131.234	0.900	-	0.225	5.390	0.100	2.200	0.424	-	9.240	140.473
47	0407	24.900	0.040	-	0.225	11.610	0.700	0.500	-	-	13.075	37.975
48	0408	123.300	0.600	-	0.901	37.900	3.200	0.800	0.424	-	43.825	167.125
49	0409	59.915	0.100	-	0.338	0.104	0.200	0.060	0.047	-	0.849	60.764
50	0410	11.800	0.300	-	1.127	9.329	0.200	14.000	-	-	24.956	36.756
51	0411	106.100	0.200	-	2.479	2.073	2.100	0.800	0.377	-	8.029	114.129
52	0412	107.973	-	-	0.789	-	0.002	1.000	0.118	-	1.909	109.881
53	0413	46.600	0.300	-	0.451	20.732	0.020	2.800	0.047	-	24.350	70.950
54	0414	42.102	0.600	-	0.225	2.281	0.010	1.300	0.047	-	4.463	46.565

PLANTED AREA BY AMPHOE

(1993)

(UNIT : 1000 RAI)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	0500	1,218.630	4.800	0.840	6.616	85.702	24.603	42.456	-	-	165.017	1,383.650
55	0501	112.300	0.200	0.020	0.300	0.359	1.217	1.946	-	-	4.042	116.342
56	0502	57.911	0.300	0.280	0.400	5.022	1.420	2.356	-	-	9.777	67.689
57	0503	70.281	0.400	0.040	0.500	6.935	1.825	3.278	-	-	12.978	83.259
58	0504	77.000	-	-	0.004	0.060	0.020	0.031	-	-	0.115	77.115
59	0505	166.500	0.800	0.100	1.100	14.826	4.057	7.067	-	-	27.950	194.450
60	0506	81.300	0.100	0.010	0.100	1.913	0.608	0.922	-	-	3.653	84.953
61	0507	87.696	-	-	0.002	0.036	-	0.020	-	-	0.058	87.755
62	0508	135.900	0.100	0.010	0.100	1.315	0.406	0.615	-	-	2.545	138.445
63	0509	101.120	0.200	0.020	0.200	3.109	0.811	1.434	-	-	5.774	106.894
64	0510	28.000	0.040	-	0.100	0.717	0.203	0.307	-	-	1.367	29.367
65	0511	65.700	0.200	0.020	0.300	4.065	1.217	1.946	-	-	7.748	73.448
66	0512	126.100	2.100	0.300	3.000	41.129	11.156	19.563	-	-	77.248	203.348
67	0513	26.122	0.010	-	0.010	0.120	0.041	0.102	-	-	0.283	26.404
68	0514	37.700	0.050	0.010	0.100	0.956	0.203	0.410	-	-	1.729	39.429
69	0515	45.000	0.300	0.030	0.400	5.141	1.420	2.458	-	-	9.749	54.749
	0600	2,109.700	127.179	16.400	11.680	543.334	67.690	139.800	0.785	-	906.867	3,016.560
70	0601	274.992	-	-	3.900	31.408	2.902	1.200	-	-	39.411	314.403
71	0602	122.100	25.387	10.900	3.100	20.095	4.146	14.700	0.300	-	78.629	200.729
72	0603	65.200	99.976	3.700	0.200	141.858	-	16.400	-	-	262.134	327.334
73	0604	184.156	-	0.040	0.600	39.313	0.622	19.000	0.060	-	59.635	243.791
74	0605	131.565	-	1.000	0.150	12.504	0.622	6.500	-	-	20.776	152.340
75	0606	107.500	-	0.060	0.300	9.676	6.116	9.900	-	-	26.051	133.551
76	0607	40.254	-	0.020	0.700	18.607	3.628	4.600	0.005	-	27.560	67.814
77	0608	53.300	0.031	0.030	0.020	9.527	7.049	2.500	-	-	19.157	72.457
78	0609	163.745	-	0.100	0.300	17.267	18.970	2.600	0.020	-	39.257	203.002
79	0610	119.500	1.783	0.040	1.600	45.252	21.147	3.200	-	-	73.022	192.522
80	0611	62.000	-	-	0.100	8.187	0.829	5.500	-	-	14.616	76.616
81	0612	102.464	-	-	0.100	23.221	0.415	9.500	-	-	33.236	135.700
82	0613	184.854	-	-	0.200	64.603	1.037	10.400	0.400	-	76.639	261.493
83	0614	65.695	-	0.500	0.100	16.374	-	8.800	-	-	25.774	91.469
84	0615	62.092	-	-	0.100	11.164	-	9.600	-	-	20.864	82.956
85	0616	79.103	-	-	0.050	9.824	-	7.800	-	-	17.674	96.777
86	0617	134.153	-	0.010	0.100	32.748	-	2.600	-	-	35.458	169.611
87	0618	123.874	-	-	0.040	10.569	-	2.500	-	-	13.109	136.982
88	0619	33.151	-	-	0.020	21.137	0.207	2.500	-	-	23.865	57.015

PLANTED AREA BY AMPHOE

(1993)

(UNIT : 1000 RAI)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	0700	1,678.670	7.600	0.150	6.500	240.237	9.951	77.000	-	-	341.439	2,020.110
89	0701	168.913	1.000	-	1.800	43.780	-	14.000	-	-	60.580	229.492
90	0702	170.546	1.900	-	1.000	23.680	3.006	-	-	-	29.586	200.131
91	0703	248.132	0.400	-	0.100	36.758	0.933	-	-	-	38.191	286.323
92	0704	142.900	1.800	0.100	1.900	29.049	-	5.500	-	-	38.349	181.249
93	0705	202.300	1.100	-	0.600	39.925	4.768	11.600	-	-	57.993	260.293
94	0706	55.600	0.300	-	0.100	3.717	-	4.600	-	-	8.717	64.317
95	0707	139.523	0.100	0.030	0.300	37.997	0.311	17.000	-	-	55.738	195.261
96	0708	190.497	0.600	-	0.200	1.101	0.207	7.600	-	-	9.709	200.206
97	0709	71.556	-	0.020	0.200	23.129	0.726	10.000	-	-	34.074	105.631
98	0710	288.704	0.400	-	0.300	1.101	-	6.700	-	-	8.501	297.205
	0800	1,217.270	3.300	1.230	28.840	391.163	11.360	45.210	1.414	-	482.517	1,699.790
99	0801	147.222	-	-	7.700	96.247	0.010	0.100	-	-	104.057	251.279
100	0802	29.090	1.200	0.040	0.500	5.263	6.600	3.000	0.109	-	16.711	45.801
101	0803	62.400	1.400	0.010	0.300	77.119	-	0.100	-	-	78.929	141.329
102	0804	80.917	-	1.100	1.000	13.663	0.300	3.000	1.087	-	20.150	101.067
103	0805	61.353	0.300	0.020	0.200	33.499	0.100	0.010	-	-	34.129	95.483
104	0806	104.151	-	-	0.100	8.198	-	0.200	-	-	8.498	112.648
105	0807	63.600	-	-	0.100	22.873	0.400	6.400	-	-	29.773	93.373
106	0808	85.463	-	0.010	1.700	8.097	-	7.100	0.217	-	17.124	102.587
107	0809	119.600	-	0.050	0.800	66.796	0.700	19.700	-	-	88.046	207.646
108	0810	62.716	0.400	-	0.040	6.983	3.200	2.000	-	-	12.623	75.339
109	0811	182.300	-	-	6.600	35.827	0.050	0.300	-	-	42.777	225.077
110	0812	185.263	-	-	9.200	12.550	-	3.300	-	-	25.050	210.312
111	0813	33.200	-	-	0.600	4.048	-	-	-	-	4.648	37.848

PLANTED AREA BY AMPHOE

(1993)

(UNIT : 1000 RAI)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	0900	2,513.490	18.040	0.830	17.490	204.929	1.400	7.700	-	-	250.389	2,763.880
112	0901	298.140	3.600	-	4.900	1.506	-	5.400	-	-	15.406	313.546
113	0902	102.980	0.800	0.014	1.900	27.245	0.200	-	-	-	30.159	133.139
114	0903	203.015	4.200	0.408	1.300	125.974	0.100	-	-	-	131.983	334.998
115	0904	46.631	0.100	-	0.100	6.525	0.500	-	-	-	7.225	53.855
116	0905	80.655	0.400	0.136	0.300	27.245	0.600	-	-	-	28.682	109.337
117	0906	236.397	0.500	-	2.200	0.574	-	-	-	-	3.274	239.671
118	0907	207.595	0.800	0.272	1.200	10.540	-	-	-	-	12.812	220.407
119	0908	182.400	3.900	-	1.900	0.287	-	-	-	-	6.087	188.487
120	0909	39.335	0.100	-	0.090	0.358	-	-	-	-	0.548	39.884
121	0910	158.316	2.000	-	1.100	0.789	-	-	-	-	3.889	162.204
122	0911	152.186	0.300	-	0.100	-	-	-	-	-	0.400	152.586
123	0912	335.635	0.010	-	0.050	-	-	-	-	-	0.060	335.695
124	0913	253.338	0.030	-	0.800	3.657	-	2.300	-	-	6.787	260.125
125	0914	163.574	1.200	-	1.500	0.215	-	-	-	-	2.915	166.489
126	0915	53.295	0.100	-	0.050	0.014	-	-	-	-	0.164	53.459
	1000	1,040.020	-	-	3.060	56.188	-	78.400	-	-	137.648	1,177.670
127	1001	193.950	-	-	0.900	17.768	-	23.800	-	-	42.468	236.418
128	1002	72.332	-	-	0.100	5.538	-	3.500	-	-	9.138	81.470
129	1003	132.120	-	-	0.040	11.076	-	3.100	-	-	14.216	146.336
130	1004	217.800	-	-	1.300	13.268	-	21.600	-	-	36.168	253.968
131	1005	70.470	-	-	0.300	2.884	-	7.200	-	-	10.384	80.854
132	1006	135.587	-	-	0.300	5.653	-	9.300	-	-	15.253	150.840
133	1007	166.267	-	-	0.100	-	-	5.600	-	-	5.700	171.967
134	1008	51.498	-	-	0.020	-	-	4.300	-	-	4.320	55.818

PLANTED AREA BY AMPHOE

(1993)

(UNIT : 1000 RAI)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	1100	3,595.560	87.416	0.375	16.860	68.728	-	165.657	3.830	-	342.867	3,938.430
135	1101	201.600	0.031	-	0.200	0.922	-	7.966	-	-	9.119	210.719
136	1102	49.566	-	-	0.500	8.092	-	4.803	0.300	-	13.695	63.261
137	1103	227.760	-	-	0.200	2.458	-	0.117	0.020	-	2.795	230.555
138	1104	86.882	-	-	0.200	0.717	-	0.586	-	-	1.503	88.385
139	1105	347.852	-	-	0.200	10.140	-	7.263	-	-	17.604	365.456
140	1106	101.581	-	-	0.100	3.585	-	4.569	-	-	8.254	109.835
141	1107	201.375	-	-	0.200	0.307	-	27.062	-	-	27.569	228.944
142	1108	227.006	-	-	0.200	0.205	-	7.732	-	-	8.137	235.143
143	1109	106.334	-	-	0.060	0.922	-	1.523	0.010	-	2.515	108.849
144	1110	84.640	-	0.005	0.100	6.248	-	0.005	-	-	6.358	90.998
145	1111	214.898	-	0.020	0.300	1.332	-	2.460	-	-	4.112	219.010
146	1112	89.792	-	-	0.100	-	-	0.234	-	-	0.334	90.126
147	1113	121.164	-	0.020	0.100	1.741	-	1.874	-	-	3.736	124.900
148	1114	73.324	-	-	0.500	1.536	-	5.740	-	-	7.777	81.101
149	1115	415.380	-	-	1.300	4.302	-	20.384	-	-	25.986	441.366
150	1116	368.276	-	0.100	0.200	0.307	-	20.502	-	-	21.109	389.385
151	1117	382.720	3.732	0.100	2.900	12.291	-	32.802	0.100	-	51.925	434.645
152	1118	33.580	83.446	0.100	8.600	8.092	-	9.958	3.400	-	113.596	147.176
153	1119	77.464	0.207	0.030	0.200	1.332	-	1.523	-	-	3.292	80.756
154	1120	184.368	-	-	0.700	4.199	-	8.552	-	-	13.452	197.820
	1200	1,276.570	229.647	15.815	23.990	317.201	12.300	184.000	6.608	-	789.560	2,066.130
155	1201	206.826	17.917	1.229	4.395	54.764	-	79.500	-	-	157.804	364.630
156	1202	44.800	82.709	11.472	0.113	0.338	3.500	1.200	0.063	-	99.395	144.195
157	1203	127.800	1.803	0.615	0.901	19.381	-	4.100	-	-	26.800	154.600
158	1204	195.441	-	-	-	6.874	7.500	19.000	-	-	33.374	228.815
159	1205	56.375	0.113	0.020	0.045	4.733	1.000	0.300	0.038	-	6.249	62.624
160	1206	166.900	5.972	0.410	0.338	2.366	-	5.300	0.076	-	14.462	181.362
161	1207	80.647	-	-	0.023	10.254	-	15.800	-	-	26.077	106.724
162	1208	124.700	30.424	0.615	0.338	10.930	-	12.200	5.707	-	60.214	184.914
163	1209	10.610	1.578	-	15.212	15.212	-	7.200	-	-	39.202	49.812
164	1210	72.666	-	-	0.113	21.860	0.300	12.700	-	-	34.973	107.639
165	1211	23.300	80.906	1.434	2.141	81.582	-	3.800	0.634	-	170.497	193.797
166	1212	61.100	7.099	0.020	0.034	46.763	-	1.100	-	-	55.016	116.116
167	1213	105.400	1.127	-	0.338	42.143	-	21.800	0.089	-	65.497	170.897

PLANTED AREA BY AMPHOE

(1993)

(UNIT : 1000 RAI)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	1300	2,540.480	1,054.270	34.889	56.000	2,098.060	4.060	73.729	72.363	-	3,393.370	5,933.850
168	1301	105.679	0.338	0.708	0.900	121.761	-	0.188	-	-	123.895	229.575
169	1302	260.730	-	0.040	0.200	241.094	0.100	16.573	-	-	258.007	518.737
170	1303	35.550	0.034	-	-	15.175	-	6.874	-	-	22.083	57.633
171	1304	178.200	1.127	0.030	0.200	26.496	-	6.686	0.027	-	34.565	212.765
172	1305	90.900	10.705	0.607	1.000	4.697	-	7.156	0.040	-	24.206	115.106
173	1306	227.637	0.034	0.030	0.100	5.540	-	0.753	-	-	6.458	234.095
174	1307	251.820	0.563	0.101	0.200	153.074	-	0.282	-	-	154.221	406.041
175	1308	232.675	-	0.405	0.200	10.357	-	4.614	-	-	15.576	248.251
176	1309	195.120	0.901	0.101	0.400	175.234	0.400	21.657	-	-	198.694	393.814
177	1310	131.085	-	-	-	44.923	-	0.282	-	-	45.205	176.290
178	1311	120.576	0.676	0.020	0.100	47.933	-	0.094	-	-	48.824	169.400
179	1312	84.330	61.525	2.429	4.200	103.936	-	0.847	1.748	-	174.685	259.015
180	1313	140.940	7.550	0.911	1.200	44.923	0.400	4.896	1.210	-	61.090	202.030
181	1314	35.068	0.045	5.060	0.300	41.189	-	-	0.008	-	46.603	81.671
182	1315	63.577	11.719	8.097	8.000	104.779	0.040	0.377	2.017	-	135.029	198.606
183	1316	84.440	59.271	1.518	5.500	198.599	-	-	1.076	-	265.964	350.404
184	1317	5.400	722.311	14.000	12.400	42.959	2.100	-	61.999	-	855.770	861.170
185	1318	94.140	17.466	0.506	5.400	188.843	1.000	-	3.228	-	216.443	310.583
186	1319	117.831	42.819	0.202	3.400	299.885	-	2.448	0.067	-	348.822	466.654
187	1320	50.310	117.190	0.101	2.000	126.698	0.020	-	0.807	-	246.816	297.126
188	1321	34.470	-	0.020	10.300	99.962	-	-	0.134	-	110.416	144.886
	1400	2,596.560	48.418	1.510	29.264	256.169	26.160	76.419	-	83.836	521.775	3,118.340
189	1401	342.270	0.435	0.500	1.649	3.892	5.300	5.921	-	27.720	45.417	387.687
190	1402	295.334	0.435	-	0.927	7.887	-	2.243	-	0.113	11.605	306.939
191	1403	70.592	0.065	-	1.443	36.874	12.700	17.420	-	5.634	74.136	144.727
192	1404	228.261	0.033	-	1.649	20.383	7.100	12.300	-	32.903	74.367	302.629
193	1405	220.680	1.414	-	2.576	4.814	0.040	12.740	-	8.451	30.035	250.715
194	1406	366.210	2.501	0.400	1.133	8.911	0.800	11.000	-	1.690	26.436	392.646
195	1407	104.760	3.806	0.200	0.721	21.100	-	3.800	-	0.338	29.965	134.725
196	1408	310.106	19.615	0.010	0.103	35.030	0.200	4.400	-	-	59.358	369.464
197	1409	71.280	2.827	-	2.782	11.164	-	1.100	-	1.352	19.226	90.506
198	1410	83.160	13.700	0.200	8.862	37.283	0.020	1.660	-	1.690	63.415	146.575
199	1411	416.160	0.217	0.200	0.206	2.766	-	2.328	-	0.113	5.829	421.989
200	1412	87.750	3.371	-	7.213	66.065	-	1.507	-	3.831	81.986	169.736

PLANTED AREA BY AMPHOE

(1993)

(UNIT : 1000 RAI)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	1500	2,483.380	7.658	0.420	9.693	52.020	5.160	82.149	-	-	157.100	2,640.480
201	1501	453.779	1.679	0.200	2.413	3.036	0.300	6.497	-	-	14.125	467.904
202	1502	193.001	0.105	0.100	0.105	-	-	0.565	-	-	0.875	193.876
203	1503	200.372	0.105	-	0.105	8.097	-	27.604	-	-	35.910	236.282
204	1504	86.653	0.105	-	0.105	1.214	0.020	0.565	-	-	2.009	88.662
205	1505	143.963	0.525	-	0.420	7.084	0.030	2.448	-	-	10.507	154.470
206	1506	205.854	0.734	-	0.042	8.299	-	-	-	-	9.075	214.929
207	1507	106.062	0.105	-	0.315	-	0.100	4.169	-	-	4.689	110.750
208	1508	213.397	1.259	-	1.154	4.251	0.100	3.700	-	-	10.464	223.861
209	1509	68.173	-	0.020	0.315	4.251	-	2.973	-	-	7.558	75.731
210	1510	184.100	0.420	0.100	0.629	2.631	0.010	15.700	-	-	19.490	203.590
211	1511	430.000	0.315	-	2.203	0.607	-	11.299	-	-	14.424	444.424
212	1512	162.700	0.420	-	0.315	5.465	2.300	3.928	-	-	12.428	175.128
213	1513	35.321	1.888	-	1.574	7.084	2.300	2.700	-	-	15.546	50.867
	1600	2,230.910	134.959	3.120	50.874	47.791	-	140.006	-	-	376.750	2,607.660
214	1601	210.794	-	-	0.030	-	-	3.300	-	-	3.330	214.124
215	1602	245.209	-	-	0.100	-	-	3.892	-	-	3.992	249.201
216	1603	118.098	-	0.020	0.839	-	-	0.518	-	-	1.378	119.475
217	1604	216.027	3.150	-	0.400	0.500	-	31.850	-	-	35.900	251.928
218	1605	247.540	-	-	0.200	-	-	3.542	-	-	3.742	251.282
219	1606	107.000	-	-	0.100	-	-	1.172	-	-	1.272	108.272
220	1607	136.209	-	-	0.040	2.561	-	2.530	-	-	5.131	141.340
221	1608	355.400	0.280	0.100	1.154	2.500	-	60.117	-	-	64.151	419.551
222	1609	100.116	-	-	0.030	0.212	-	0.488	-	-	0.730	100.847
223	1610	114.100	18.941	-	15.394	8.800	-	6.150	-	-	49.286	163.386
224	1611	17.515	-	-	0.304	0.200	-	0.494	-	-	0.998	18.513
225	1612	97.500	-	-	0.645	-	-	5.461	-	-	6.106	103.606
226	1613	265.400	112.589	3.000	31.638	33.018	-	20.490	-	-	200.735	466.135

(6) CROP PRODUCTION AMOUNT BY AMPHOE

(1993)

(UNIT : TON)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	TOTAL	6,416,910	909,035	32,884	56,697	11,137,400	3,198,860	240,563	40,815	18,958	15,635,300	22,052,200
	0100	160,297	377,764	21,626	5,236	124,875	37,871	4,861	24,390	11,413	608,036	768,333
1	0101	32,299	85,184	5,408	249	14,012	2,118	96	6,749	1,961	115,777	148,076
2	0102	11,454	22,794	1,598	183	1,051	-	16	74	5,341	31,057	42,511
3	0103	21,677	41,624	959	199	64,367	-	11	8,694	1,136	116,990	138,667
4	0104	11,770	25,184	1,694	199	7,963	-	-	5,222	879	41,141	52,911
5	0105	4,954	33,875	6,417	11	3,503	4,024	-	123	41	47,994	52,948
6	0106	4,472	10,439	57	162	-	1,017	-	12	13	11,700	16,172
7	0107	22,720	38,281	1,919	2,706	5,605	-	-	369	176	49,056	71,776
8	0108	5,464	6,681	99	83	1,051	-	32	19	27	7,992	13,456
9	0109	33,647	76,937	715	465	7,706	3,707	4,148	1,133	1,217	96,028	129,675
10	0110	11,840	36,765	2,760	979	19,617	27,005	558	1,995	622	90,301	102,141
	0200	642,656	72,176	359	1,091	956,486	1,902,390	27,555	761	-	2,960,820	3,603,470
11	0201	60,364	-	7	67	32,775	48,579	353	1	-	81,782	142,146
12	0202	11,201	20,121	137	103	212,396	798	297	748	-	234,600	245,801
13	0203	23,678	5,585	4	70	28,692	1,434	846	-	-	36,631	60,309
14	0204	39,171	247	19	172	60,544	85,201	422	-	-	146,605	185,776
15	0205	17,390	680	-	70	30,086	109,473	218	-	-	140,527	157,917
16	0206	54,289	6	7	40	11,221	1,368	138	3	-	12,783	67,072
17	0207	30,911	-	11	24	518	-	34	-	-	587	31,498
18	0208	32,492	89	15	21	91,508	107,763	745	4	-	200,145	232,637
19	0209	14,481	2	52	5	1,690	2,373	60	-	-	4,182	18,663
20	0210	25,423	44,902	42	38	44,411	29,535	13,915	-	-	132,843	158,266
21	0211	41,934	27	10	14	33,241	125	1,328	4	-	34,749	76,683
22	0212	60,412	49	29	66	24,677	1,596	1,498	-	-	27,915	88,327
23	0213	44,765	-	-	33	25,263	798	383	1	-	26,478	71,243
24	0214	18,041	-	3	24	121,513	26,662	99	-	-	148,301	166,342
25	0215	19,652	217	-	54	45,073	219,517	324	-	-	265,185	284,837
26	0216	56,481	178	20	205	52,189	746,940	418	-	-	799,950	856,431
27	0217	61,981	73	2	77	58,311	125,894	4,118	-	-	188,475	250,456
28	0218	8,905	-	1	3	17,917	52,000	317	-	-	70,238	79,143
29	0219	14,860	-	-	5	18,593	327,279	1,144	-	-	347,021	361,881
30	0220	6,225	-	-	-	45,868	15,053	898	-	-	61,819	68,044

CROP PRODUCTION AMOUNT BY AMPHOE

(1993)

(UNIT : TON)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	0300	261,932	3,151	1,544	1,314	999,879	54,842	8,090	2,154	-	1,070,970	1,332,910
31	0301	34,565	68	164	21	10,013	9,212	83	-	-	19,561	54,126
32	0302	3,238	315	862	9	16,689	154	-	1,863	-	19,892	23,130
33	0303	10,282	41	81	50	299,838	461	17	277	-	300,765	311,047
34	0304	25,190	630	11	189	22,251	6,141	285	-	-	29,507	54,697
35	0305	60,274	-	419	882	153,535	33,782	3,498	10	-	192,126	252,400
36	0306	10,289	1,610	7	90	53,525	179	600	-	-	56,011	66,300
37	0307	19,744	44	-	-	139,628	-	486	-	-	140,158	159,902
38	0308	47,241	120	-	32	75,655	1,535	583	-	-	77,925	125,166
39	0309	13,681	278	-	41	80,773	307	1,008	-	-	82,407	96,088
40	0310	37,428	45	-	-	147,972	3,071	1,530	4	-	152,622	190,050
	0400	358,181	2,803	-	2,066	301,574	37,659	7,787	276	-	352,165	710,346
41	0401	65,847	312	-	447	19,791	1,223	708	71	-	22,552	88,399
42	0402	26,663	748	-	128	26,209	3,669	1,755	23	-	32,532	59,195
43	0403	15,952	187	-	21	13,372	20	821	3	-	14,424	30,376
44	0404	72,314	754	-	170	9,628	6,116	451	-	-	17,119	89,433
45	0405	30,467	-	-	21	1,872	-	274	-	-	2,167	32,634
46	0406	29,396	240	-	43	13,907	408	354	51	-	15,003	44,399
47	0407	6,175	11	-	43	29,954	2,854	81	-	-	32,943	39,118
48	0408	30,948	160	-	170	97,782	13,046	129	51	-	111,338	142,286
49	0409	11,803	27	-	64	267	815	10	6	-	1,189	12,992
50	0410	2,407	80	-	213	24,070	815	2,254	-	-	27,432	29,839
51	0411	23,024	53	-	469	5,349	8,562	129	45	-	14,607	37,631
52	0412	23,106	-	-	149	-	8	161	14	-	332	23,438
53	0413	11,743	81	-	85	53,489	82	451	6	-	54,194	65,937
54	0414	8,336	150	-	43	5,884	41	209	6	-	6,333	14,669

CROP PRODUCTION AMOUNT BY AMPHOE

(1993)

(UNIT : TON)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	0500	257,067	576	115	1,257	214,254	191,331	7,432	-	-	414,965	672,032
55	0501	22,460	24	3	57	897	8,913	341	-	-	10,235	32,695
56	0502	13,030	36	40	76	12,554	10,399	412	-	-	23,517	36,547
57	0503	15,813	48	6	95	17,336	13,370	574	-	-	31,429	47,242
58	0504	15,785	-	-	1	149	149	5	-	-	304	16,089
59	0505	33,300	96	9	209	37,064	32,680	1,237	-	-	71,295	104,595
60	0506	16,260	12	1	19	4,782	4,457	161	-	-	9,432	25,692
61	0507	17,978	-	-	-	90	-	4	-	-	94	18,072
62	0508	27,452	12	1	19	3,288	2,971	108	-	-	6,399	33,851
63	0509	20,932	24	3	38	7,772	5,942	251	-	-	14,030	34,962
64	0510	6,300	5	-	19	1,793	1,486	54	-	-	3,357	9,657
65	0511	14,782	24	3	57	10,163	8,913	341	-	-	19,501	34,283
66	0512	28,373	252	44	570	102,823	89,869	3,424	-	-	196,982	225,355
67	0513	5,904	1	-	2	299	297	18	-	-	617	6,521
68	0514	8,483	6	1	19	2,391	1,486	72	-	-	3,975	12,458
69	0515	10,215	36	4	76	12,853	10,399	430	-	-	23,798	34,013
	0600	550,062	25,795	2,654	1,812	1,124,820	551,331	24,340	83	-	1,730,830	2,280,900
70	0601	73,148	-	-	690	62,817	21,725	151	-	-	85,383	158,531
71	0602	34,432	6,753	1,755	384	40,191	35,468	2,528	32	-	87,111	121,543
72	0603	18,386	18,796	599	36	340,460	-	2,755	-	-	362,646	381,032
73	0604	50,275	-	8	140	78,625	4,655	3,192	6	-	86,626	136,901
74	0605	34,996	-	195	32	25,008	5,320	982	-	-	31,537	66,533
75	0606	30,315	-	8	48	21,286	45,778	1,584	-	-	68,704	99,019
76	0607	10,989	-	3	114	40,935	29,097	1,352	1	-	71,502	82,491
77	0608	14,018	5	4	3	19,053	56,532	378	-	-	75,975	89,993
78	0609	44,539	-	15	51	34,534	152,138	458	2	-	187,198	231,737
79	0610	33,699	241	5	187	90,503	180,888	403	-	-	272,227	305,926
80	0611	17,484	-	-	17	16,374	6,207	968	-	-	23,566	41,050
81	0612	25,001	-	-	14	34,832	3,104	1,596	-	-	39,546	64,547
82	0613	46,768	-	-	33	123,391	8,867	1,674	42	-	134,007	180,775
83	0614	16,621	-	60	13	32,748	-	2,218	-	-	35,039	51,660
84	0615	15,151	-	-	16	22,328	-	1,690	-	-	24,034	39,185
85	0616	18,589	-	-	8	17,684	-	1,178	-	-	18,870	37,459
86	0617	24,818	-	2	17	58,946	-	393	-	-	59,358	84,176
87	0618	32,579	-	-	7	21,137	-	315	-	-	21,459	54,038
88	0619	8,254	-	-	2	43,966	1,552	525	-	-	46,045	54,299

CROP PRODUCTION AMOUNT BY AMPHOE

(1993)

(UNIT : TON)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	0700	289,766	1,765	15	918	465,898	50,329	13,485	-	-	532,410	822,176
89	0701	30,404	300	-	252	65,669	-	2,002	-	-	68,223	98,627
90	0702	31,039	405	-	91	75,775	12,265	-	-	-	88,536	119,575
91	0703	45,656	120	-	19	91,896	3,806	-	-	-	95,841	141,497
92	0704	28,294	540	9	333	34,859	-	836	-	-	36,577	64,871
93	0705	36,212	124	-	96	79,850	29,182	1,891	-	-	111,143	147,355
94	0706	9,619	90	-	12	3,345	-	1,178	-	-	4,625	14,244
95	0707	22,882	17	2	35	75,995	1,269	3,417	-	-	80,735	103,617
96	0708	26,289	68	-	21	1,982	846	1,155	-	-	4,072	30,361
97	0709	11,735	-	4	25	34,693	2,961	1,900	-	-	39,583	51,318
98	0710	47,636	101	-	34	1,834	-	1,106	-	-	3,075	50,711
	0800	286,507	756	180	5,400	1,040,410	63,842	9,786	190	-	1,120,570	1,407,080
99	0801	32,830	-	-	1,432	257,847	50	22	-	-	259,351	292,181
100	0802	7,767	280	6	95	15,494	37,105	672	15	-	53,667	61,434
101	0803	16,661	318	1	57	209,842	-	23	-	-	210,241	226,902
102	0804	20,877	-	160	180	36,343	1,686	672	144	-	39,185	60,062
103	0805	14,909	68	3	38	87,902	562	2	-	-	88,575	103,484
104	0806	27,912	-	-	19	21,224	-	45	-	-	21,288	49,200
105	0807	16,790	-	-	19	61,001	2,249	1,434	-	-	64,703	81,493
106	0808	22,391	-	2	320	20,897	-	1,590	31	-	22,840	45,231
107	0809	28,106	-	8	152	174,405	3,935	4,196	-	-	182,696	210,802
108	0810	16,745	90	-	8	18,226	17,974	448	-	-	36,746	53,491
109	0811	45,940	-	-	1,254	96,088	281	68	-	-	97,691	143,631
110	0812	29,271	-	-	1,711	30,696	-	614	-	-	33,021	62,292
111	0813	6,308	-	-	115	10,449	-	-	-	-	10,564	16,872

CROP PRODUCTION AMOUNT BY AMPHOE

(1993)

(UNIT : TON)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	0900	459,189	3,247	96	2,781	430,350	9,800	1,232	-	-	447,506	906,695
112	0901	67,678	648	-	813	3,162	-	864	-	-	5,487	73,165
113	0902	21,214	144	2	274	57,215	1,400	-	-	-	59,035	80,249
114	0903	33,294	756	47	181	264,546	700	-	-	-	266,230	299,524
115	0904	8,347	18	-	16	13,702	3,500	-	-	-	17,236	25,583
116	0905	15,244	72	16	49	57,215	4,200	-	-	-	61,552	76,796
117	0906	48,698	90	-	361	1,205	-	-	-	-	1,656	50,354
118	0907	50,238	144	31	194	22,133	-	-	-	-	22,502	72,740
119	0908	20,429	702	-	308	602	-	-	-	-	1,612	22,041
120	0909	6,254	18	-	15	753	-	-	-	-	786	7,040
121	0910	25,014	360	-	180	1,656	-	-	-	-	2,196	27,210
122	0911	27,241	54	-	16	-	-	-	-	-	70	27,311
123	0912	56,051	2	-	8	-	-	-	-	-	10	56,061
124	0913	33,187	5	-	115	7,679	-	368	-	-	8,167	41,354
125	0914	39,585	216	-	243	452	-	-	-	-	911	40,496
126	0915	6,715	18	-	8	30	-	-	-	-	56	6,771
	1000	202,955	-	-	583	116,496	-	12,937	-	-	130,016	332,971
127	1001	37,432	-	-	171	35,536	-	3,927	-	-	39,634	77,066
128	1002	14,756	-	-	19	15,196	-	578	-	-	15,793	30,549
129	1003	27,349	-	-	8	22,152	-	511	-	-	22,671	50,020
130	1004	44,649	-	-	247	26,536	-	3,564	-	-	30,347	74,996
131	1005	14,094	-	-	57	5,769	-	1,188	-	-	7,014	21,108
132	1006	27,660	-	-	58	11,307	-	1,535	-	-	12,900	40,560
133	1007	28,930	-	-	19	-	-	924	-	-	943	29,873
134	1008	8,085	-	-	4	-	-	710	-	-	714	8,799

CROP PRODUCTION AMOUNT BY AMPHOE

(1993)

(UNIT : TON)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	1100	612,170	20,980	49	2,826	138,797	-	27,731	422	-	190,805	802,975
135	1101	39,715	7	-	30	2,766	-	1,338	-	-	4,141	43,856
136	1102	10,905	-	-	94	20,229	-	1,412	62	-	21,797	32,702
137	1103	36,897	-	-	40	4,916	-	17	2	-	4,975	41,872
138	1104	19,375	-	-	19	860	-	83	-	-	962	20,337
139	1105	60,178	-	-	36	20,280	-	1,126	-	-	21,442	81,620
140	1106	16,862	-	-	12	7,170	-	672	-	-	7,854	24,716
141	1107	35,241	-	-	30	615	-	4,546	-	-	5,191	40,432
142	1108	29,284	-	-	20	307	-	1,198	-	-	1,525	30,809
143	1109	17,864	-	-	9	1,383	-	218	1	-	1,611	19,475
144	1110	13,119	-	1	13	8,747	-	1	-	-	8,762	21,881
145	1111	40,186	-	2	30	2,663	-	413	-	-	3,108	43,294
146	1112	14,546	-	-	15	-	-	29	-	-	44	14,590
147	1113	23,385	-	2	13	3,483	-	315	-	-	3,813	27,198
148	1114	10,779	-	-	83	2,766	-	821	-	-	3,670	14,449
149	1115	80,584	-	-	195	10,325	-	3,771	-	-	14,291	94,875
150	1116	52,663	-	15	30	460	-	2,932	-	-	3,437	56,100
151	1117	62,001	896	15	435	24,582	-	5,511	10	-	31,449	93,450
152	1118	6,246	20,027	10	1,617	16,183	-	1,673	347	-	39,857	46,103
153	1119	12,472	50	4	27	2,663	-	218	-	-	2,962	15,434
154	1120	29,868	-	-	78	8,399	-	1,437	-	-	9,914	39,782
	1200	337,117	63,376	1,860	3,634	702,621	55,175	33,038	1,137	-	860,841	1,197,960
155	1201	53,361	4,945	145	659	121,301	-	14,310	-	-	141,360	194,721
156	1202	12,006	22,828	1,354	17	749	15,750	216	11	-	40,925	52,931
157	1203	34,378	498	73	126	42,930	-	738	-	-	44,365	78,743
158	1204	52,574	-	-	-	15,287	33,525	3,420	-	-	52,232	104,806
159	1205	15,109	32	2	7	10,483	4,550	57	7	-	15,138	30,247
160	1206	44,896	1,648	45	51	5,201	-	954	13	-	7,912	52,808
161	1207	21,130	-	-	3	22,713	-	2,844	-	-	25,560	46,690
162	1208	33,420	8,397	73	50	24,210	-	2,196	982	-	35,908	69,328
163	1209	2,737	429	-	2,327	33,695	-	1,267	-	-	37,718	40,455
164	1210	19,039	-	-	17	48,421	1,350	2,248	-	-	52,036	71,075
165	1211	5,615	22,330	166	321	180,704	-	684	109	-	204,314	209,929
166	1212	15,764	1,959	2	5	103,580	-	180	-	-	105,726	121,490
167	1213	27,088	310	-	51	93,347	-	3,924	15	-	97,647	124,735

CROP PRODUCTION AMOUNT BY AMPHOE

(1993)

(UNIT : TON)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	1300	501,070	280,042	3,826	9,272	3,659,720	15,141	12,548	11,402	-	3,991,950	4,493,020
168	1301	25,997	73	26	141	243,521	-	30	-	-	243,791	269,788
169	1302	44,063	-	6	40	269,784	383	2,121	-	-	272,334	316,397
170	1303	7,039	6	-	-	25,388	-	1,375	-	-	26,769	33,808
171	1304	41,877	349	5	30	52,992	-	1,551	3	-	54,930	96,807
172	1305	17,271	3,533	69	170	8,840	-	1,589	5	-	14,206	31,477
173	1306	39,837	10	3	18	10,526	-	121	-	-	10,678	50,515
174	1307	51,371	85	10	16	231,907	-	34	-	-	232,052	283,423
175	1308	43,278	-	1	40	12,046	-	664	-	-	12,751	56,029
176	1309	31,219	325	12	72	350,468	1,533	3,465	-	-	355,875	387,094
177	1310	26,217	-	-	-	42,946	-	34	-	-	42,980	69,197
178	1311	26,647	88	2	12	106,221	-	9	-	-	106,332	132,979
179	1312	13,071	7,998	318	1,113	202,987	-	197	210	-	212,823	225,894
180	1313	26,779	1,887	130	155	112,306	1,000	901	145	-	116,524	143,303
181	1314	8,697	13	552	79	50,827	-	-	2	-	51,473	60,170
182	1315	15,831	5,274	235	1,432	154,654	320	60	605	-	162,580	178,411
183	1316	20,435	20,745	150	924	418,447	-	-	269	-	440,535	460,970
184	1317	1,112	182,745	2,198	1,389	128,877	8,051	-	9,548	-	332,808	333,920
185	1318	20,711	6,288	70	1,091	328,587	3,834	-	387	-	340,257	360,968
186	1319	19,207	8,435	23	65	306,783	-	397	10	-	315,713	334,920
187	1320	12,276	42,188	13	404	380,095	20	-	202	-	422,922	435,198
188	1321	8,135	-	3	2,081	221,515	-	-	16	-	223,615	231,750
	1400	541,441	7,746	197	5,968	640,423	202,636	12,991	-	7,545	877,506	1,418,950
189	1401	74,273	70	61	351	9,731	41,054	1,007	-	2,495	54,769	129,042
190	1402	57,295	70	-	198	19,717	-	381	-	10	20,376	77,671
191	1403	9,953	10	-	307	92,184	98,374	2,961	-	507	194,343	204,296
192	1404	43,370	5	-	252	50,957	54,997	2,091	-	2,961	111,263	154,633
193	1405	40,164	226	-	549	12,035	310	2,166	-	761	16,047	56,211
194	1406	82,763	400	48	241	22,278	6,197	1,870	-	152	31,186	113,949
195	1407	23,781	609	24	154	52,750	-	646	-	30	54,213	77,994
196	1408	68,534	3,138	1	22	87,575	1,549	748	-	-	93,033	161,567
197	1409	16,252	452	-	426	27,911	-	187	-	122	29,098	45,350
198	1410	18,711	2,192	27	1,888	93,208	155	282	-	152	97,904	116,615
199	1411	89,058	35	36	44	6,914	-	396	-	10	7,435	96,493
200	1412	17,287	539	-	1,536	165,163	-	256	-	345	167,839	185,126

CROP PRODUCTION AMOUNT BY AMPHOE

(1993)

(UNIT : TON)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	1500	567,342	1,622	53	1,859	125,263	26,515	14,349	-	-	169,661	737,003
201	1501	105,731	386	23	362	7,499	1,500	1,105	-	-	10,875	116,606
202	1502	42,267	23	14	18	-	-	121	-	-	176	42,443
203	1503	45,084	22	-	12	21,051	-	5,880	-	-	26,965	72,049
204	1504	23,310	14	-	13	3,036	80	87	-	-	3,230	26,540
205	1505	41,174	121	-	84	18,420	120	375	-	-	19,120	60,294
206	1506	46,729	163	-	10	21,577	-	-	-	-	21,750	68,479
207	1507	19,940	19	-	52	-	250	534	-	-	855	20,795
208	1508	43,106	251	-	202	8,501	400	599	-	-	9,953	53,059
209	1509	13,021	-	4	47	6,801	-	455	-	-	7,307	20,328
210	1510	41,238	81	12	151	6,842	15	2,669	-	-	9,770	51,008
211	1511	92,880	69	-	441	1,093	-	1,446	-	-	3,049	95,929
212	1512	41,489	76	-	74	12,023	14,950	503	-	-	27,626	69,115
213	1513	11,373	397	-	393	18,420	9,200	575	-	-	28,985	40,358
	1600	389,154	47,236	310	10,680	95,582	-	22,401	-	-	176,209	565,363
214	1601	37,521	-	-	6	-	-	528	-	-	534	38,055
215	1602	35,555	-	-	18	-	-	623	-	-	641	36,196
216	1603	23,383	-	-	176	-	-	83	-	-	259	23,642
217	1604	33,916	1,103	-	84	1,000	-	5,096	-	-	7,283	41,199
218	1605	44,557	-	-	42	-	-	567	-	-	609	45,166
219	1606	15,515	-	-	21	-	-	187	-	-	208	15,723
220	1607	23,700	-	-	8	5,121	-	405	-	-	5,534	29,234
221	1608	61,840	98	10	242	5,000	-	9,619	-	-	14,969	76,809
222	1609	17,420	-	-	6	425	-	78	-	-	509	17,929
223	1610	26,471	6,629	-	3,233	17,600	-	984	-	-	28,446	54,917
224	1611	3,661	-	-	64	400	-	79	-	-	543	4,204
225	1612	22,620	-	-	136	-	-	874	-	-	1,010	23,630
226	1613	42,995	39,406	300	6,644	66,036	-	3,278	-	-	115,664	158,659

(7) FARMGATE PRICE BY AMPHOE

(1981 - 2001)

(UNIT : BAHT / TON)

CHANGWAT CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME
0100	2,880	2,500	5,960	8,000	670	550	4,400	12,990	15,250
0200	2,990	2,670	7,100	9,360	580	621	4,380	9,880	-
0300	2,886	2,030	7,160	6,670	600	513	4,700	9,500	-
0400	2,818	2,170	-	6,470	530	550	4,480	10,490	-
0500	2,792	1,900	7,000	9,500	500	650	3,330	-	-
0600	2,759	1,840	7,620	6,310	590	604	4,490	11,000	-
0700	2,803	1,900	9,000	6,010	570	500	4,230	-	-
0800	2,731	2,050	6,200	6,090	660	598	3,950	12,000	-
0900	2,655	2,000	6,500	6,920	570	600	4,330	-	-
1000	2,727	-	-	8,000	620	-	4,140	-	-
1100	2,878	2,430	8,250	8,440	560	-	4,530	11,870	-
1200	2,948	2,200	8,250	5,500	650	540	4,500	11,930	-
1300	3,350	2,530	7,330	5,320	660	515	4,840	11,760	-
1400	3,188	2,300	6,640	7,250	650	520	4,220	-	9,430
1500	3,184	2,030	6,500	7,500	700	517	5,080	-	-
1600	3,023	1,800	6,650	5,570	650	-	4,590	-	-

(8) GROSS VALUE BY AMPHOE

(1993)

(UNIT : 1000 BAHT)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	TOTAL	18,894,300	2,214,610	212,911	369,793	6,954,660	1,934,110	1,069,180	503,561	245,195	13,504,000	32,398,300
	0100	461,656	944,413	128,891	41,888	83,665	20,829	21,387	316,827	174,048	1,731,950	2,193,600
1	0101	93,021	212,960	32,232	1,992	9,388	1,165	422	87,670	29,905	375,734	468,755
2	0102	32,988	56,985	9,524	1,464	704	-	70	961	81,450	151,158	184,146
3	0103	62,430	104,060	5,716	1,592	43,126	-	48	112,935	17,324	284,801	347,231
4	0104	33,898	62,960	10,096	1,592	5,335	-	-	67,834	13,405	161,222	195,120
5	0105	14,268	84,688	38,245	88	2,347	2,213	-	1,598	625	129,804	144,072
6	0106	12,879	26,098	340	1,296	-	559	-	156	198	28,647	41,526
7	0107	65,434	95,703	11,437	21,648	3,755	-	-	4,793	2,684	140,020	205,454
8	0108	15,736	16,703	590	664	704	-	141	247	412	19,461	35,197
9	0109	96,903	192,343	4,261	3,720	5,163	2,039	18,251	14,718	18,559	259,054	355,957
10	0110	34,099	91,913	16,450	7,832	13,143	14,853	2,455	25,915	9,486	182,047	216,146
	0200	1,921,540	192,709	2,549	10,213	554,763	1,181,100	120,691	7,520	-	2,069,540	3,991,080
11	0201	180,488	-	50	627	19,010	30,160	1,546	10	-	51,403	231,891
12	0202	33,491	53,723	973	964	123,190	495	1,301	7,390	-	188,036	221,527
13	0203	70,797	14,912	28	655	16,641	890	3,705	-	-	36,831	107,628
14	0204	117,121	659	135	1,610	35,116	52,897	1,848	-	-	92,265	209,386
15	0205	51,996	1,816	-	655	17,450	67,966	955	-	-	88,842	140,838
16	0206	162,324	16	50	374	6,508	849	604	30	-	8,431	170,755
17	0207	92,424	-	78	225	300	-	149	-	-	752	93,176
18	0208	97,151	238	107	197	53,075	66,905	3,263	40	-	123,825	220,976
19	0209	43,298	5	369	47	980	1,473	263	-	-	3,137	46,435
20	0210	76,015	119,888	298	356	25,758	18,337	60,948	-	-	225,585	301,600
21	0211	125,383	72	71	131	19,280	78	5,817	40	-	25,489	150,872
22	0212	180,632	131	206	618	14,313	991	6,561	-	-	22,820	203,452
23	0213	133,847	-	-	309	14,653	495	1,678	10	-	17,145	150,992
24	0214	53,943	-	21	225	70,478	16,553	434	-	-	87,711	141,654
25	0215	58,759	579	-	505	26,142	136,287	1,419	-	-	164,932	223,691
26	0216	168,878	475	142	1,919	30,270	463,738	1,831	-	-	498,375	667,253
27	0217	185,323	195	14	721	33,820	78,161	18,037	-	-	130,948	316,271
28	0218	26,626	-	7	28	10,392	32,284	1,388	-	-	44,099	70,725
29	0219	44,431	-	-	47	10,784	203,191	5,011	-	-	219,033	263,464
30	0220	18,613	-	-	-	26,603	9,346	3,933	-	-	39,882	58,495

GROSS VALUE BY AMPHOE

(1993)

(UNIT : 1000 BAHT)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	0300	755,936	6,395	11,055	8,764	599,928	28,106	38,024	20,464	-	712,736	1,468,670
31	0301	99,755	138	1,174	140	6,008	4,721	390	-	-	12,571	112,326
32	0302	9,345	639	6,172	60	10,013	79	-	17,699	-	34,662	44,007
33	0303	29,674	83	580	334	179,903	236	80	2,632	-	183,848	213,522
34	0304	72,698	1,279	79	1,261	13,351	3,147	1,340	-	-	20,457	93,155
35	0305	173,951	-	3,000	5,883	92,121	17,313	16,441	95	-	134,853	308,804
36	0306	29,694	3,268	50	600	32,115	92	2,820	-	-	38,945	68,639
37	0307	56,981	89	-	-	83,777	-	2,284	-	-	86,150	143,131
38	0308	136,338	244	-	213	45,393	787	2,740	-	-	49,377	185,715
39	0309	39,483	564	-	273	48,464	157	4,738	-	-	54,196	93,679
40	0310	108,017	91	-	-	88,783	1,574	7,191	38	-	97,677	205,694
	0400	1,009,360	6,084	-	13,366	159,835	20,712	34,885	2,895	-	237,777	1,247,130
41	0401	185,557	677	-	2,892	10,489	673	3,172	745	-	18,648	204,205
42	0402	75,136	1,623	-	828	13,891	2,018	7,862	241	-	26,463	101,599
43	0403	44,953	406	-	136	7,087	11	3,678	31	-	11,349	56,302
44	0404	203,781	1,636	-	1,100	5,103	3,364	2,020	-	-	13,223	217,004
45	0405	85,856	-	-	136	992	-	1,228	-	-	2,356	88,212
46	0406	82,838	521	-	278	7,371	224	1,586	535	-	10,515	93,353
47	0407	17,401	24	-	278	15,876	1,570	363	-	-	18,111	35,512
48	0408	87,211	347	-	1,100	51,824	7,175	578	535	-	61,559	148,770
49	0409	33,261	59	-	414	142	448	45	63	-	1,171	34,432
50	0410	6,783	174	-	1,378	12,757	448	10,098	-	-	24,855	31,638
51	0411	64,882	115	-	3,034	2,835	4,709	578	472	-	11,743	76,625
52	0412	65,113	-	-	964	-	4	721	147	-	1,836	66,949
53	0413	33,092	176	-	550	28,349	45	2,020	63	-	31,203	64,295
54	0414	23,491	326	-	278	3,119	23	936	63	-	4,745	28,236

GROSS VALUE BY AMPHOE

(1993)

(UNIT : 1000 BAHT)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	0500	717,732	1,095	805	11,946	107,131	124,364	24,750	-	-	270,091	987,823
55	0501	62,708	46	21	542	449	5,793	1,136	-	-	7,987	70,695
56	0502	36,380	68	280	722	6,277	6,759	1,372	-	-	15,478	51,858
57	0503	44,150	91	42	903	8,668	8,691	1,911	-	-	20,306	64,456
58	0504	44,072	-	-	10	75	97	17	-	-	199	44,271
59	0505	92,974	182	63	1,986	18,532	21,242	4,119	-	-	46,124	139,098
60	0506	45,398	23	7	181	2,391	2,897	536	-	-	6,035	51,433
61	0507	50,195	-	-	-	45	-	13	-	-	58	50,253
62	0508	76,646	23	7	181	1,644	1,931	360	-	-	4,146	80,792
63	0509	58,442	46	21	361	3,886	3,862	836	-	-	9,012	67,454
64	0510	17,590	10	-	181	897	966	180	-	-	2,234	19,824
65	0511	41,271	46	21	542	5,082	5,793	1,136	-	-	12,620	53,891
66	0512	79,217	479	308	5,415	51,412	58,415	11,402	-	-	127,431	206,648
67	0513	16,484	2	-	19	150	193	60	-	-	424	16,908
68	0514	23,685	11	7	181	1,196	966	240	-	-	2,601	26,286
69	0515	28,520	68	28	722	6,427	6,759	1,432	-	-	15,436	43,956
	0600	1,517,620	47,463	20,222	11,432	663,645	333,090	109,284	913	-	1,186,050	2,703,670
70	0601	201,815	-	-	4,354	37,062	13,125	678	-	-	55,219	257,034
71	0602	94,998	12,426	13,373	2,423	23,713	21,428	11,351	352	-	85,066	180,064
72	0603	50,727	34,585	4,564	227	200,871	-	12,370	-	-	252,617	303,344
73	0604	138,709	-	61	883	46,389	2,812	14,332	66	-	64,543	203,252
74	0605	96,554	-	1,486	202	14,755	3,214	4,409	-	-	24,066	120,620
75	0606	83,639	-	61	303	12,559	27,657	7,112	-	-	47,692	131,331
76	0607	30,319	-	23	719	24,152	17,579	6,070	11	-	48,554	78,873
77	0608	38,676	9	30	19	11,241	34,154	1,697	-	-	47,150	85,826
78	0609	122,883	-	114	322	20,375	91,916	2,056	22	-	114,805	237,688
79	0610	92,976	443	38	1,180	53,397	109,285	1,809	-	-	166,152	259,128
80	0611	48,238	-	-	107	9,661	3,750	4,346	-	-	17,864	66,102
81	0612	68,978	-	-	88	20,551	1,875	7,166	-	-	29,680	98,658
82	0613	129,033	-	-	208	72,801	5,357	7,516	462	-	86,344	215,377
83	0614	45,857	-	457	82	19,321	-	9,959	-	-	29,819	75,676
84	0615	41,802	-	-	101	13,174	-	7,588	-	-	20,863	62,665
85	0616	51,287	-	-	50	10,434	-	5,289	-	-	15,773	67,060
86	0617	68,473	-	15	107	34,778	-	1,765	-	-	36,665	105,138
87	0618	89,885	-	-	44	12,471	-	1,414	-	-	13,929	103,814
88	0619	22,773	-	-	13	25,940	938	2,357	-	-	29,248	52,021

GROSS VALUE BY AMPHOE

(1993)

(UNIT : 1000 BAHT)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	0700	812,213	3,354	135	5,516	265,563	25,166	57,041	-	-	356,775	1,168,990
89	0701	85,222	570	-	1,515	37,431	-	8,468	-	-	47,984	133,206
90	0702	87,002	770	-	547	43,192	6,133	-	-	-	50,642	137,644
91	0703	127,974	228	-	114	52,381	1,903	-	-	-	54,626	182,600
92	0704	79,308	1,026	81	2,001	19,870	-	3,536	-	-	26,514	105,822
93	0705	101,502	236	-	577	45,515	14,591	7,999	-	-	68,918	170,420
94	0706	26,962	171	-	72	1,907	-	4,983	-	-	7,133	34,095
95	0707	64,138	32	18	210	43,317	635	14,454	-	-	58,666	122,804
96	0708	73,688	129	-	126	1,130	423	4,886	-	-	6,694	80,382
97	0709	32,893	-	36	150	19,775	1,481	8,037	-	-	29,479	62,372
98	0710	133,524	192	-	204	1,045	-	4,678	-	-	6,119	139,643
	0800	782,450	1,550	1,116	32,887	686,672	38,198	38,655	2,280	-	801,358	1,583,810
99	0801	89,659	-	-	8,721	170,179	30	87	-	-	179,017	268,676
100	0802	21,212	574	37	579	10,226	22,201	2,654	180	-	36,451	57,663
101	0803	45,501	652	6	347	138,496	-	91	-	-	139,592	185,093
102	0804	57,015	-	992	1,096	23,986	1,009	2,654	1,728	-	31,465	88,480
103	0805	40,716	139	19	231	58,015	336	8	-	-	58,748	99,464
104	0806	76,228	-	-	116	14,008	-	178	-	-	14,302	90,530
105	0807	45,853	-	-	116	40,261	1,346	5,664	-	-	47,387	93,240
106	0808	61,150	-	12	1,949	13,792	-	6,281	372	-	22,406	83,556
107	0809	76,757	-	50	926	115,107	2,354	16,574	-	-	135,011	211,768
108	0810	45,731	185	-	49	12,029	10,754	1,770	-	-	24,787	70,518
109	0811	125,462	-	-	7,637	63,418	168	269	-	-	71,492	196,954
110	0812	79,939	-	-	10,420	20,259	-	2,425	-	-	33,104	113,043
111	0813	17,227	-	-	700	6,896	-	-	-	-	7,596	24,823

GROSS VALUE BY AMPHOE

(1993)

(UNIT : 1000 BAHT)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	0900	1,219,150	6,494	625	19,245	245,300	5,880	5,334	-	-	282,878	1,502,020
112	0901	179,685	1,296	-	5,626	1,802	-	3,741	-	-	12,465	192,150
113	0902	56,323	288	13	1,896	32,613	840	-	-	-	35,650	91,973
114	0903	88,396	1,512	306	1,253	150,791	420	-	-	-	154,282	242,678
115	0904	22,161	36	-	111	7,810	2,100	-	-	-	10,057	32,218
116	0905	40,473	144	104	339	32,613	2,520	-	-	-	35,720	76,193
117	0906	129,293	180	-	2,498	687	-	-	-	-	3,365	132,658
118	0907	133,382	288	202	1,342	12,616	-	-	-	-	14,448	147,830
119	0908	54,239	1,404	-	2,131	343	-	-	-	-	3,878	58,117
120	0909	16,604	36	-	104	429	-	-	-	-	569	17,173
121	0910	66,412	720	-	1,246	944	-	-	-	-	2,910	69,322
122	0911	72,325	108	-	111	-	-	-	-	-	219	72,544
123	0912	148,815	4	-	55	-	-	-	-	-	59	148,874
124	0913	88,111	10	-	796	4,377	-	1,593	-	-	6,776	94,887
125	0914	105,098	432	-	1,682	258	-	-	-	-	2,372	107,470
126	0915	17,828	36	-	55	17	-	-	-	-	108	17,936
	1000	553,459	-	-	4,664	72,227	-	53,559	-	-	130,450	683,909
127	1001	102,077	-	-	1,368	22,032	-	16,258	-	-	39,658	141,735
128	1002	40,240	-	-	152	9,422	-	2,393	-	-	11,967	52,207
129	1003	74,581	-	-	64	13,734	-	2,116	-	-	15,914	90,495
130	1004	121,758	-	-	1,976	16,452	-	14,755	-	-	33,183	154,941
131	1005	38,434	-	-	456	3,577	-	4,918	-	-	8,951	47,385
132	1006	75,429	-	-	464	7,010	-	6,355	-	-	13,829	89,258
133	1007	78,892	-	-	152	-	-	3,825	-	-	3,977	82,869
134	1008	22,048	-	-	32	-	-	2,939	-	-	2,971	25,019

GROSS VALUE BY AMPHOE

(1993)

(UNIT : 1000 BAHT)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	1100	1,761,830	50,982	406	23,851	77,724	-	125,623	5,010	-	283,596	2,045,420
135	1101	114,300	17	-	253	1,549	-	6,061	-	-	7,880	122,180
136	1102	31,385	-	-	793	11,328	-	6,396	736	-	19,253	50,638
137	1103	106,190	-	-	338	2,753	-	77	24	-	3,192	109,382
138	1104	55,761	-	-	160	482	-	376	-	-	1,018	56,779
139	1105	173,192	-	-	304	11,357	-	5,101	-	-	16,762	189,954
140	1106	48,529	-	-	101	4,015	-	3,044	-	-	7,160	55,689
141	1107	101,424	-	-	253	344	-	20,593	-	-	21,190	122,614
142	1108	84,279	-	-	169	172	-	5,427	-	-	5,768	90,047
143	1109	51,413	-	-	76	774	-	988	12	-	1,850	53,263
144	1110	37,756	-	8	110	4,898	-	5	-	-	5,021	42,777
145	1111	115,655	-	17	253	1,491	-	1,871	-	-	3,632	119,287
146	1112	41,863	-	-	127	-	-	131	-	-	258	42,121
147	1113	67,302	-	17	110	1,950	-	1,427	-	-	3,504	70,806
148	1114	31,022	-	-	701	1,549	-	3,719	-	-	5,969	36,991
149	1115	231,921	-	-	1,646	5,782	-	17,083	-	-	24,511	256,432
150	1116	151,564	-	124	253	258	-	13,282	-	-	13,917	165,481
151	1117	178,439	2,177	124	3,671	13,766	-	24,965	119	-	44,822	223,261
152	1118	17,976	48,666	83	13,647	9,062	-	7,579	4,119	-	83,156	101,132
153	1119	35,894	122	33	228	1,491	-	988	-	-	2,862	38,756
154	1120	85,960	-	-	658	4,703	-	6,510	-	-	11,871	97,831
	1200	993,819	139,428	15,346	19,992	456,707	29,795	148,672	13,564	-	823,504	1,817,320
155	1201	157,308	10,879	1,196	3,625	78,846	-	64,395	-	-	158,941	316,249
156	1202	35,394	50,222	11,171	94	487	8,505	972	131	-	71,582	106,976
157	1203	101,346	1,096	602	693	27,905	-	3,321	-	-	33,617	134,963
158	1204	154,988	-	-	-	9,937	18,104	15,390	-	-	43,431	198,419
159	1205	44,541	70	17	39	6,814	2,457	257	84	-	9,738	54,279
160	1206	132,353	3,626	371	281	3,381	-	4,293	155	-	12,107	144,460
161	1207	62,291	-	-	17	14,763	-	12,798	-	-	27,578	89,869
162	1208	98,522	18,473	602	275	15,737	-	9,882	11,715	-	56,684	155,206
163	1209	8,069	944	-	12,799	21,902	-	5,702	-	-	41,347	49,416
164	1210	56,127	-	-	94	31,474	729	10,116	-	-	42,413	98,540
165	1211	16,553	49,126	1,370	1,766	117,458	-	3,078	1,300	-	174,098	190,651
166	1212	46,472	4,310	17	28	67,327	-	810	-	-	72,492	118,964
167	1213	79,855	682	-	281	60,676	-	17,658	179	-	79,476	159,331

GROSS VALUE BY AMPHOE

(1993)

(UNIT : 1000 BAHT)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	1300	1,678,590	708,507	28,046	49,327	2,415,410	7,797	60,734	134,088	-	3,403,910	5,082,500
168	1301	87,090	185	191	750	160,724	-	145	-	-	161,995	249,085
169	1302	147,611	-	44	213	178,057	197	10,266	-	-	188,777	336,388
170	1303	23,581	15	-	-	16,756	-	6,655	-	-	23,426	47,007
171	1304	140,288	883	37	160	34,975	-	7,507	35	-	43,597	183,885
172	1305	57,858	8,938	506	904	5,834	-	7,691	59	-	23,932	81,790
173	1306	133,454	25	22	96	6,947	-	586	-	-	7,676	141,130
174	1307	172,093	215	73	85	153,059	-	165	-	-	153,597	325,690
175	1308	144,981	-	7	213	7,950	-	3,214	-	-	11,384	156,365
176	1309	104,584	822	88	383	231,309	789	16,771	-	-	250,162	354,746
177	1310	87,827	-	-	-	28,344	-	165	-	-	28,509	116,336
178	1311	89,267	223	15	64	70,106	-	44	-	-	70,452	159,719
179	1312	43,788	20,235	2,331	5,921	133,971	-	953	2,470	-	165,881	209,669
180	1313	89,710	4,774	953	825	74,122	515	4,361	1,705	-	87,255	176,965
181	1314	29,135	33	4,046	420	33,546	-	-	24	-	38,069	67,204
182	1315	53,034	13,343	1,723	7,618	102,072	165	290	7,115	-	132,326	185,360
183	1316	68,457	52,485	1,100	4,916	276,175	-	-	3,163	-	337,839	406,296
184	1317	3,725	462,345	16,111	7,389	85,059	4,146	-	112,284	-	687,334	691,059
185	1318	69,382	15,909	513	5,804	216,867	1,975	-	4,551	-	245,619	315,001
186	1319	64,343	21,341	169	346	202,477	-	1,921	118	-	226,372	290,715
187	1320	41,125	106,736	95	2,149	250,863	10	-	2,376	-	362,229	403,354
188	1321	27,252	-	22	11,071	146,200	-	-	188	-	157,481	184,733
	1400	1,726,110	17,818	1,308	43,270	416,276	105,369	54,822	-	71,147	710,010	2,436,120
189	1401	236,782	161	405	2,545	6,325	21,348	4,250	-	23,528	58,562	295,344
190	1402	182,656	161	-	1,436	12,816	-	1,608	-	94	16,115	198,771
191	1403	31,730	23	-	2,226	59,920	51,154	12,495	-	4,781	130,599	162,329
192	1404	138,264	12	-	1,827	33,122	28,598	8,824	-	27,922	100,305	238,569
193	1405	128,043	520	-	3,980	7,823	161	9,141	-	7,176	28,801	156,844
194	1406	263,848	920	319	1,747	14,481	3,222	7,891	-	1,433	30,013	293,861
195	1407	75,814	1,401	159	1,117	34,288	-	2,726	-	283	39,974	115,788
196	1408	218,486	7,217	7	160	56,924	805	3,157	-	-	68,270	286,756
197	1409	51,811	1,040	-	3,089	18,142	-	789	-	1,150	24,210	76,021
198	1410	59,651	5,042	179	13,688	60,585	81	1,190	-	1,433	82,198	141,849
199	1411	283,917	81	239	319	4,494	-	1,671	-	94	6,898	290,815
200	1412	55,111	1,240	-	11,136	107,356	-	1,080	-	3,253	124,065	179,176

GROSS VALUE BY AMPHOE

(1993)

(UNIT : 1000 BAHT)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	1500	1,806,420	3,294	345	13,945	87,684	13,708	72,893	-	-	191,869	1,998,290
201	1501	336,648	784	150	2,715	5,249	776	5,613	-	-	15,287	351,935
202	1502	134,578	47	91	135	-	-	615	-	-	888	135,466
203	1503	143,547	45	-	90	14,736	-	29,870	-	-	44,741	188,288
204	1504	74,219	28	-	98	2,125	41	442	-	-	2,734	76,953
205	1505	131,098	246	-	630	12,894	62	1,905	-	-	15,737	146,835
206	1506	148,785	331	-	75	15,104	-	-	-	-	15,510	164,295
207	1507	63,489	39	-	390	-	129	2,713	-	-	3,271	66,760
208	1508	137,250	510	-	1,515	5,951	207	3,043	-	-	11,226	148,476
209	1509	41,459	-	26	353	4,761	-	2,311	-	-	7,451	48,910
210	1510	131,302	164	78	1,133	4,789	8	13,559	-	-	19,731	151,033
211	1511	295,730	140	-	3,308	765	-	7,346	-	-	11,559	307,289
212	1512	132,101	154	-	555	8,416	7,729	2,555	-	-	19,409	151,510
213	1513	36,212	806	-	2,948	12,894	4,756	2,921	-	-	24,325	60,537
	1600	1,176,410	85,024	2,062	59,487	62,128	-	102,823	-	-	311,524	1,487,940
214	1601	113,426	-	-	33	-	-	2,424	-	-	2,457	115,883
215	1602	107,483	-	-	100	-	-	2,860	-	-	2,960	110,443
216	1603	70,687	-	-	980	-	-	381	-	-	1,361	72,048
217	1604	102,528	1,985	-	468	650	-	23,391	-	-	26,494	129,022
218	1605	134,696	-	-	234	-	-	2,603	-	-	2,837	137,533
219	1606	46,902	-	-	117	-	-	858	-	-	975	47,877
220	1607	71,645	-	-	45	3,329	-	1,859	-	-	5,233	76,878
221	1608	186,942	176	67	1,348	3,250	-	44,151	-	-	48,992	235,934
222	1609	52,661	-	-	33	276	-	358	-	-	667	53,328
223	1610	80,022	11,932	-	18,008	11,440	-	4,517	-	-	45,897	125,919
224	1611	11,067	-	-	356	260	-	363	-	-	979	12,046
225	1612	68,380	-	-	758	-	-	4,012	-	-	4,770	73,150
226	1613	129,974	70,931	1,995	37,007	42,923	-	15,046	-	-	167,902	297,876

BLOCK NO.	ROAD NETWORK VALUE		P.A.		GROWTH RATE OF P.A.		P.G.V.		GROWTH RATE OF P.G.V.		TOTAL DEV.	OMITTED BY TOTAL DEV.
	RANK	(M)	AMOUNT	DEV.	(%)	DEV.	VALUE	DEV.	(%)	DEV.		
98	1	127,028	202	0.17	0.21	-0.55	414	0.70	0.12	-0.70	-0.38	X
104	2	39,457	732	3.17	0.08	-0.84	994	3.36	0.15	-0.62	5.05	
83	3	30,125	182	0.06	0.36	-0.24	521	1.19	0.39	0.03	1.04	
96	4	26,926	253	0.46	0.16	-0.67	568	1.41	0.11	-0.73	0.46	
53	5	25,821	140	-0.18	0.09	-0.82	346	0.39	0.09	-0.80	-1.42	X
87	6	24,573	340	0.95	0.17	-0.64	874	2.81	0.21	-0.47	2.65	
113	7	19,225	407	1.33	0.00	-1.01	609	1.59	-0.08	-1.26	0.66	
97	8	17,400	104	-0.38	0.12	-0.75	276	0.07	0.10	-0.76	-1.82	X
59	9	16,170	679	2.87	0.13	-0.73	907	2.96	0.16	-0.61	4.48	
75	10	16,145	185	0.08	0.45	-0.05	499	1.09	0.47	0.25	1.36	
91	11	15,979	722	3.11	0.11	-0.77	724	2.12	0.11	-0.75	3.72	
90	12	15,087	450	1.57	0.12	-0.74	503	1.11	0.28	-0.29	1.66	
15	13	14,720	808	3.60	0.87	0.85	728	2.14	0.67	0.79	7.38	
77	14	12,428	57	-0.65	0.25	-0.48	173	-0.40	0.25	-0.35	-1.87	X
76	15	12,226	100	-0.41	0.24	-0.50	283	0.10	0.23	-0.41	-1.21	X
68	16	11,968	173	0.01	1.37	1.92	248	-0.06	0.46	0.21	2.09	
12	17	11,811	504	1.88	0.99	1.10	708	2.05	0.64	0.71	5.74	
43	18	11,613	512	1.93	0.14	-0.70	499	1.09	0.14	-0.65	1.66	
50	19	11,557	132	-0.22	0.31	-0.35	316	0.26	0.20	-0.50	-0.82	X
109	20	11,457	141	-0.17	1.07	1.28	232	-0.13	0.87	1.34	2.32	
51	21	10,972	172	0.00	0.50	0.06	280	0.09	0.17	-0.58	-0.43	X
14	22	10,964	313	0.80	0.73	0.55	531	1.24	0.66	0.77	3.36	
107	23	10,535	179	0.04	0.59	0.26	330	0.32	0.47	0.24	0.86	
8	24	10,478	825	3.69	1.09	1.32	1257	4.56	0.89	1.42	10.98	
31	25	9,783	608	2.47	0.88	0.87	520	1.19	0.57	0.54	5.06	
48	26	9,687	263	0.52	0.15	-0.69	317	0.26	0.11	-0.73	-0.64	X
35	27	9,564	535	2.05	0.17	-0.63	513	1.16	0.24	-0.37	2.21	
70	28	9,486	64	-0.61	0.97	1.06	136	-0.57	0.52	0.37	0.25	
63	29	9,255	305	0.75	0.07	-0.86	462	0.92	0.00	-1.04	-0.22	X
81	30	9,182	109	-0.35	0.37	-0.22	320	0.27	0.39	0.03	-0.27	X
67	31	9,087	244	0.41	0.99	1.11	391	0.60	0.38	0.01	2.13	
16	32	8,967	287	0.65	0.66	0.40	378	0.54	0.23	-0.40	1.18	
71	33	8,867	77	-0.54	0.42	-0.11	198	-0.28	0.36	-0.06	-0.99	X
40	34	8,866	116	-0.32	0.72	0.52	199	-0.28	0.49	0.29	0.21	
29	35	8,604	228	0.32	0.93	0.98	265	0.02	0.97	1.63	2.95	
27	36	8,599	101	-0.40	2.12	3.52	139	-0.55	1.99	4.43	6.99	
55	37	8,446	33	-0.78	0.26	-0.46	92	-0.77	0.25	-0.35	-2.36	X
105	38	8,426	167	-0.03	0.08	-0.83	314	0.25	0.13	-0.68	-1.29	X
25	39	8,338	147	-0.14	1.81	2.86	191	-0.32	1.64	3.47	5.87	
17	40	8,069	528	2.01	1.19	1.53	789	2.42	0.46	0.23	6.19	
1	41	8,060	224	0.30	0.91	0.93	545	1.30	0.90	1.44	3.97	
49	42	7,822	100	-0.40	0.00	-1.01	187	-0.33	0.00	-1.04	-2.79	X
30	43	7,771	612	2.49	0.86	0.84	497	1.08	0.74	1.00	5.41	
54	44	7,612	67	-0.59	0.12	-0.76	186	-0.34	0.10	-0.75	-2.45	X
46	45	7,569	194	0.12	0.69	0.47	266	0.03	0.48	0.29	0.90	
9	46	7,336	93	-0.45	1.13	1.41	165	-0.43	0.43	0.14	0.68	
114	47	7,284	75	-0.55	-0.05	-1.11	176	-0.38	-0.12	-1.37	-3.41	X
62	48	7,259	193	0.12	0.07	-0.87	291	0.14	0.00	-1.04	-1.65	X
79	49	7,047	79	-0.52	0.11	-0.77	191	-0.31	0.00	-1.04	-2.65	X
93	50	7,019	102	-0.40	0.13	-0.73	212	-0.22	0.09	-0.79	-2.13	X

NOTE

P.A. : PRODUCTION AMOUNT [UNIT : 1000 TON]
P.G.V. : PRODUCTION GROSS VALUE [UNIT = 10^6 BAHT]
DEV. : DEVIATION VALUE

M VALUE AND AGRICULTURAL POTENTIAL (2)

BLOCK NO.	ROAD NETWORK VALUE		P.A.		GROWTH RATE OF P.A.		P.G.V.		GROWTH RATE OF P.G.V.		TOTAL DEV.	OMITTED BY TOTAL DEV.
	RANK	(M)	AMOUNT	DEV.	(%)	DEV.	VALUE	DEV.	(%)	DEV.		
108	51	6,234	102	-0.39	1.23	1.63	161	-0.45	1.06	1.87	2.66	
10	52	6,139	280	0.61	0.82	0.74	312	0.24	0.52	0.40	1.98	
36	53	6,111	175	0.02	0.77	0.64	215	-0.21	0.58	0.56	1.00	
74	54	6,094	76	-0.54	0.29	-0.39	169	-0.41	0.31	-0.19	-1.53	X
47	55	6,073	259	0.49	0.29	-0.39	276	0.07	0.14	-0.67	-0.49	X
78	56	6,004	72	-0.56	0.19	-0.59	198	-0.28	0.17	-0.56	-2.00	X
80	57	5,771	50	-0.69	0.30	-0.36	147	-0.52	0.30	-0.21	-1.78	X
115	58	5,707	66	-0.60	0.07	-0.85	115	-0.66	0.05	-0.90	-3.01	X
116	59	5,566	185	0.07	0.22	-0.53	206	-0.25	0.94	1.55	0.84	
22	60	5,483	190	0.10	0.81	0.71	334	0.34	0.45	0.18	1.33	
101	61	5,469	125	-0.27	0.07	-0.86	121	-0.63	0.00	-1.04	-2.80	X
58	62	5,291	74	-0.55	0.17	-0.64	177	-0.38	0.17	-0.57	-2.14	X
95	63	5,285	204	0.18	0.18	-0.62	256	-0.02	0.19	-0.53	-0.98	X
82	64	5,257	55	-0.66	0.38	-0.19	169	-0.42	0.39	0.03	-1.23	X
42	65	4,960	148	-0.13	0.22	-0.55	169	-0.41	0.25	-0.37	-1.46	X
24	66	4,911	99	-0.41	0.61	0.30	173	-0.40	0.17	-0.57	-1.08	X
86	67	4,612	80	-0.52	0.16	-0.66	218	-0.19	0.15	-0.64	-2.02	X
65	68	4,588	59	-0.64	0.36	-0.23	139	-0.55	0.31	-0.19	-1.61	X
60	69	4,502	163	-0.05	0.14	-0.71	220	-0.18	0.20	-0.50	-1.44	X
94	70	4,431	82	-0.51	0.08	-0.84	189	-0.33	0.00	-1.04	-2.72	X
88	71	4,410	64	-0.61	0.07	-0.87	161	-0.45	0.06	-0.87	-2.80	X
32	72	4,393	276	0.59	0.55	0.17	292	0.15	0.31	-0.20	0.70	
23	73	4,245	72	-0.56	0.28	-0.42	160	-0.46	0.17	-0.58	-2.02	X
100	74	4,056	305	0.76	0.10	-0.79	309	0.22	0.16	-0.59	-0.40	X
44	75	3,857	129	-0.24	0.16	-0.67	219	-0.19	0.10	-0.76	-1.86	
56	76	3,843	18	-0.87	0.13	-0.72	47	-0.97	0.12	-0.71	-3.28	
110	77	3,833	140	-0.18	0.28	-0.41	181	-0.36	0.31	-0.18	-1.13	
84	78	3,830	37	-0.76	0.27	-0.43	110	-0.68	0.27	-0.30	-2.19	
61	79	3,762	309	0.77	0.10	-0.79	370	0.50	0.10	-0.78	-0.29	
33	80	3,758	147	-0.14	0.13	-0.72	192	-0.31	0.12	-0.72	-1.90	
66	81	3,554	61	-0.63	1.29	1.74	91	-0.77	1.12	2.05	2.39	
92	82	3,502	224	0.30	0.13	-0.72	264	0.02	0.15	-0.63	-1.04	
73	83	3,260	40	-0.75	0.38	-0.20	96	-0.75	0.40	0.05	-1.64	
57	84	3,145	25	-0.83	0.12	-0.75	57	-0.93	0.10	-0.78	-3.29	
119	85	2,985	49	-0.70	0.16	-0.66	50	-0.96	0.45	0.18	-2.13	
34	86	2,963	150	-0.12	0.24	-0.50	198	-0.28	0.25	-0.35	-1.26	
89	87	2,810	152	-0.11	0.07	-0.87	326	0.30	0.37	-0.03	-0.71	
72	88	2,776	30	-0.80	0.21	-0.56	77	-0.84	0.21	-0.47	-2.67	
28	89	2,675	80	-0.52	1.78	2.79	116	-0.66	1.06	1.86	3.47	
111	90	2,553	48	-0.70	0.07	-0.85	86	-0.79	0.12	-0.70	-3.05	
13	91	2,523	153	-0.10	0.85	0.82	203	-0.26	0.75	1.02	1.47	
20	92	2,477	46	-0.71	0.14	-0.71	115	-0.66	0.13	-0.69	-2.77	
26	93	2,476	64	-0.61	1.34	1.85	79	-0.83	0.27	-0.30	0.11	
118	94	2,403	57	-0.65	0.23	-0.51	80	-0.82	1.43	2.89	0.91	
117	95	2,370	68	-0.59	0.00	-1.01	84	-0.80	0.00	-1.04	-3.44	
21	96	2,271	141	-0.17	1.26	1.68	219	-0.19	0.46	0.21	1.54	
19	97	2,050	138	-0.19	0.43	-0.10	227	-0.15	0.19	-0.52	-0.96	
69	98	2,028	46	-0.71	1.49	2.17	64	-0.90	0.53	0.42	0.98	
106	99	1,884	55	-0.66	0.39	-0.17	100	-0.73	0.38	0.02	-1.55	
11	100	1,860	57	-0.65	0.85	0.80	58	-0.92	0.55	0.47	-0.30	

PRIORITY BLOCKS
SELECTED BY M VALUE

NOTE

P.A. : PRODUCTION AMOUNT [UNIT : 1000 TON]
P.G.V. : PRODUCTION GROSS VALUE [UNIT = 10^6 BAHT]
DEV. : DEVIATION VALUE

M VALUE AND AGRICULTURAL POTENTIAL (3)

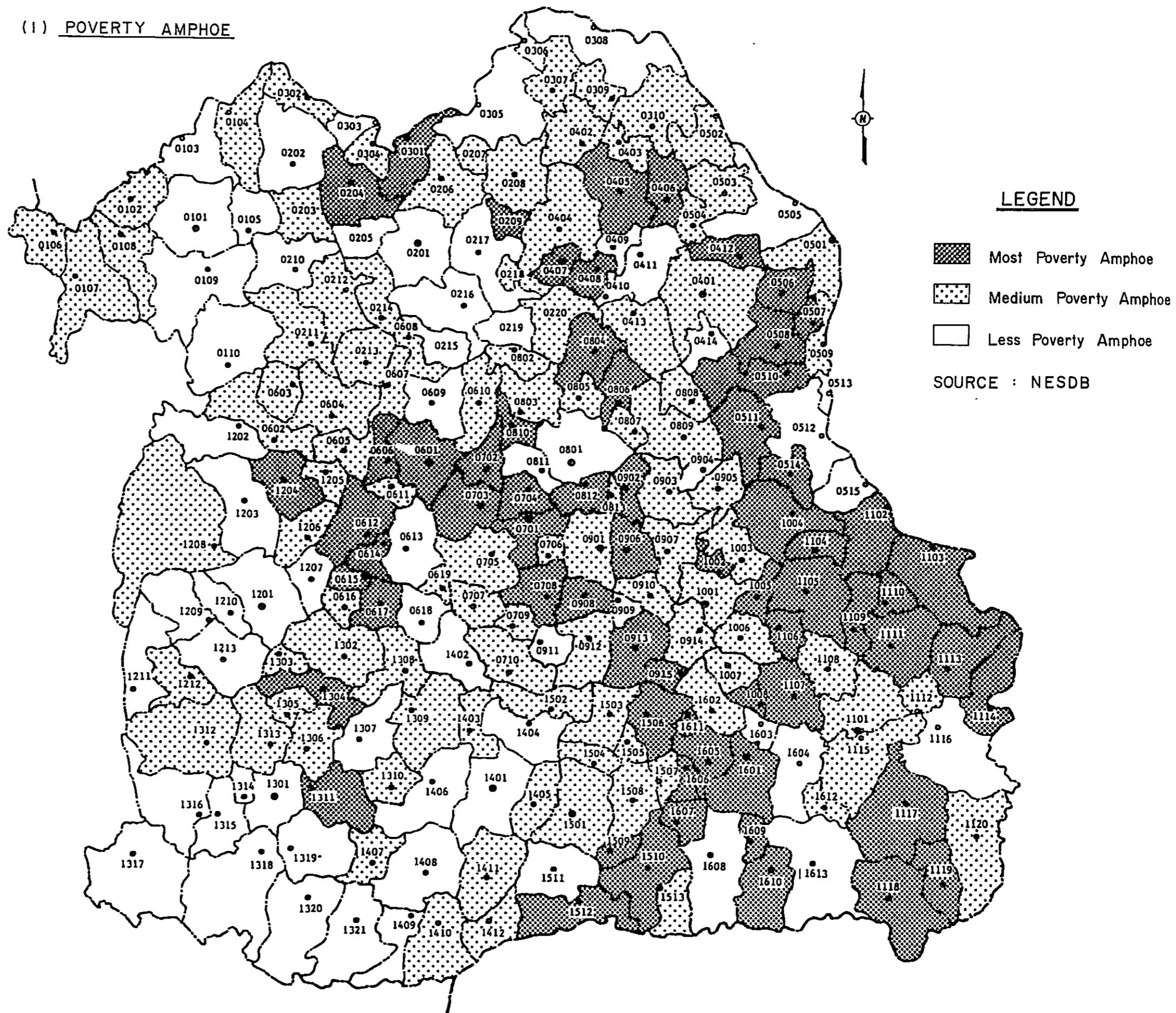
BLOCK NO.	ROAD NETWORK VALUE		P.A.		GROWTH RATE OF P.A.		P.G.V.		GROWTH RATE OF P.G.V.		TOTAL DEV.	OMITTED BY TOTAL DEV.
	RANK	(M)	AMOUNT	DEV.	(%)	DEV.	VALUE	DEV.	(%)	DEV.		
39	101	1,763	57	-0.65	0.18	-0.61	68	-0.88	0.29	-0.23	-2.37	
18	102	1,699	103	-0.39	1.87	2.99	141	-0.55	0.70	0.87	2.92	
41	103	1,658	68	-0.59	0.24	-0.50	87	-0.79	0.28	-0.29	-2.17	
64	104	1,564	36	-0.77	0.17	-0.64	73	-0.85	0.22	-0.43	-2.69	
37	105	1,411	104	-0.38	0.33	-0.30	98	-0.74	0.33	-0.14	-1.57	
99	106	1,278	91	-0.46	0.07	-0.86	185	-0.34	0.36	-0.06	-1.72	
38	107	1,032	54	-0.67	0.09	-0.81	46	-0.98	0.13	-0.70	-3.16	
102	108	848	32	-0.79	0.00	-1.01	32	-1.04	0.00	-1.04	-3.88	
5	109	817	62	-0.62	1.06	1.26	220	-0.18	1.05	1.85	2.31	
85	110	784	12	-0.90	0.35	-0.26	32	-1.04	0.36	-0.06	-2.27	
45	111	734	9	-0.92	1.02	1.17	19	-1.10	0.92	1.49	0.64	
6	112	704	69	-0.58	0.70	0.49	223	-0.17	0.99	1.68	1.42	
7	113	629	85	-0.49	0.30	-0.36	228	-0.15	0.79	1.13	0.13	
52	114	573	5	-0.94	0.20	-0.59	12	-1.13	0.19	-0.52	-3.19	
2	115	436	15	-0.89	0.95	1.02	43	-0.99	0.86	1.32	0.46	
103	116	418	30	-0.80	-0.05	-1.12	34	-1.04	-0.13	-1.39	-4.34	
112	117	301	13	-0.90	-0.06	-1.14	17	-1.11	-0.13	-1.39	-4.54	
3	118	172	10	-0.92	0.99	1.11	26	-1.07	0.95	1.58	0.70	
4	119	15	3	-0.95	0.95	1.02	10	-1.14	0.86	1.32	0.24	
AVERAGE		7,987.8	171.8		0.471		260.1		0.379			
DEVIATION		12,672.4	176.8		0.468		218.8		0.364			

NOTE

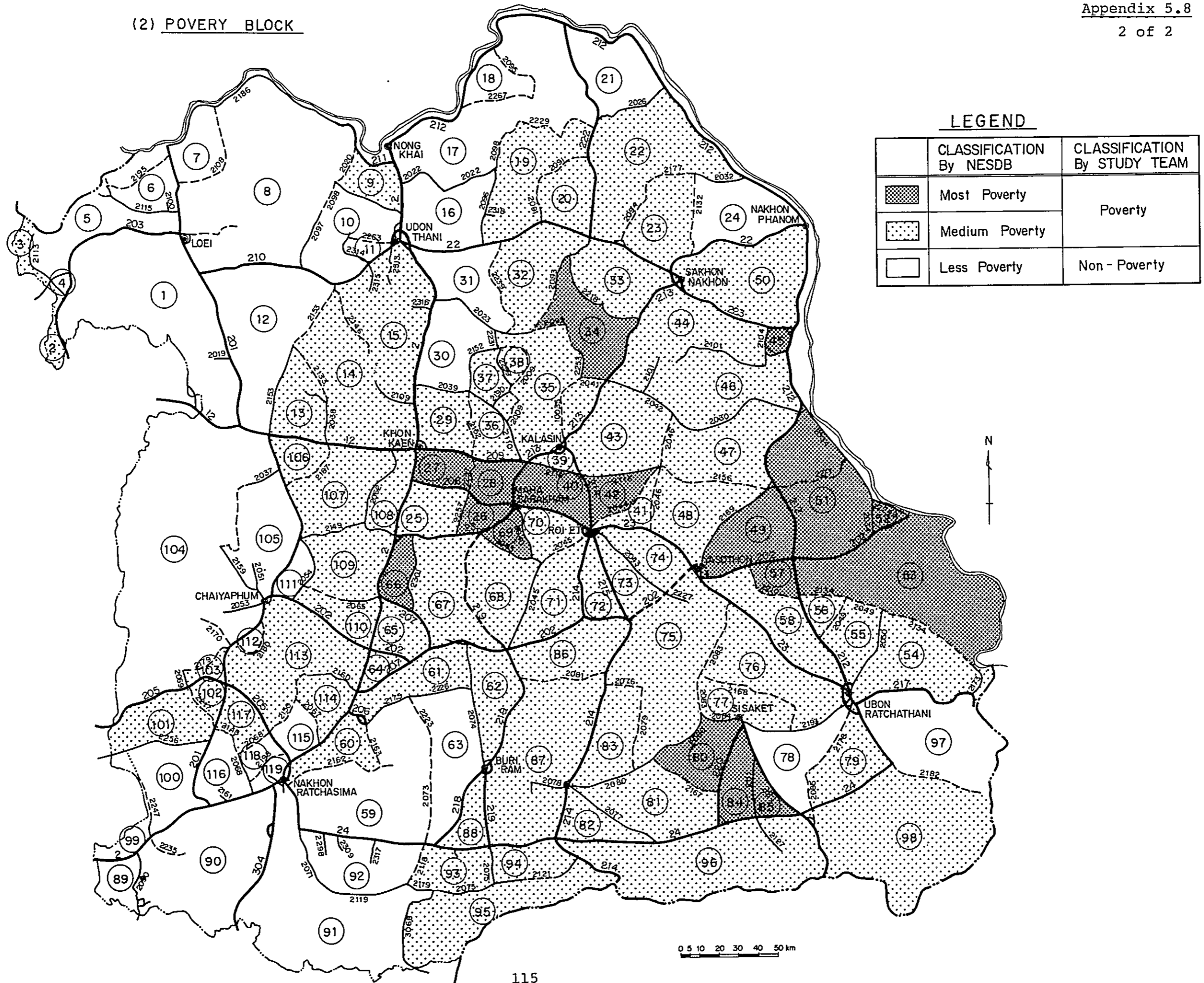
P.A. : PRODUCTION AMOUNT [UNIT : 1000 TON]
P.G.V. : PRODUCTION GROSS VALUE [UNIT = 10⁶ BAHT]
DEV. : DEVIATION VALUE

Appendix 5.8 POVERTY AMPHOE AND BLOCK

(1) POVERTY AMPHOE



(2) POVERTY BLOCK



LEGEND

	CLASSIFICATION By NESDB	CLASSIFICATION By STUDY TEAM
	Most Poverty	Poverty
	Medium Poverty	
	Less Poverty	Non - Poverty

Appendix 5.9 M VALUE, POVERTY INDEX AND SOCIAL FACILITIES (1)

BLOCK NO.	ROAD NETWORK VALUE		POV- ERTY IND.	HOSPITAL			SCHOOL			TOTAL DEV.	OMITTED BY AGRI. POTENTIAL	REVIVED BY POVERTY INDEX AND SOCIAL FACILITIES
	RANK	(M)		NO.	DNS.	DEV.	NO.	DNS.	DEV.			
98	1	127,028	70	2	1,804	4.45	6	601	4.05	8.50	X	*
104	2	39,457	44	6	901	1.47	14	386	2.01	3.48		
83	3	30,125	72	4	462	0.02	7	264	0.85	0.87		
96	4	26,926	62	2	1,519	3.51	6	506	3.15	6.66		
53	5	25,821	95	5	562	0.35	12	234	0.56	0.92	X	*
87	6	24,573	65	6	564	0.36	13	260	0.81	1.17		
113	7	19,225	68	4	560	0.34	13	172	-0.02	0.32		
97	8	17,400	57	2	1,087	2.08	6	362	1.78	3.86	X	
59	9	16,170	59	4	808	1.16	12	269	0.90	2.06		
75	10	16,145	79	10	282	-0.58	21	134	-0.39	-0.96		
91	11	15,979	34	3	1,000	1.80	10	300	1.19	2.98		
90	12	15,087	20	2	829	1.23	4	415	2.28	3.51		
15	13	14,720	61	2	1,032	1.90	12	172	-0.03	1.87		
77	14	12,428	66	4	301	-0.51	8	150	-0.23	-0.74	X	
76	15	12,226	72	8	244	-0.70	17	115	-0.57	-1.27	X	
68	16	11,968	72	3	456	0.00	7	196	0.20	0.20		
12	17	11,811	48	4	600	0.47	12	200	0.24	0.71		
43	18	11,613	69	5	295	-0.53	8	184	0.09	-0.44		
50	19	11,557	79	4	377	-0.26	14	108	-0.64	-0.90	X	
109	20	11,457	72	2	614	0.52	10	123	-0.49	0.03		
51	21	10,972	81	2	1,089	2.09	9	242	0.64	2.73	X	*
14	22	10,964	72	4	460	0.01	13	141	-0.32	-0.31		
107	23	10,535	80	2	709	0.83	8	177	0.02	0.86		
8	24	10,478	40	7	472	0.05	20	165	-0.09	-0.04		
31	25	9,783	45	4	371	-0.28	6	247	0.69	0.41		
48	26	9,687	75	3	557	0.33	9	186	0.10	0.44	X	*
35	27	9,564	64	3	673	0.72	9	224	0.47	1.19		
70	28	9,486	78	3	223	-0.77	7	96	-0.75	-1.52		
63	29	9,255	58	4	361	-0.32	7	206	0.30	-0.02	X	
81	30	9,182	79	5	343	-0.37	9	191	0.15	-0.22	X	
67	31	9,087	73	3	601	0.48	9	200	0.24	0.72		
16	32	8,967	58	3	330	-0.42	4	247	0.69	0.27		
71	33	8,867	71	4	337	-0.39	8	169	-0.06	-0.45	X	
40	34	8,866	81	2	363	-0.31	7	104	-0.68	-0.98		
29	35	8,604	67	4	206	-0.82	7	118	-0.54	-1.36		
27	36	8,599	81	3	223	-0.77	5	134	-0.39	-1.16		
55	37	8,446	75	2	434	-0.07	5	173	-0.01	-0.09	X	
105	38	8,426	50	4	328	-0.42	6	219	0.42	-0.01	X	
25	39	8,338	71	2	418	-0.13	6	139	-0.34	-0.46		
17	40	8,069	58	4	511	0.18	15	136	-0.37	-0.19		
1	41	8,060	32	2	1,010	1.83	8	252	0.74	2.57		
49	42	7,822	85	4	296	-0.53	9	131	-0.41	-0.94	X	
30	43	7,771	53	4	335	-0.40	5	268	0.88	0.49		
54	44	7,612	76	4	338	-0.39	10	135	-0.38	-0.76	X	
46	45	7,569	72	2	900	1.46	6	300	1.19	2.65		
9	46	7,336	80	2	407	-0.16	4	204	0.27	0.11		
114	47	7,284	79	1	934	1.58	5	187	0.11	1.69	X	*
62	48	7,259	62	4	333	-0.41	6	222	0.45	0.04	X	*
79	49	7,047	68	1	1,064	2.01	5	213	0.36	2.37	X	*
93	50	7,019	67	4	266	-0.63	8	133	-0.40	-1.02	X	

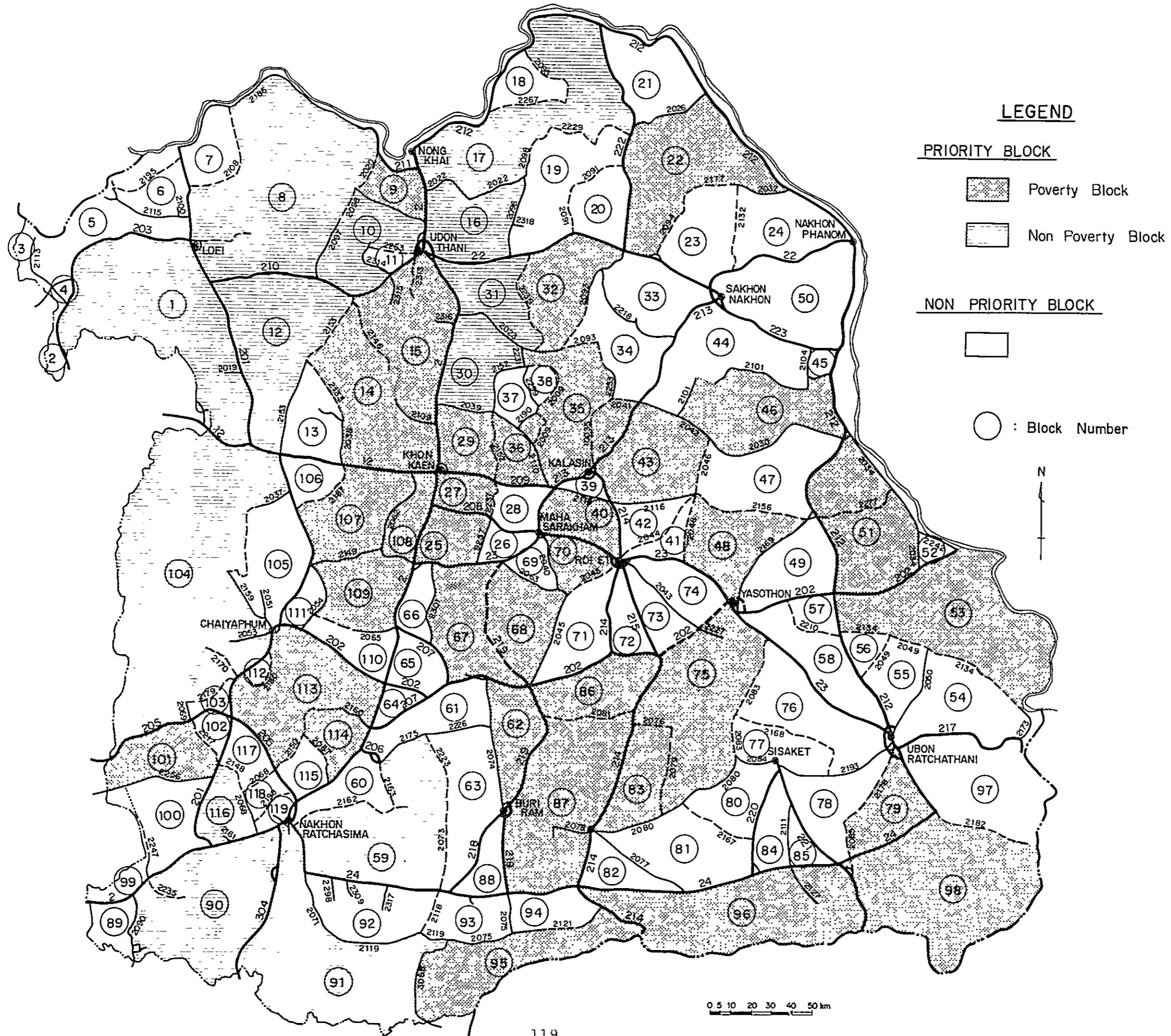
M VALUE, POVERTY INDEX AND SOCIAL FACILITIES (2)

BLOCK NO.	ROAD NETWORK VALUE		POV-ERTY IND.	HOSPITAL			SCHOOL			TOTAL DEV.	OMITTED BY AGRI. POTENTIAL	REVIVED BY POVERTY INDEX AND SOCIAL FACILITIES
	RANK	(M)		NO.	DNS.	DEV.	NO.	DNS.	DEV.			
108	51	6,234	78	3	254	-0.67	7	109	-0.63	-1.29		
10	52	6,139	53	3	465	0.03	5	279	0.99	1.02		
36	53	6,111	74	2	313	-0.47	5	125	-0.47	-0.94		
74	54	6,094	76	3	285	-0.57	6	142	-0.31	-0.87	X	
47	55	6,073	71	3	512	0.18	10	154	-0.20	-0.02	X	
78	56	6,004	58	2	546	0.30	7	156	-0.18	0.12	X	
80	57	5,771	94	2	322	-0.44	4	161	-0.13	-0.58	X	
115	58	5,707	73	2	284	-0.57	5	114	-0.58	-1.15	X	
116	59	5,566	33	3	272	-0.61	4	204	0.27	-0.34		
22	60	5,483	71	6	288	-0.55	10	173	-0.02	-0.57		
101	61	5,469	62	1	1,009	1.82	3	336	1.53	3.36	X	*
58	62	5,291	78	3	461	0.02	11	126	-0.47	-0.45	X	
95	63	5,285	68	1	759	1.00	3	253	0.74	1.74	X	*
82	64	5,257	78	2	386	-0.23	5	154	-0.20	-0.43	X	
42	65	4,960	81	2	283	-0.57	6	94	-0.77	-1.34	X	
24	66	4,911	58	2	513	0.19	5	205	0.29	0.47	X	
86	67	4,612	73	3	429	-0.09	4	321	1.39	1.30	X	*
65	68	4,588	75	1	637	0.60	7	91	-0.80	-0.20	X	
60	69	4,502	68	3	244	-0.70	5	147	-0.27	-0.97	X	
94	70	4,431	65	2	309	-0.49	3	206	0.30	-0.19	X	
88	71	4,410	68	2	337	-0.39	4	169	-0.06	-0.45	X	
32	72	4,393	70	4	660	0.67	2	578	3.84	4.51		
23	73	4,245	67	2	356	-0.33	8	89	-0.82	-1.15	X	
100	74	4,056	28	1	1,178	2.38	2	589	3.93	6.32	X	
44	75	3,857	63	3	412	-0.15	11	112	-0.59	-0.74		
56	76	3,843	79	2	630	0.57	3	131	-0.42	0.16		
110	77	3,833	71	1	624	0.56	10	62	-1.07	-0.51		
84	78	3,830	86	2	328	-0.42	4	164	-0.10	-0.53		
61	79	3,762	61	3	331	-0.41	7	142	-0.31	-0.73		
33	80	3,758	62	3	233	-0.74	8	87	-0.83	-1.57		
66	81	3,554	84	1	500	0.15	4	125	-0.47	-0.33		
92	82	3,502	36	2	492	0.12	6	164	-0.10	0.02		
73	83	3,260	74	3	222	-0.77	7	95	-0.76	-1.53		
57	84	3,145	94	2	176	-0.93	4	88	-0.83	-1.75		
119	85	2,985	47	1	153	-1.00	4	38	-1.30	-2.30		
34	86	2,963	84	2	574	0.39	7	164	-0.10	0.28		
89	87	2,810	1	2	944	1.61	1	228	0.51	2.12		
72	88	2,776	74	2	254	-0.67	5	102	-0.69	-1.36		
28	89	2,675	86	3	136	-1.06	4	102	-0.69	-1.75		
111	90	2,553	37	4	643	0.62	3	110	-0.62	-0.00		
13	91	2,523	65	3	146	-1.02	5	88	-0.83	-1.85		
20	92	2,477	77	3	148	-1.02	7	63	-1.06	-2.08		
26	93	2,476	83	3	107	-1.15	5	64	-1.05	-2.21		
118	94	2,403	58	1	261	-0.64	2	131	-0.42	-1.06		
117	95	2,370	71	2	258	-0.65	3	172	-0.03	-0.68		
21	96	2,271	55	2	281	-0.58	4	140	-0.33	-0.91		
19	97	2,050	67	1	782	1.08	9	87	-0.84	0.24		
69	98	2,028	89	3	100	-1.17	4	75	-0.95	-2.12		
106	99	1,884	79	3	120	-1.11	5	72	-0.98	-2.08		
11	100	1,860	30	1	233	-0.74	2	116	-0.56	-1.29		

PRIORITY BLOCKS
SELECTED BY M VALUE

M VALUE, POVERTY INDEX AND SOCIAL FACILITIES (3)

BLOCK NO.	ROAD NETWORK VALUE		POV-ERTY IND.	HOSPITAL			SCHOOL			TOTAL DEV.	OMITTED BY AGRI. POTENTIAL	REVIVED BY POVERTY INDEX AND SOCIAL FACILITIES
	RANK	(M)		NO.	DNS.	DEV.	NO.	DNS.	DEV.			
39	101	1,763	62	3	72	-1.27	4	54	-1.15	-2.42		
18	102	1,699	52	1	307	-0.49	4	77	-0.93	-1.42		
41	103	1,658	76	3	113	-1.13	5	68	-1.02	-2.15		
64	104	1,564	69	1	278	-0.59	2	139	-0.34	-0.93		
37	105	1,411	71	1	331	-0.41	2	166	-0.09	-0.50		
99	106	1,278	3	1	153	-1.00	2	77	-0.93	-1.93		
38	107	1,032	60	4	406	-0.16	1	286	1.05	0.89		
102	108	848	67	1	246	-0.69	1	246	0.68	-0.02		
5	109	817	51	3	164	-0.96	5	98	-0.73	-1.69		
85	110	784	96	2	447	-0.03	4	223	0.46	0.43		
45	111	734	89	4	408	-0.16	1	123	-0.50	-0.65		
6	112	704	36	7	517	0.20	2	158	-0.16	0.04		
7	113	629	37	7	504	0.16	3	76	-0.94	-0.78		
52	114	573	93	1	115	-1.13	1	115	-0.57	-1.69		
2	115	436	60	1	121	-1.11	1	121	-0.52	-1.62		
103	116	418	62	2	53	-1.33	2	53	-1.16	-2.49		
112	117	301	53	4	575	0.39	1	57	-1.12	-0.73		
3	118	172	60	1	60	-1.31	2	30	-1.38	-2.68		
4	119	15	60	1	27	-1.42	1	27	-1.41	-2.82		
AVERAGE		7,987.8	65.4	456.1			174.8					
DEVIATION		12,672.4	17.4	303.0			105.2					



Appendix 5.11 SELECTION OF PRIORITY LINK (1)

NO.	BLOCK			STUDY LINK NO.			LINK LENG. (KM)	POPULA.	CULT. AREA (KM^2)	LINK VALUE					SHORT CONN.	ACT. CENTER	OVERALL EVAL.
	RANK	M-VALUE	POV.	SEQ.	PROV.	RURAL				P/L	DEV.	C.A/L	DEV.	T.DEV.			
98	1	127,028	70	1	2214		50.7	50,462	249	995	-0.42	4.91	-0.40	-0.82	93		
				2	2192		62.5	64,321	338	1029	-0.36	5.41	-0.28	-0.64	85		
				3	9236 + 9238		42.0	34,194	142	814	-0.74	3.38	-0.75	-1.49	115		
104	2	39,457	44	4	2055		33.6	40,011	175	1191	-0.08	5.21	-0.33	-0.41	79		
				5	9074		16.2	22,737	24	1402	0.29	1.48	-1.20	-0.91	95		
				6	9230		16.0	21,905	15	1369	0.23	0.94	-1.32	-1.09	104		
				7	9261		18.0	9,109	184	506	-1.28	10.22	0.84	-0.44	80		
				8		10104	50.0	32,258	85	645	-1.04	1.70	-1.15	-2.18	129		
83	3	30,125	72	9	2261		31.0	48,447	257	1563	0.57	8.29	0.39	0.96	37		***
				10		10083	19.0	29,062	120	1530	0.51	6.32	-0.07	0.44	51	#	***
96	4	26,926	62	11	2124		9.0	14,726	181	1636	0.70	20.11	3.15	3.85	4	#	***
				12	2157		11.0	14,883	75	1353	0.20	6.82	0.05	0.25	58		***
				13	2201		4.3	4,007	75	932	-0.53	17.44	2.53	1.99	22		***
				14	2236		12.0	9,618	67	802	-0.76	5.58	-0.24	-1.00	100		
				15	2283		29.1	28,294	225	971	-0.47	7.72	0.26	-0.21	71		
				16	2126		22.5	19,203	28	853	-0.67	1.24	-1.25	-1.92	123		
				17	2128		10.5	16,683	75	1589	0.62	7.14	0.12	0.74	42		***
53	5	25,821	95	18	2050		55.1	102,655	805	1865	1.10	14.62	1.87	2.97	8		***
				19	2112		80.0	67,960	441	850	-0.68	5.51	-0.26	-0.93	96		
				20	2135		36.8	27,115	50	736	-0.88	1.36	-1.23	-2.10	127		
				21	2232 + 2197		42.4	49,737	282	1174	-0.11	6.65	0.01	-0.10	68	#	*
				22	2252		9.0	14,593	86	1628	0.69	9.59	0.70	1.38	26		***
				23	2279		2.4	1,985	8	844	-0.69	3.40	-0.75	-1.44	110		
87	6	24,573	65	24	2078 + 10087		50.1	101,350	652	2023	1.38	13.01	1.49	2.87	9	#	***
				25	2208 + 11087		35.0	54,938	301	1570	0.58	8.60	0.46	1.05	34		***
				26	2265		23.0	46,037	153	2002	1.34	6.65	0.01	1.35	27	#	***
113	7	19,255	68	27	2160 + 10113		41.9	55,602	340	1326	0.16	8.11	0.35	0.51	49		***
59	9	16,170	59	28	2166		59.6	98,514	471	1653	0.73	7.90	0.30	1.03	35		***
				29	2162		22.5	41,307	253	1836	1.05	11.24	1.06	2.13	18	#	***
75	10	16,145	79	30	2076		30.0	93,493	466	3116	3.29	15.53	2.08	5.37	1		***
				31	2262		42.5	15,232	432	358	-1.54	10.16	0.83	-0.71	88		
				32		10075	12.0	27,513	121	2293	1.85	10.08	0.81	2.66	12	#	***
91	11	15,979	34	33	2310		14.0	12,445	70	889	-0.61	5.00	-0.38	-0.98	98		
				34		10091	18.0	27,915	47	1551	0.55	2.61	-0.93	-0.38	76	#	**
90	12	15,087	20	35	2072		21.0	26,800	168	1276	0.07	8.00	0.32	0.39	53		***
				36	2238		9.4	24,070	98	2561	2.32	10.43	0.89	3.21	7		***
				37		10090	20.0	25,578	357	1279	0.07	17.85	2.62	2.70	11		***

SELECTION OF PRIORITY LINK (2)

NO.	BLOCK			STUDY LINK NO.			LINK LENG. (KM)	POPULA.	CULT. AREA (KM^2)	LINK VALUE				RANK	SHORT CONN.	ACT. CENTER	OVERALL EVAL.
	RANK	M-VALUE	POV.	SEQ.	PROV.	RURAL				P/L	DEV.	C.A/L	DEV.				
15	13	14,720	61	38	9066	10015	27.0	28,299	258	1048	-0.33	9.56	0.69	0.36	55	#	***
				39		21.6	25,432	116	1180	-0.10	5.38	-0.29	-0.39	77	**		
68	16	11,968	72	40		10068	30.0	38,690	253	1290	0.09	8.43	0.43	0.52	48		***
12	17	11,811	48	41		10012	50.0	53,125	189	1063	-0.30	3.78	-0.66	-0.97	97		
43	18	11,613	69	42		10043	67.5	78,642	638	1165	-0.13	9.45	0.66	0.54	45	#	***
				43		11043	37.0	74,386	471	2010	1.35	12.73	1.43	2.78	10	##	***
109	20	11,457	72	44	2199		36.5	47,307	351	1296	0.10	9.62	0.70	0.81	41	#	***
				45	2233		42.8	39,605	219	926	-0.54	5.12	-0.35	-0.89	94		
14	22	10,964	72	46		10014	40.0	25,194	253	630	-1.06	6.33	-0.07	-1.13	105		
				47		11014	25.1	59,810	177	2383	2.01	7.05	0.10	2.11	20		***
107	23	10,535	80	48	2284		12.0	9,366	7	781	-0.80	0.58	-1.41	-2.21	130		
				49		10107	41.0	54,380	295	1326	0.16	7.20	0.14	0.29	57		***
8	24	10,478	40	50	2249		31.4	18,296	186	583	-1.15	5.92	-0.16	-1.31	108		
				51	2257		7.6	7,743	36	1019	-0.38	4.74	-0.44	-0.82	92		
				52	2266		49.0	54,919	357	1121	-0.20	7.29	0.16	-0.05	67		
				53		10008	39.0	74,805	275	1918	1.19	7.05	0.10	1.30	28	#	***
				54		11008	22.5	51,800	35	2302	1.87	1.56	-1.18	0.69	43	#	***
31	25	9,783	45	55		10031	33.0	47,157	244	1429	0.34	7.39	0.18	0.52	47		***
48	26	9,687	75	56	2259		46.0	72,903	555	1585	0.61	12.07	1.27	1.88	24		***
35	27	9,564	64	57	2289		25.0	25,790	308	1032	-0.36	12.32	1.33	0.97	36	#	***
70	28	9,486	78	58		10070	8.0	12,070	188	1509	0.48	23.50	3.94	4.42	2	#	***
67	31	9,087	73	59	2297		15.0	31,287	148	2086	1.49	9.87	0.76	2.25	17	#	***
				60	2061		19.0	37,713	221	1985	1.31	11.63	1.17	2.48	13		***
16	32	8,967	58	61	2255		22.0	23,387	34	1062	-0.31	1.54	-1.18	-1.49	113		
				62	2312		29.2	33,270	233	1140	-0.17	7.98	0.32	0.15	60		***
40	34	8,866	81	63	2203		9.4	20,522	91	2182	1.66	9.68	0.71	2.37	16		***
29	35	8,604	67	64	2183		26.5	38,207	5	1442	0.36	0.19	-1.50	-1.14	106	#	*
27	36	8,599	81	65		10027	27.5	20,259	64	737	-0.88	2.33	-1.00	-1.87	122		
25	39	8,338	71	66	2300		30.0	58,006	3	1934	1.22	0.10	-1.52	-0.30	72		

SELECTION OF PRIORITY LINK (3)

BLOCK				STUDY LINK NO.			LINK LENG. (KM)	POPULA.	CULT. AREA (KM^2)	LINK VALUE				RANK	SHORT CONN.	ACT. CENTER	OVERALL EVAL.	
NO.	RANK	M-VALUE	POV.	SEQ.	PROV.	RURAL				P/L	DEV.	C.A/L	DEV.					T.DEV.
17	40	8,069	58	67	2095		33.5	35,029	28	1046	-0.33	0.84	-1.35	-1.68	119			
				68	2144		9.0	8,847	5	983	-0.44	0.56	-1.41	-1.86	121			
				69	2147		6.5	4,608	3	705	-0.93	0.46	-1.44	-2.37	131			
				70		10018	47.0	39,228	44	835	-0.70	0.94	-1.32	-2.03	125		#	*
1	41	8,060	32	71	2016		42.5	30,933	314	728	-0.89	7.39	0.18	-0.71	89			
				72	2174		15.9	4,841	8	304	-1.63	0.50	-1.43	-3.06	139			
				73	2140	+ 10001	24.0	20,819	166	867	-0.65	6.92	0.07	-0.58	84			
				74	2250		22.0	12,807	116	582	-1.15	5.27	-0.31	-1.46	111			
30	43	7,771	53	75	2025		14.2	27,772	107	1955	1.26	7.53	0.22	1.47	25		***	
46	45	7,569	72	76	2101		5.0	11,763	76	2353	1.95	15.20	2.00	3.96	3	#	***	
				77	2291		30.0	38,337	193	1278	0.07	6.43	-0.04	0.03	64		#	***
				78	2292		27.7	18,871	222	681	-0.97	8.01	0.33	-0.65	86			
				79		10046	9.0	10,489	70	1165	-0.12	7.78	0.27	0.15	61		#	***
				80	2102		6.1	10,797	72	1760	0.92	11.74	1.20	2.11	19			***
9	46	7,336	80	81		10009	21.0	17,249	112	821	-0.73	5.33	-0.30	-1.03	101			
114	47	7,284	79	82		10114	30.0	31,038	203	1035	-0.35	6.77	0.04	-0.32	74			
62	48	7,259	62	83	2081		21.0	16,097	17	765	-0.83	0.81	-1.35	-2.18	128			
79	49	7,047	68	84		10079	26.0	26,870	177	1033	-0.36	6.81	0.05	-0.31	73			
108	51	6,234	78	85	2131		14.8	22,348	45	1510	0.48	3.04	-0.83	-0.35	75			
10	52	6,139	53	86		10010	22.0	26,883	186	1222	-0.03	8.45	0.43	0.40	52		***	
36	53	6,111	74	87	2268		32.0	40,135	213	1254	0.03	6.66	0.01	0.04	63		***	
116	59	5,566	33	88		10116	21.0	18,528	105	882	-0.62	5.00	-0.38	-1.00	99			
22	60	5,483	71	89	2094		47.2	47,189	52	1000	-0.41	1.10	-1.29	-1.70	120			
				90	2307		29.8	31,436	50	1055	-0.32	1.68	-1.15	-1.47	112			
101	61	5,469	62	91	2164		15.0	10,846	180	723	-0.90	12.00	1.26	0.36	54		***	
				92	2247		23.3	3,461	71	148	-1.91	3.04	-0.83	-2.74	135			
95	63	5,285	68	93		10095	25.0	29,669	225	1187	-0.09	9.00	0.56	0.47	50		***	
86	67	4,612	73	94		10086	28.0	28,463	60	1017	-0.39	2.14	-1.04	-1.43	109			
32	72	4,393	70	95	2264		30.0	24,701	86	823	-0.72	2.87	-0.87	-1.60	116			
				96	9071		17.0	31,871	211	1875	1.12	12.41	1.35	2.47	14		#	***

SELECTION OF PRIORITY LINK (4)

NO.	BLOCK			STUDY LINK NO.			LINK LENG. (KM)	POPULA.	CULT. AREA (KM ²)	LINK VALUE				RANK	SHORT CONN.	ACT. CENTER	OVERALL EVAL.
	RANK	M-VALUE	POV.	SEQ.	PROV.	RURAL				P/L	DEV.	C.A/L	DEV.				
97	8	17,400	57	97	2213		13.7	20,766	180	1518	0.49	13.16	1.53	2.02	21		***
				98	2172		44.7	52,468	523	1174	-0.11	11.71	1.19	1.08	32		***
76	15	12,226	72	99		10076	10.0	22,915	90	2292	1.85	9.00	0.56	2.40	15	#	***
50	19	11,557	79	100	2105		12.4	15,538	73	1253	0.03	5.89	-0.17	-0.14	70	#	*
				101	2276	+ 10050	26.6	30,001	10	1128	-0.19	0.38	-1.45	-1.65	118	#	*
				102	2031		15.7	29,402	50	1878	1.12	3.19	-0.80	0.32	56		
				103	2033		56.8	82,906	185	1460	0.39	3.26	-0.78	-0.39	78		
63	29	9,255	58	104	2162		25.5	39,341	225	1543	0.54	8.82	0.52	1.05	33	#	***
81	30	9,182	79	105	2201		15.0	19,795	124	1320	0.15	8.27	0.39	0.53	46		
				106	2234		21.0	59,600	176	2838	2.80	8.38	0.41	3.22	6	#	***
71	33	8,867	71	107	2269		42.0	48,969	85	1166	-0.12	2.02	-1.07	-1.19	107	#	*
54	44	7,612	76	108		10054	27.0	78,526	275	2908	2.93	10.19	0.83	3.76	5	#	***
				109	2222		30.6	16,938	39	553	-1.20	1.27	-1.25	-2.44	132		
93	50	7,019	67	110	2165		35.0	57,041	256	1630	0.69	7.31	0.16	0.85	39		
47	55	6,073	71	111		10047	20.0	32,098	175	1605	0.64	8.75	0.50	1.14	31	#	***
78	56	6,004	58	112	2125		14.4	25,713	85	1789	0.97	5.92	-0.16	0.81	40		
				113	9126		28.0	40,533	255	1448	0.37	9.11	0.58	0.95	38		
				114	2085		32.0	38,001	207	1188	-0.09	6.47	-0.03	-0.12	69		
82	64	5,258	78	115	2288		9.8	6,963	59	711	-0.92	6.02	-0.14	-1.06	102		
24	66	4,911	58	116	2028		40.5	41,546	236	1026	-0.37	5.83	-0.18	-0.55	81		
65	68	4,588	75	117		10065	33.0	39,792	236	1206	-0.05	7.15	0.13	0.07	62		
23	73	4,245	67	118	2185	+ 9232	45.3	39,201	216	865	-0.65	4.76	-0.43	-1.08	103	#	*
44	75	3,857	63	119		10044	10.0	18,118	104	1812	1.01	10.40	0.88	1.89	23	#	***
				120	2101		41.0	4,324	158	105	-1.98	3.85	-0.64	-2.62	133		
				121	2291		18.5	15,840	115	856	-0.67	6.22	-0.09	-0.76	90		
110	77	3,833	71	122	2246		37.7	33,921	232	900	-0.59	6.15	-0.11	-0.70	87		
61	79	3,762	61	123	2285		21.8	27,909	136	1278	0.07	6.23	-0.09	-0.02	65		
33	80	3,758	62	124	2106		17.0	15,857	167	933	-0.53	9.82	0.75	0.22	59		
92	82	3,502	36	125	2298		12.5	18,868	90	1509	0.48	7.20	0.14	0.61	44		
				126	2309		25.0	33,325	276	1333	0.17	11.04	1.03	1.20	30		***

SELECTION OF PRIORITY LINK (5)

NO.	BLOCK			STUDY LINK NO.			LINK LENG. (KM)	POPULA.	CULT. AREA (KM^2)	LINK VALUE					RANK	SHORT CONN.	ACT. CENTER	OVERALL EVAL.
	RANK	M-VALUE	POV.	SEQ.	PROV.	RURAL				P/L	DEV.	C.A/L	DEV.	T.DEV.				
34	86	2,963	84	127	2253 +	2093	18.0	10,963	145	609	-1.10	8.06	0.34	-0.76	91		#	*
28	89	2,675	86	128	2188		27.3	28,778	153	1055	-0.32	5.61	-0.23	-0.55	82			
20	92	2,477	77	129	2280		30.1	32,894	39	1093	-0.25	1.30	-1.24	-1.49	114			
21	96	2,271	55	130	2142		7.8	10,272	28	1317	0.14	3.59	-0.71	-0.56	83			
19	97	2,050	67	131	2092		36.9	10,338	68	280	-1.67	1.84	-1.11	-2.79	136			
				132	2229		22.0	7,791	10	355	-1.54	0.46	-1.44	-2.98	138			
				133	2270		19.6	23,396	134	1194	-0.07	6.84	0.05	-0.02	66			
				134	2281		22.0	8,803	91	400	-1.46	4.14	-0.58	-2.04	126			
				135	2318		7.0	12,934	53	1848	1.07	7.57	0.22	1.29	29		#	***
				136	9073		18.5	9,503	11	514	-1.26	0.60	-1.40	-2.67	134			
5	109	817	51	137	2099		11.6	3,440	61	297	-1.65	5.26	-0.32	-1.96	124			
				138	2114		26.8	9,422	28	352	-1.55	1.05	-1.30	-2.85	137			
				139	2195		50.6	6,853	31	136	-1.93	0.61	-1.40	-3.33	140			
6	112	704	36	140	2154		9.0	6,327	33	703	-0.93	3.67	-0.69	-1.62	117			

STUDY ROUTE

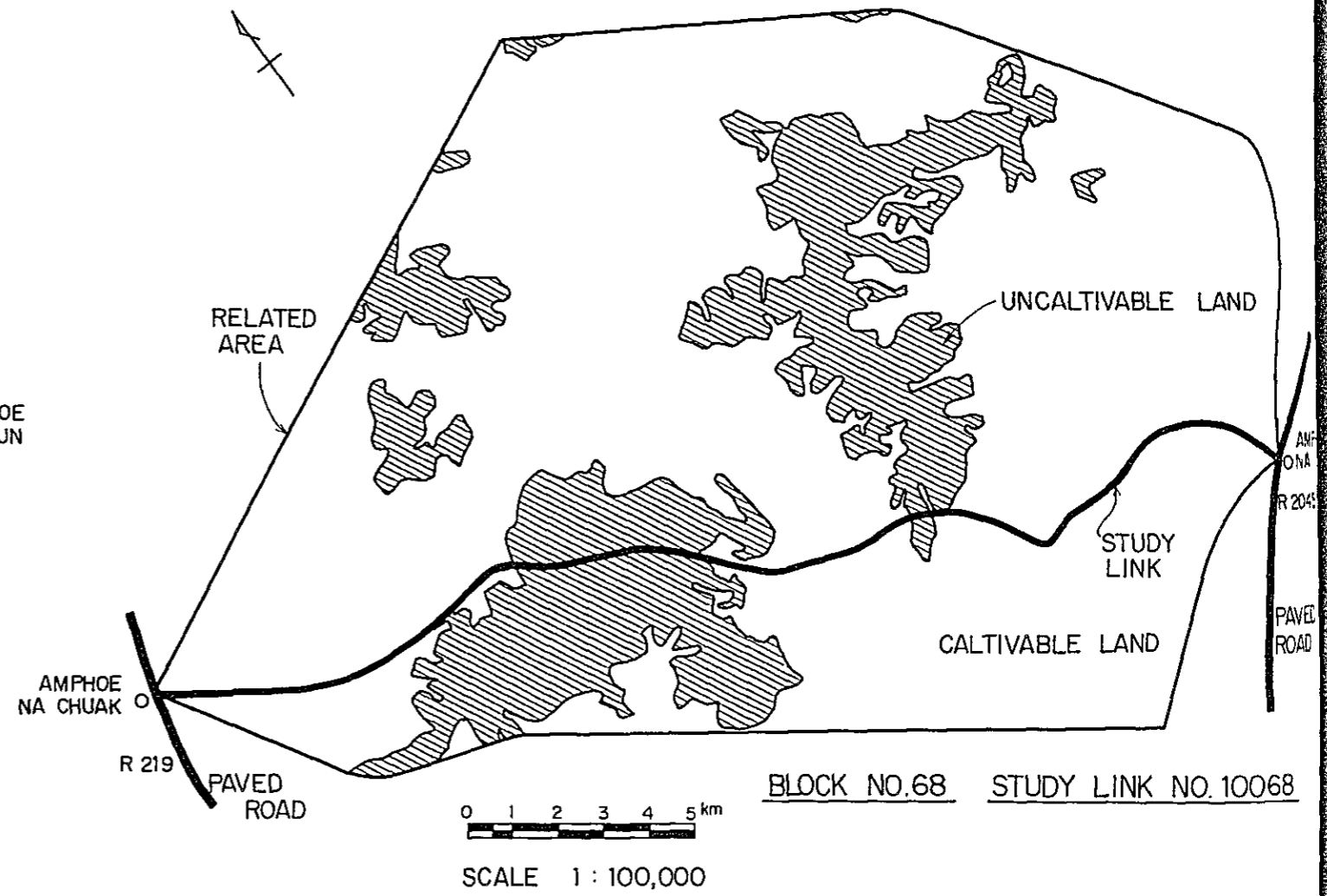
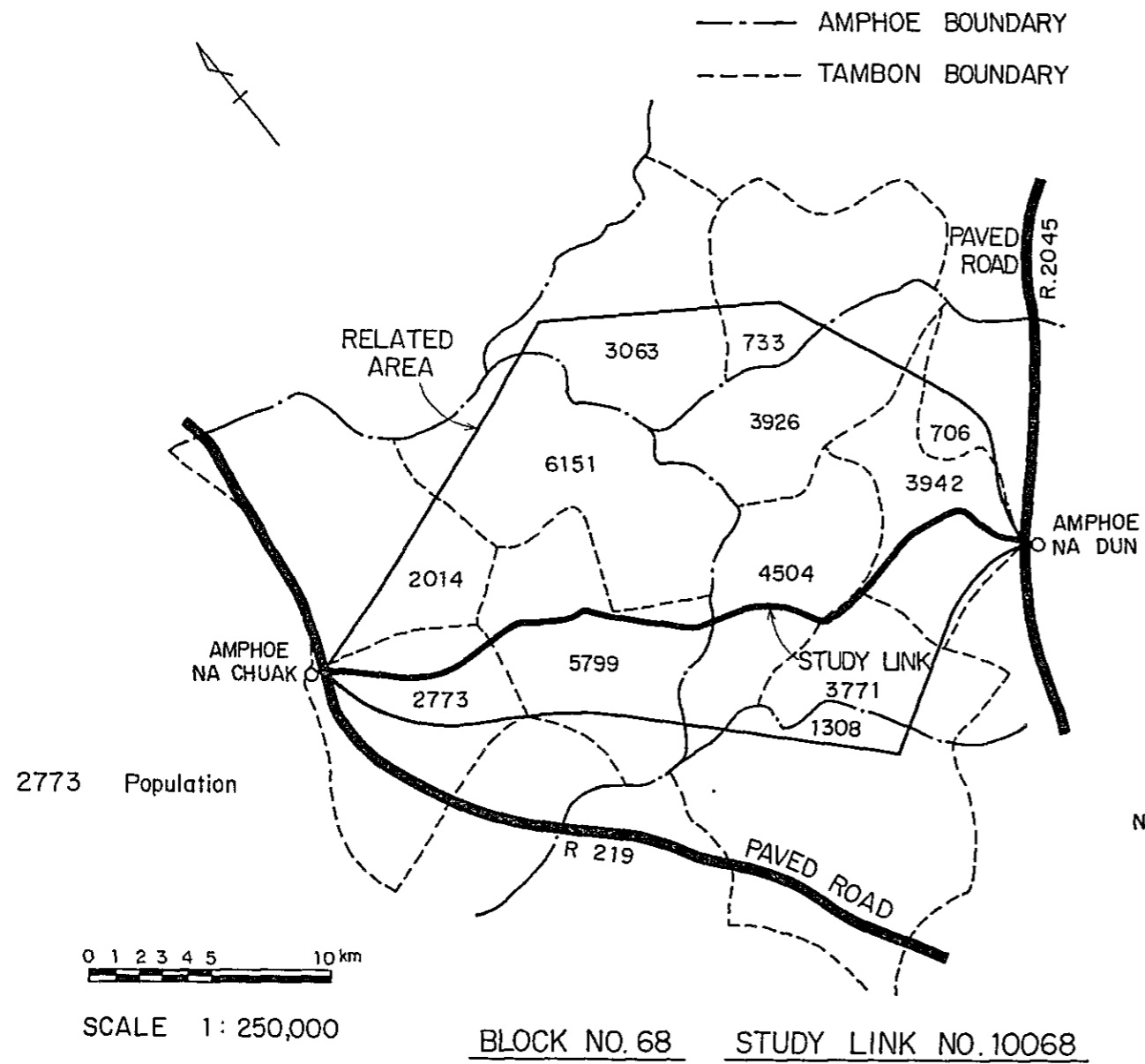
	NO. OF BLOCK	NO. OF LINK	LENGTH (KM)
TOTAL	153	140	3717.9
PROV.		108	2822.3
RURAL		32	895.6
PRIORITY BLOCK	107	107	2911.7
PROV.		79	2106.1
RURAL		28	805.6
OTHER BLOCK	46	33	806.2
PROV.		29	716.2
RURAL		4	90.0

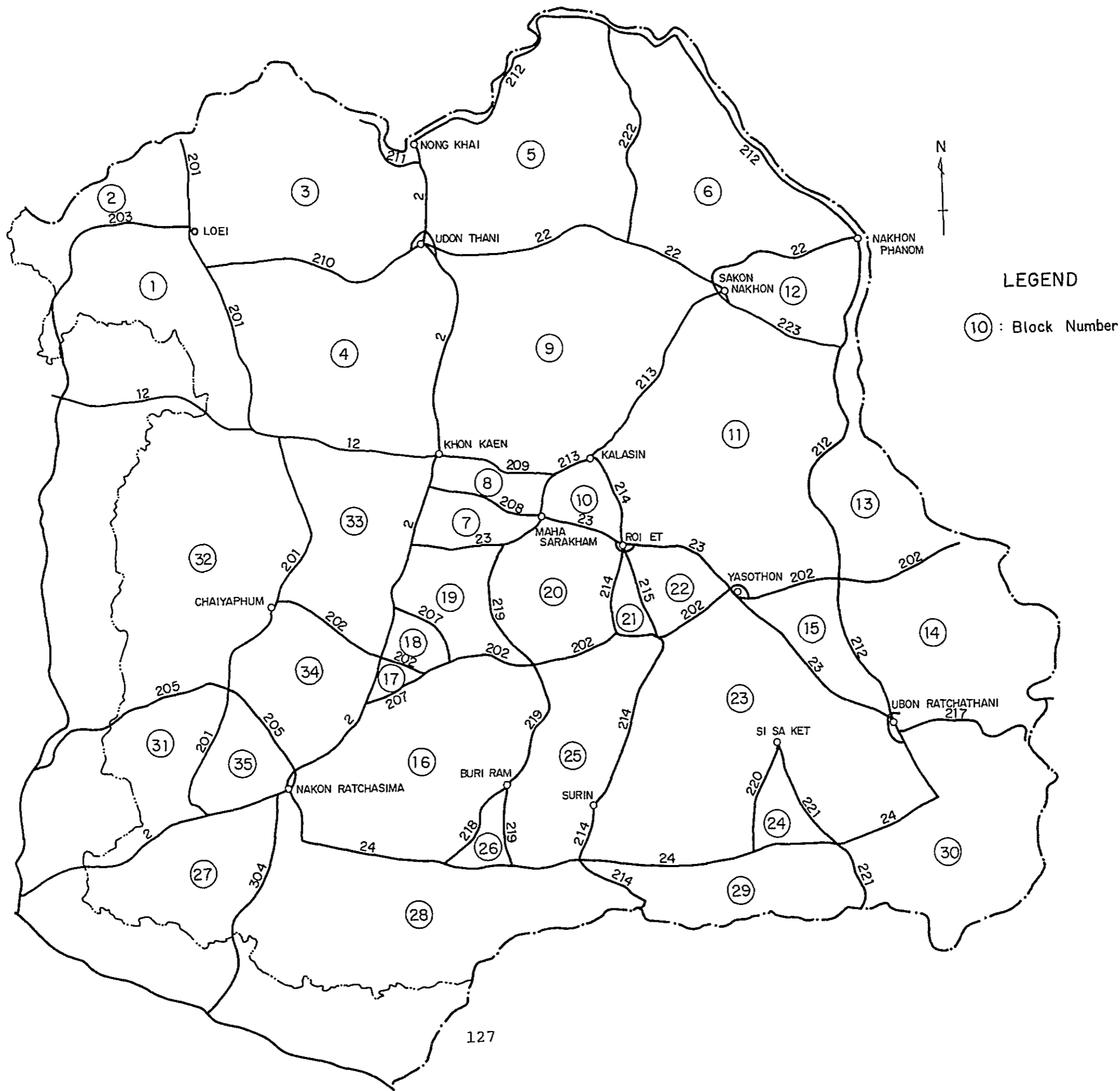
SELECTED PRIORITY LINK

	NO. OF LINK	LENGTH (KM)
TOTAL	66	1662.5
PROV.	44	1093.4
RURAL	22	569.1
*** : HIGH LINK VALUE	56	1362.7
PROV.	36	858.6
RURAL	20	504.1
** : SHORT CONNECTION	2	39.6
PROV.	1	21.6
RURAL	1	18.0
* : ACTIVITY CENTER	8	260.2
PROV.	7	213.2
RURAL	1	47.0

Appendix 5.12 POPULATION IN THE RELATED AREA

Appendix 5.13 CULTIVABLE AREA IN THE RELATED AREA



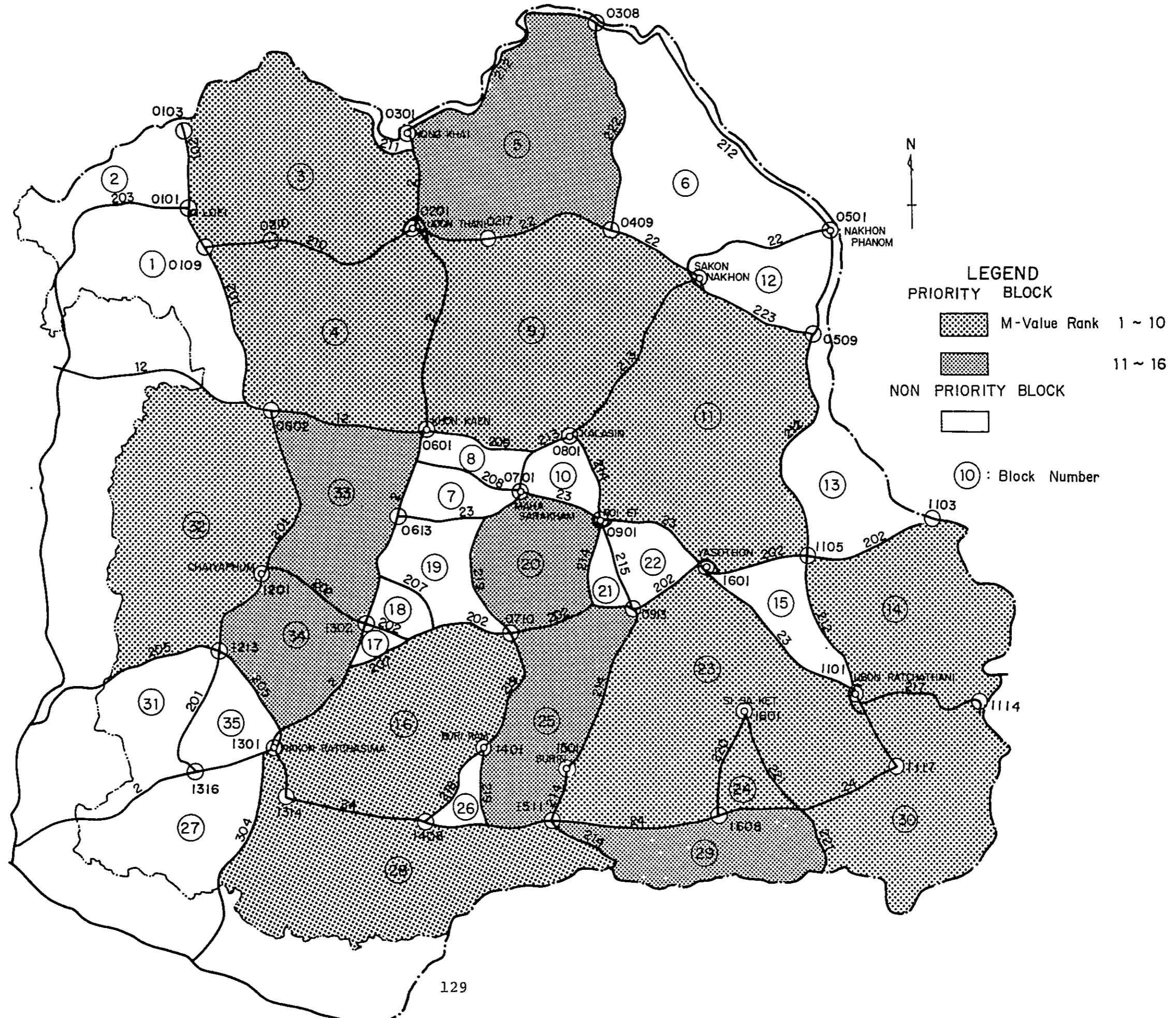


Appendix 5.15 ROAD NETWORK VALUE
OF BLOCK
SURROUNDED BY NATIONAL HIGHWAY

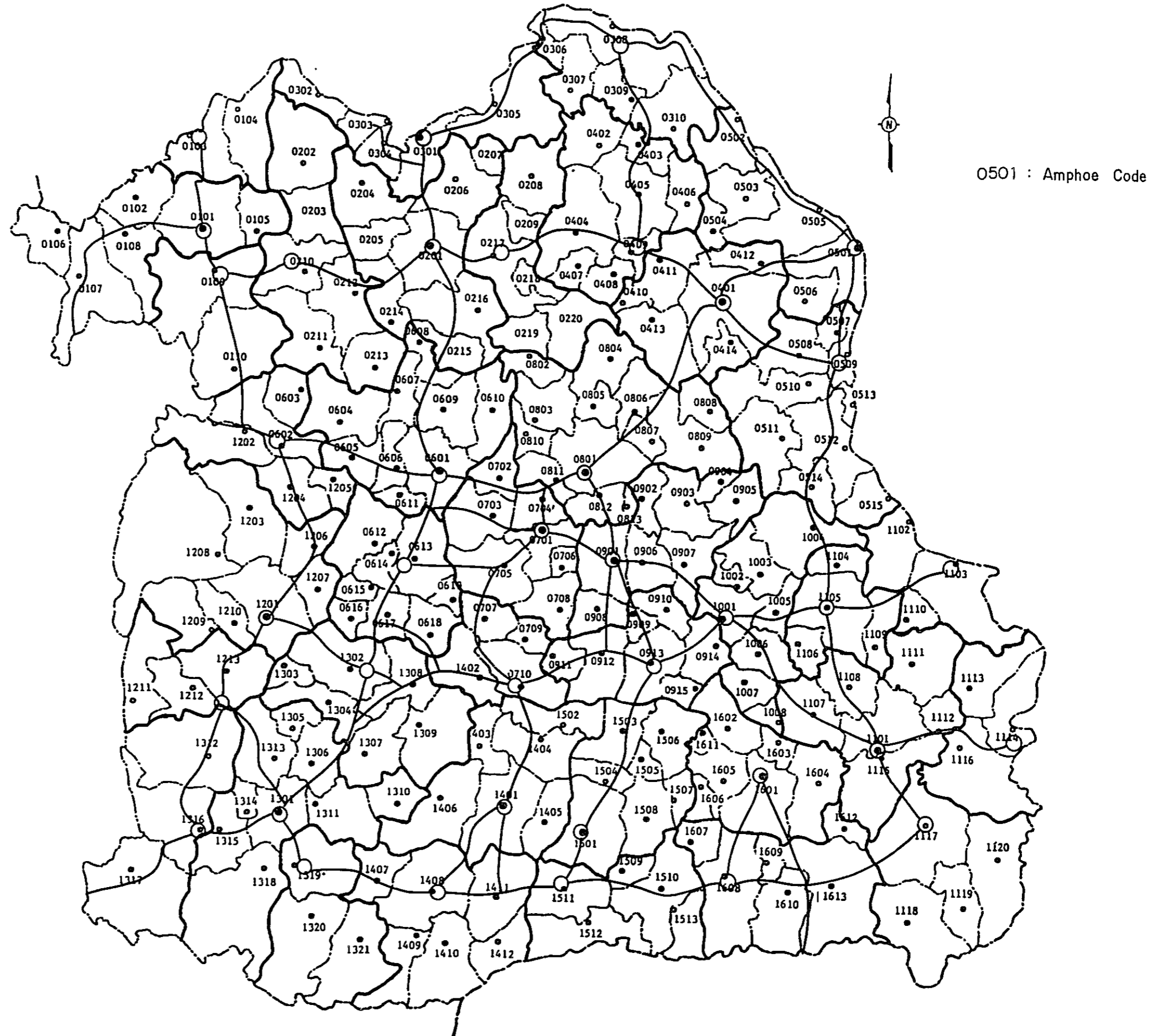
RANK	BLOCK NO.	POPULATION	CULTIVABLE AREA	LENGTH OF SURROUNDING LINK	ROAD NETWORK VALUE (M VALUE)
1	32	757,351	6,824.8	196.7	133,592
2	23	2,147,300	13,110.5	568.3	87,168
3	14	751,329	5,424.2	233.0	75,068
4	30	627,125	5,782.4	232.1	67,315
5	16	1,207,300	7,731.4	374.1	66,696
6	28	839,247	6,424.7	292.8	62,892
7	9	1,404,130	9,918.6	471.8	62,567
8	3	871,030	5,973.1	293.1	60,562
9	11	1,458,350	9,927.6	499.0	58,144
10	4	1,205,580	6,740.2	425.1	44,966
11	20	602,385	3,687.5	232.4	41,127
12	33	747,951	4,723.8	345.2	29,650
13	34	523,414	3,801.1	268.5	27,597
14	25	702,146	4,670.2	346.6	27,296
15	5	1,053,830	4,563.3	420.0	27,262
16	29	408,466	3,038.6	214.7	26,926
17	13	245,152	2,292.5	159.8	22,009
18	27	316,271	1,887.3	191.0	16,362
19	35	259,033	1,745.4	174.8	14,797
20	6	706,226	4,026.3	443.6	14,450
21	22	255,144	1,519.9	165.6	14,141
22	31	230,305	2,585.8	206.8	13,925
23	19	302,912	2,302.8	233.8	12,761
24	12	362,779	1,509.9	217.7	11,557
25	10	212,463	941.4	134.3	11,090
26	7	203,669	1,156.6	162.0	8,976
27	8	200,756	1,077.6	158.7	8,589
28	15	248,036	1,733.8	228.2	8,258
29	1	260,292	2,019.9	255.4	8,060
30	24	134,804	893.4	150.9	5,289
31	18	81,025	637.4	106.1	4,588
32	2	113,872	1,016.4	160.1	4,515
33	26	99,836	674.9	123.6	4,410
34	21	79,274	508.5	120.5	2,776
35	17	36,228	278.4	80.3	1,564

PRIORITY BLOCKS
SELECTED BY M VALUE

SELECTED PRIORITY BLOCKS
SURROUNDED BY NATIONAL HIGHWAYS



Appendix 5.17 ZONING MAP FOR CALCULATION OF GRAVITY



Appendix 5.18 GRAVITY ASSIGNMENT (1)

LINK	ORIGIN	DEST.	WITHOUT PROJECT			WITH PROJECT		
			(A)	(B)	(T)	(A)	(B)	(T)
1	101	103	35,909	2,580	38,489	21,130	2,580	23,710
2	101	109	167,515	9,634	177,149	152,736	9,634	162,370
3	109	210	143,538	14,302	157,840	132,373	14,302	146,675
4	109	602	171,435	31,517	202,952	122,794	31,517	154,311
5	201	210	241,246	0	241,246	206,980	0	206,980
6	201	217	335,059	19,440	354,499	256,190	8,613	264,803
7	201	301	264,999	18,071	283,070	206,454	10,993	217,447
8	201	601	623,375	59,980	683,355	284,624	0	284,624
9	217	409	196,529	10,827	207,356	149,487	0	149,487
10	301	308	55,246	7,078	62,324	30,852	0	30,852
11	308	409	50,194	0	50,194	69,900	7,078	76,978
12	308	501	23,928	0	23,928	15,699	0	15,699
13	401	409	253,545	0	253,545	178,933	0	178,933
14	401	501	96,939	7,832	104,771	85,437	7,832	93,269
15	401	509	179,421	9,859	189,280	73,522	0	73,522
16	401	801	330,882	26,634	357,516	124,886	16,776	141,662
17	501	509	78,874	0	78,874	89,681	0	89,681
18	509	1105	178,926	0	178,926	43,695	0	43,695
19	601	602	292,713	0	292,713	69,038	0	69,038
20	601	613	277,112	90,913	368,025	384,500	0	384,500
21	601	701	625,115	0	625,115	296,597	0	296,597
22	601	801	185,041	0	185,041	151,693	0	151,693
23	602	1201	178,991	45,774	224,765	115,697	87,849	203,546
24	613	701	361,911	74,099	436,010	232,835	64,240	297,075
25	613	1302	404,135	185,312	589,447	351,154	84,541	435,695
26	701	710	401,498	0	401,498	140,493	0	140,493
27	701	801	379,760	52,073	431,833	328,022	42,215	370,237
28	701	901	522,437	0	522,437	361,539	0	361,539
29	710	901	105,982	22,480	128,462	122,737	32,339	155,076
30	710	913	238,661	62,339	301,000	152,085	0	152,085
31	710	1302	335,718	96,401	432,119	193,344	43,920	237,264
32	710	1401	622,688	0	622,688	193,907	0	193,907
33	801	901	329,407	0	329,407	412,849	0	412,849
34	901	913	317,541	0	317,541	323,200	0	323,200
35	901	1001	387,733	0	387,733	323,455	0	323,455
36	913	1001	314,156	48,522	362,678	214,029	24,694	238,723
37	913	1501	318,549	0	318,549	158,201	0	158,201
38	1001	1101	356,371	23,827	380,198	188,395	0	188,395
39	1001	1105	192,106	10,616	202,722	151,688	10,616	162,304
40	1101	1105	163,229	0	163,229	50,353	0	50,353
41	1101	1114	90,648	4,378	95,027	61,044	4,378	65,422
42	1101	1117	406,362	0	406,362	111,166	0	111,166
43	1103	1105	81,492	3,911	85,403	39,492	3,911	43,403
44	1117	1601	191,356	0	191,356	35,904	0	35,904
45	1117	1608	140,251	9,466	149,717	52,539	9,466	62,005
46	1201	1213	194,202	77,770	271,972	162,306	168,683	330,989
47	1201	1302	250,670	0	250,670	164,194	0	164,194
48	1213	1301	145,178	0	145,178	109,450	0	109,450
49	1213	1316	28,903	91,587	120,489	46,618	182,500	229,118
50	1301	1302	374,279	309,340	683,619	274,984	156,088	431,072

NOTE

(A) : IN THE REGION

(B) : BETWEEN BANGKOK AND THE REGION

(T) : TOTAL

GRAVITY ASSIGNMENT (2)

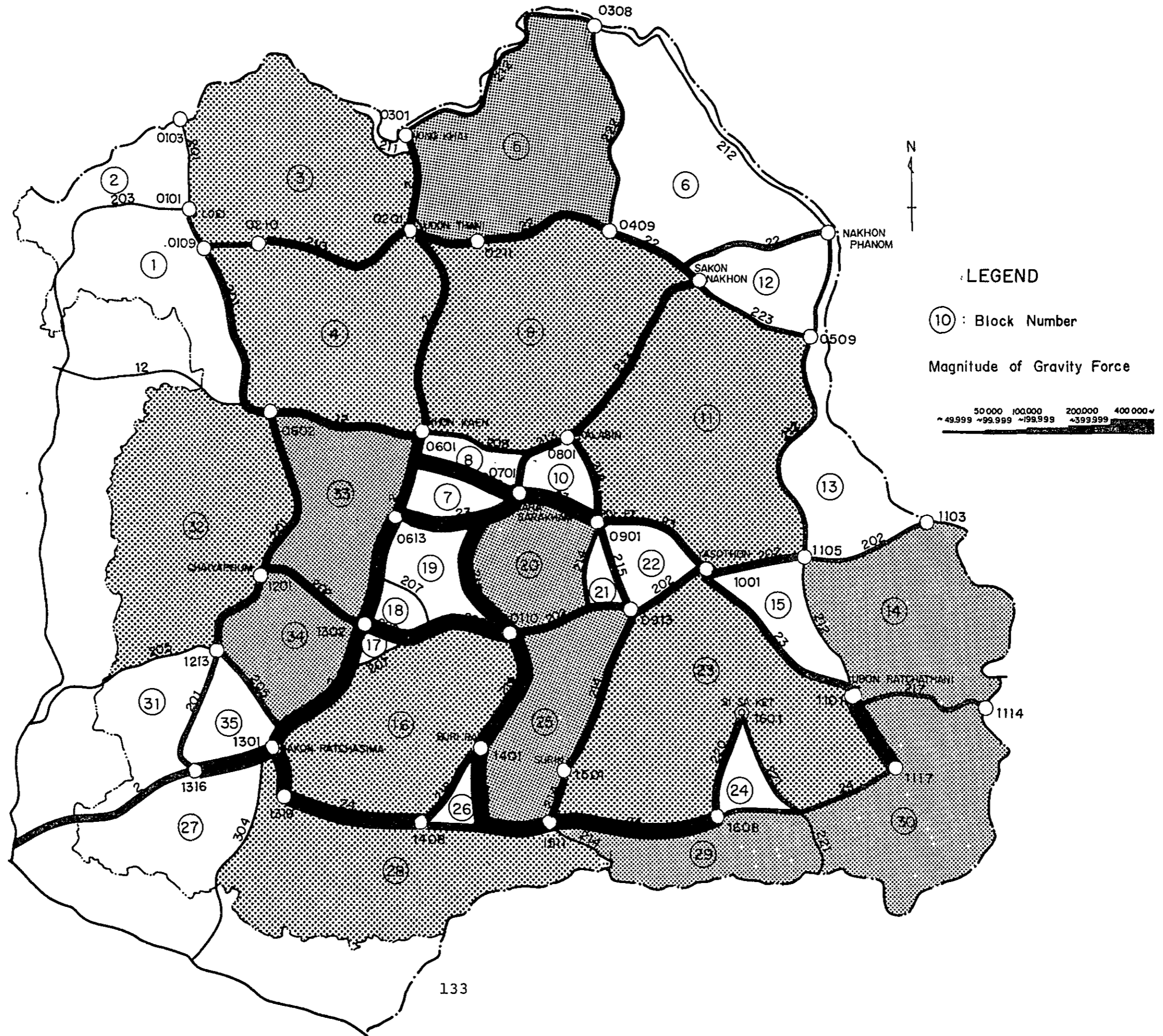
LINK	ORIGIN	DEST.	WITHOUT PROJECT			WITH PROJECT		
			(A)	(B)	(T)	(A)	(B)	(T)
51	1301	1316	177,860	564,837	742,697	128,718	372,614	501,332
52	1301	1319	415,928	183,555	599,483	190,152	0	190,152
53	1319	1408	298,861	163,554	462,415	117,407	81,308	198,715
54	1401	1408	221,169	33,695	254,864	148,388	0	148,388
55	1401	1511	435,993	0	435,993	94,328	0	94,328
56	1408	1511	218,302	97,361	315,663	128,002	48,810	176,812
57	1501	1511	493,278	29,289	522,567	289,666	0	289,666
58	1511	1608	451,486	47,315	498,801	52,922	28,052	80,974
59	1601	1608	242,433	19,263	261,696	176,020	0	176,020
60	103	201	0	0	0	10,683	0	10,683
61	103	301	0	0	0	4,096	0	4,096
62	109	301	0	0	0	13,264	0	13,264
63	109	601	0	0	0	54,865	0	54,865
64	201	602	0	0	0	63,587	42,075	105,662
65	201	801	0	0	0	182,663	0	182,663
66	217	308	0	0	0	5,383	0	5,383
67	301	409	0	0	0	26,943	0	26,943
68	401	1001	0	0	0	80,438	0	80,438
69	409	601	0	0	0	62,693	17,905	80,598
70	409	801	0	0	0	106,426	0	106,426
71	509	801	0	0	0	45,237	0	45,237
72	509	901	0	0	0	35,592	9,859	45,450
73	509	1001	0	0	0	72,626	0	72,626
74	509	1103	0	0	0	24,493	0	24,493
75	601	1201	0	0	0	98,645	48,838	147,483
76	602	613	0	0	0	48,343	0	48,343
77	602	1302	0	0	0	57,656	0	57,656
78	613	710	0	0	0	220,518	0	220,518
79	710	1501	0	0	0	158,176	0	158,176
80	913	1401	0	0	0	109,327	38,512	147,839
81	913	1601	0	0	0	261,053	0	261,053
82	1001	1601	0	0	0	102,146	0	102,146
83	1101	1103	0	0	0	23,518	0	23,518
84	1101	1601	0	0	0	225,013	23,827	248,840
85	1103	1114	0	0	0	10,746	0	10,746
86	1114	1117	0	0	0	18,858	0	18,858
87	1213	1302	0	0	0	46,722	0	46,722
88	1301	1401	0	0	0	175,243	144,585	319,828
89	1302	1401	0	0	0	140,455	0	140,455
90	1302	1408	0	0	0	72,307	0	72,307
91	1316	1319	0	0	0	31,426	101,309	132,735
92	1401	1501	0	0	0	274,022	72,378	346,400
93	1501	1601	0	0	0	172,577	43,090	215,667
94	1501	1608	0	0	0	117,869	0	117,869
95	0	0	0	690,621	690,621	0	690,621	690,621

NOTE

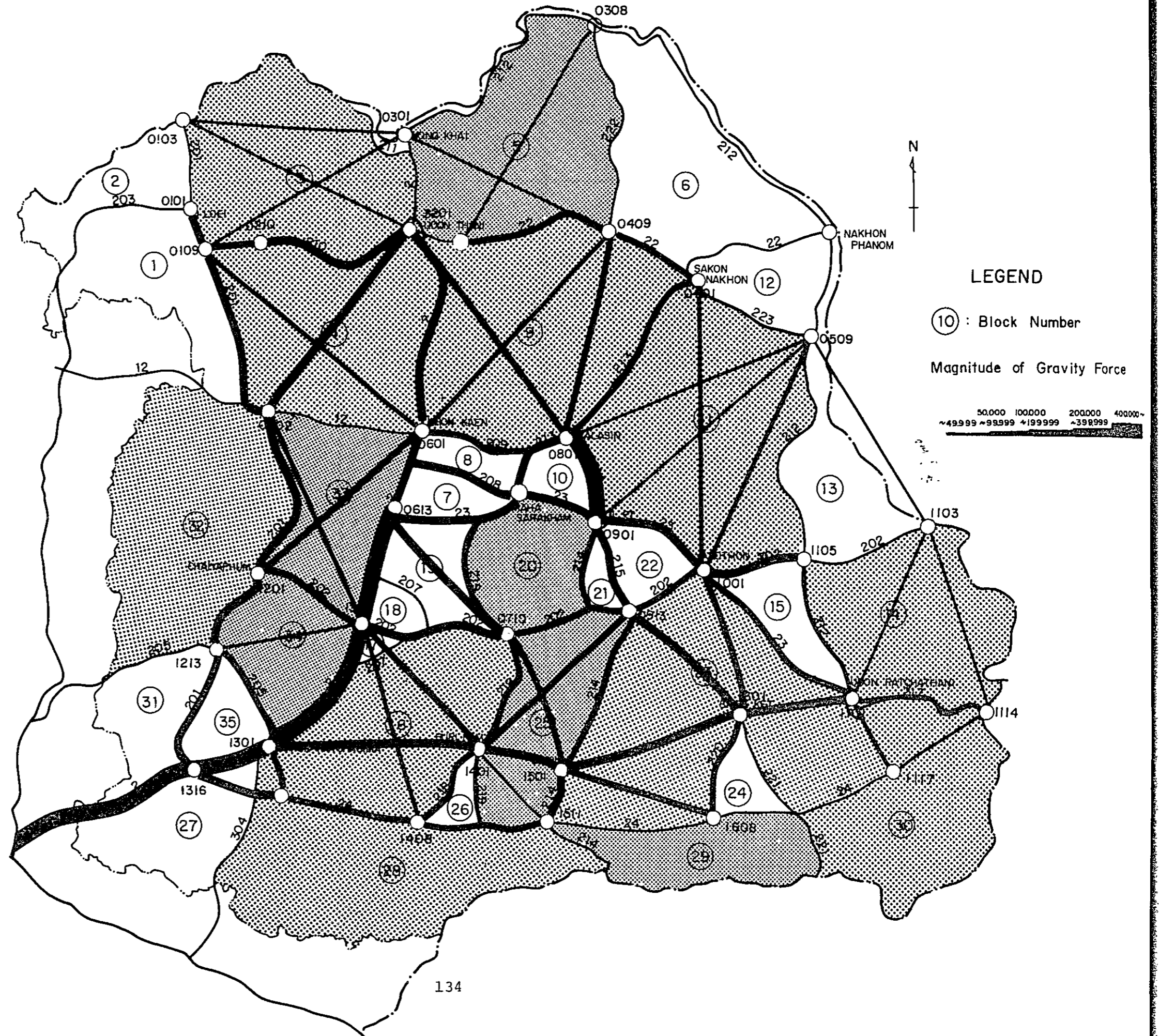
- (A) : IN THE REGION
(B) : BETWEEN BANGKOK AND THE REGION
(T) : TOTAL

Appendix 5.19 ASSIGNMENT OF GRAVITY FORCE
 (EXISTING NATIONAL HIGHWAY NETWORK)

Appendix 5.19



Appendix 5.20 ASSIGNMENT OF GRAVITY FORCE
(PROBABLE FUTURE NATIONAL HIGHWAY NETWORK)



Appendix 5.21 FUNCTION OF NATIONAL HIGHWAYS

- Function of National Highway in Thailand -

Roads which are of primary importance to the economic development, administration and defence of the Kingdom are designated National Highways.

- Function of National Highway in Japan -

National highways are composed major road networks with expressway, and have road functions as follows.

1. The road is connected between each Changwat, and runs through important cities on policy, economy, and culture.
2. The road runs through the cities which are important or have more than a population of 100,000 and so connects with expressway or national highway.
3. The road runs through more than 2 cities and connects with expressway or national highway.
4. The road is connected with international airport, harbor or sight-seeing city.
5. The road links important cities which need to be constructed by synthstic development planning in the country.

Appendix 5.22 PRIORITY BLOCKS TO BE UPGRADED TO NATIONAL HIGHWAY

Block No.	M Value (x 1000)	Rank	Node Pair	Assigned Gravity	Existing Traffic Volume	Upgrading Length (km)				Remarks	
						Paved	Unpaved	New Construction	Total		
N 3	60	8	103- 301	4	420~810	160			160	Border #2186 ^{1/}	
N 4	44	10	201- 602	106	210~910	86			86	High gravity #2153	
N 9	62	7	409- 801	106	500~840	119	18		137	High existing traffic, Better existing alignment #2027 + #2093 + #2253* + #2041	
N13	22	17	509-1103	24	-	78			78	Border #2034 + #2242	
N14	57	3	1103-1114	11	130		95		95	Border ^{2/} #2112 + #2173	
N16	66	5	1301-1401	320	400~680	62	28	20	110	High gravity #2162*	
N23	87	2	1101-1601	249	630~1100	58			58	High gravity and existing traffic. #2193	
			1501-1601	216	480~1100	98			98	Better network #2080 + #2084	
N25	27	14	1401-1501	346	-	25	30		55	High gravity #10087* + #2078*	
N27	16	18	1316-1319	133	-			50	50	Better network Extension of #24*	
N28	62	6	-	-	170~740	155			155	Border #2071 + #2119 + #2251 + #2075 + #2121	
N30	67	4	1114-1613	19	-		154		154	Border #2172* + #2248** + #9236**	
N32	133	1	-	-	-		95		95	Nong Rua - Ban Lam Chi Bon Highway Project, #2053***	
N33	29	12	601-1201	147	-	80			80	High gravity #2062 + #2149	
Total						921	420	70	1411		

Appendix 5.23 PRIORITY LINKS TO BE UPGRADED TO NATIONAL HIGHWAY

No.	Origin	Link	Destination	Upgrading Length (km)				Remarks
				Paved	Unpaved	New Construction	Total	
N 1	0103 A. Chiang Khon	-	0301 A.M. Nong Khai	160			160	Block N 3
N 2	0201 A.M. Udon Thani	-	0602 A. Chumphae	86			86	Block N 4
N 3	0409 A. Phong Khon	-	0801 A.M. Kalasin	119	18*		137	Block N 9
N 4	0509 A. That Phanom	-	1114 A. Khong Chiam	78	95 ^{2/}		173	Block N 13, N 14
N 5	1101 A.M. Ubon Ratchathani	-	1301 A.M. Nakhon Ratchasima	243	58*	20*	321	Block N 16, N 23, N 25
N 6	1316 A. Sikhiu	-	1319 A. Chok Chai			50*	50	Block N 27
N 7	1319 A. Chok Chai	-	1511 A. Prasat	155			155	Block N 28
N 8	1114 A. Khong Chiam	-	1613 A. Kanthararak		45* + 109**		154	Block N 30
N 9	1201 A.M. Chaiyaphum	-	1208 A. Nong Bua Daeng		95***		95	Block N 32
N10	0601 A.M. Khon Kaen	-	1201 A.M. Chaiyaphum	80			80	Block N 33
Total				921	420	70	1411	

^{1/} figures with # mark are rout number

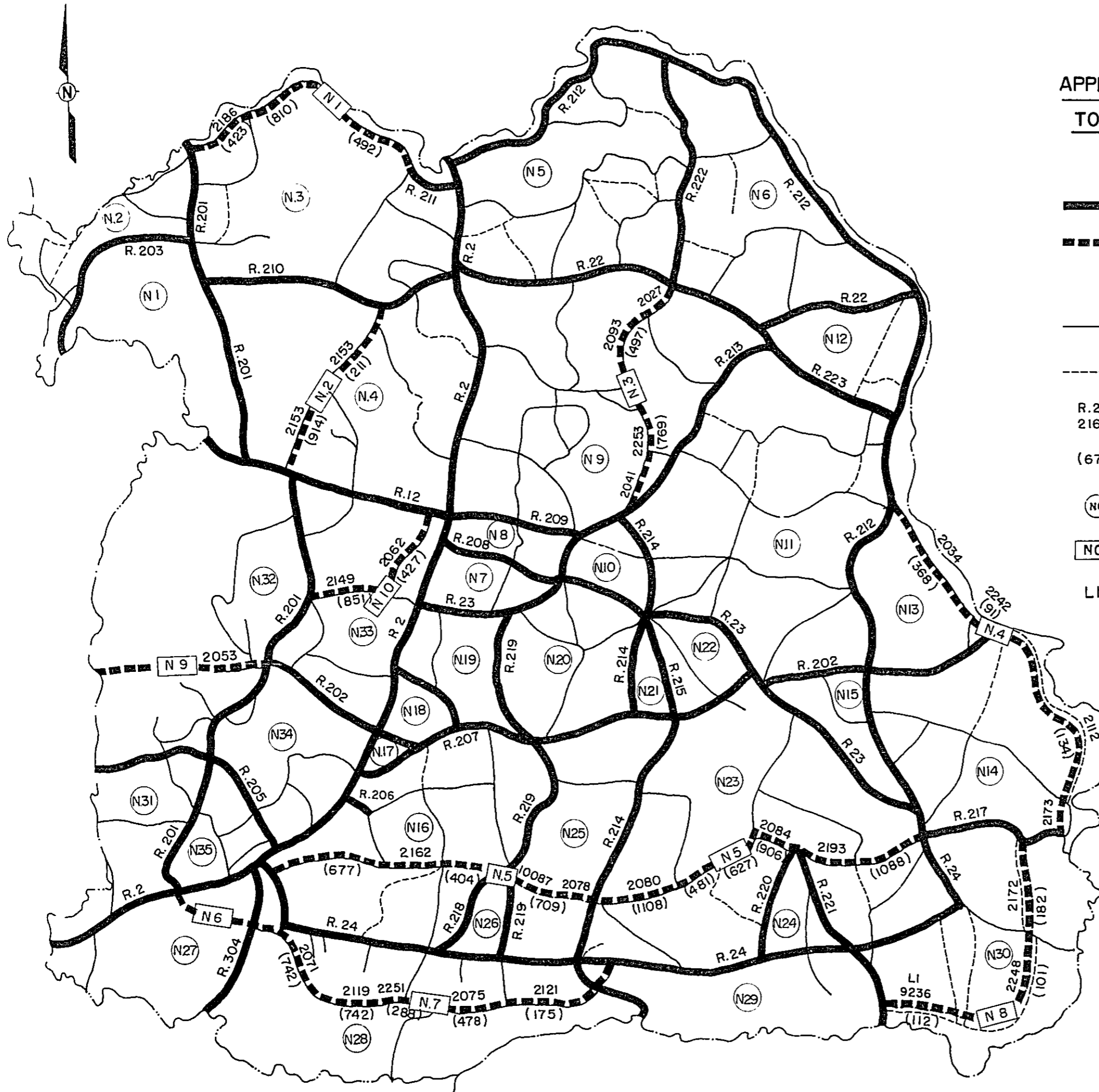
^{2/} Selected Route consists of #2112 & #2173

* Links selected through procedures applied in 5.1 and 5.2 (Identification of Priority Links for Improvement and New Construction)

** Under study by other agency

*** Nong Bua - Ban Lam Chi Bon Highway Project

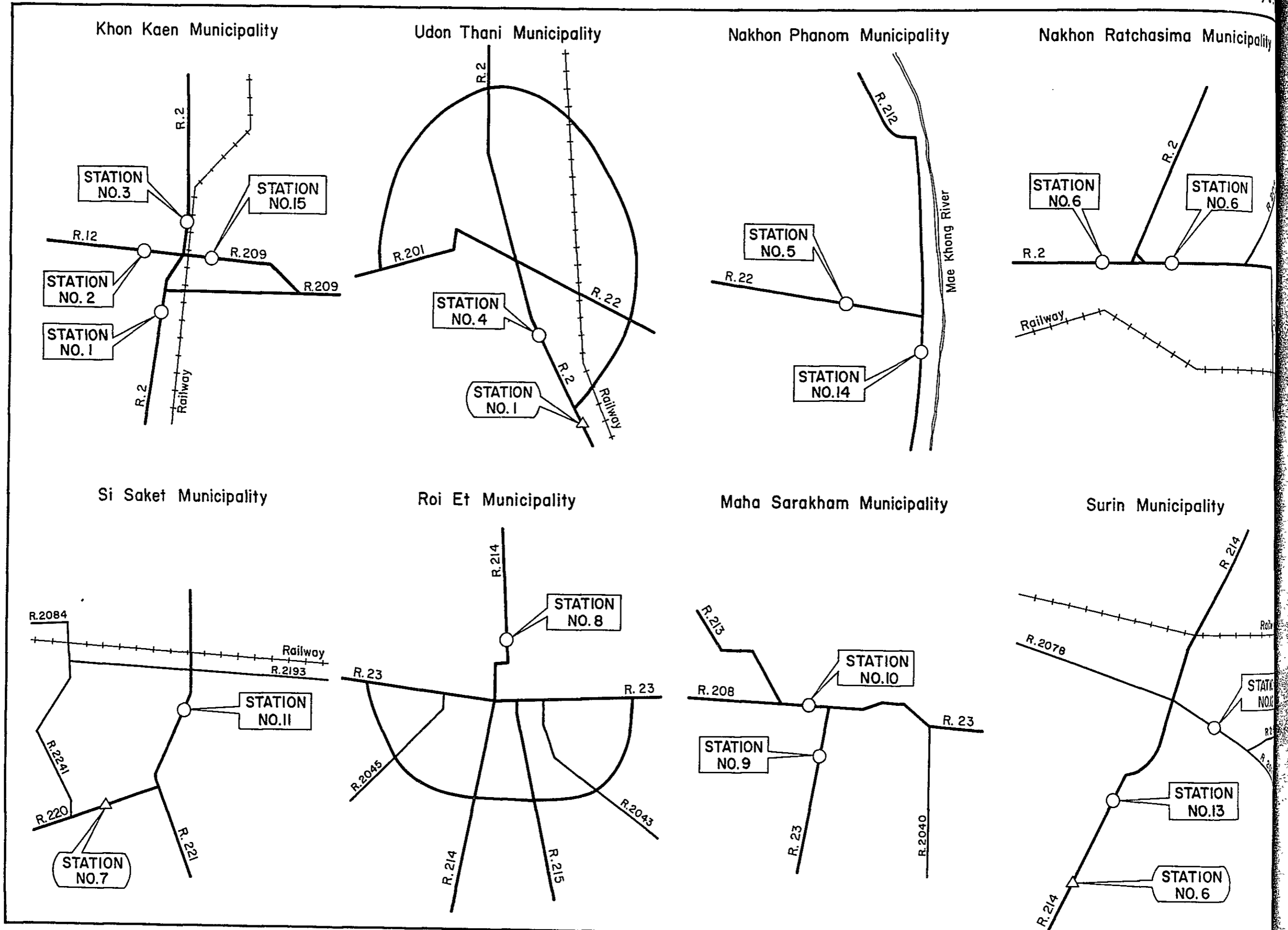
**APPENDIX 5.24 SELECTED PRIORITY LINKS
TO BE UPGRADED TO NATIONAL HIGHWAY**



LEGEND

- Existing National Highway
- Selected link to be upgraded to National Highway
- Paved Road (in 1985)
- Unpaved Road (in 1985)
- R.211
2162
(677) Route Number
- (677) ADT
- (N0) Block Number
- [N0] Link Number
- LI Route 2248 and 9236 are under study by other agency

○ = Traffic Count Station
 △ = O-D Survey Station



STATION NO.	IDENTIFICATION	PLANNING LEVEL	CHARA. OF AREA	LEVEL OF SERVICE	RESTRICTED SPEED (KM)	NO. OF LANE	WIDTH OF LANE (M)	PASSING SIGHT DISTANCE > 457 M (%)	OBSTRUCTED SIDE	DISTANCE FROM TRAFFIC LANE EDGE TO OBSTRUCTION (M)	GRADE (%)	LENGTH OF GRADE (M)
1	KOHN KAEN	2	URBAN	C	113	2	3.50	100	ONE	1.8	0.0	0.0
2	KOHN KAEN	2	URBAN	C	113	2	3.70	100	ONE	1.8	0.0	0.0
3	KOHN KAEN	2	URBAN	C	113	2	3.50	100	ONE	1.8	0.0	0.0
4	UDON THANI	2	URBAN	C	113	2	3.70	100	ONE	1.8	0.0	0.0
5	NAKHON PHANPOM	2	URBAN	C	113	2	3.70	100	ONE	1.8	0.0	0.0
6	NAKHON RACHASHIM	2	URBAN	C	113	4	3.50	100	ONE	1.8	0.0	0.0
7	NAKHON RACHASHIM	2	URBAN	C	113	4	3.50	100	ONE	1.8	0.0	0.0
8	ROI ET	2	URBAN	C	113	2	3.70	100	ONE	1.8	0.0	0.0
9	MAHA SARAHAM	2	URBAN	C	113	2	3.00	100	ONE	1.8	0.0	0.0
10	MAHA SARAHAM	2	URBAN	C	113	2	3.50	100	ONE	1.8	0.0	0.0
11	SI SA KET	2	URBAN	C	113	2	3.70	100	BOTH	1.3	0.0	0.0
12	SURIN	2	URBAN	C	113	2	3.70	100	BOTH	1.3	0.0	0.0
13	SURIN	2	URBAN	C	113	2	3.00	100	ONE	1.8	0.0	0.0
14	NAKHON PHANOM	2	URBAN	C	113	2	2.50	100	ONE	0.0	0.0	0.0
15	KOHN KAEN	2	URBAN	C	113	6	3.70	100	BOTH	0.0	0.0	0.0

(CONT'D)

STATION NO.	IDENTIFICATION	AVERAGE DAILY TRAFFIC	PERCENTAGE OF TRAFFIC IN PEAK HOUR	PERCENTAGE OF TRAFFIC IN PREDOMINANT DIRECTION	PERCENTAGE OF HEAVY VEHICLES	MOTORCYCLE TRAFFIC VOLUME	BICYCLE TRAFFIC VOLUME	TRICYCLE TRAFFIC VOLUME	ROADSIDE CONDITION	AFFECT OF INTERSECTION
1	KOHN KAEN	6,426	8.08	100.00	22.00	178	26	9	URBANIZED	NOT AFFECTED
2	KOHN KAEN	7,462	8.62	100.00	15.10	628	52	27	URBANIZED	NOT AFFECTED
3	KOHN KAEN	8,461	7.93	100.00	14.90	380	32	9	URBANIZED	NOT AFFECTED
4	UDON THANI	7,457	8.37	100.00	10.30	828	230	91	URBANIZED	NOT AFFECTED
5	NAKHON PHANPOM	2,045	10.95	100.00	12.10	321	96	32	URBANIZED	NOT AFFECTED
6	NAKHON RACHASHIM	16,475	7.16	55.60	14.30	213	114	87	URBANIZED	NOT AFFECTED
7	NAKHON RACHASHIM	16,395	7.25	51.00	17.50	257	64	165	URBANIZED	NOT AFFECTED
8	ROI ET	2,363	8.21	100.00	29.40	197	100	350	URBANIZED	NOT AFFECTED
9	MAHA SARAHAM	2,538	8.51	100.00	18.10	319	83	33	URBANIZED	NOT AFFECTED
10	MAHA SARAHAM	3,672	6.75	100.00	28.60	558	268	98	URBANIZED	NOT AFFECTED
11	SI SA KET	3,725	7.33	100.00	13.60	502	255	663	URBANIZED	NOT AFFECTED
12	SURIN	2,701	8.07	100.00	5.50	848	838	188	URBANIZED	NOT AFFECTED
13	SURIN	3,948	7.24	100.00	24.50	374	109	74	URBANIZED	NOT AFFECTED
14	NAKHON PHANOM	767	11.30	100.00	9.20	81	61	18	URBANIZED	NOT AFFECTED
15	KOHN KAEN	21,309	9.96	56.30	9.50	498	213	105	URBANIZED	NOT AFFECTED

STATION NO.	IDENTIFICATION	YEAR	TRAFFIC VOLUME IN PEAK HOUR	PERCENTAGE	BASIC CAPACITY	ADJUSTMENTS				HIGHWAY SERVICE VOLUME	TRAFFIC VOLUME / HIGHWAY SERVICE VOLUME
				OF HEAVY VEHICLES		SERVICE LEVEL OR PLANNING LEVEL	LANE WIDTH AND LATERAL CLEARANCE	HEAVY VEHICLES	T/C & B/C & M/C		
1	KOHN KAEN	1982	519	22	2000	0.70	0.91	0.82	0.84	874	0.59
		1987	644	22	2000	0.70	0.91	0.82	0.84	876	0.74
		1993	805	22	2000	0.70	0.91	0.82	0.84	876	0.92
		2001	1085	22	2000	0.70	0.91	0.82	0.84	876	1.24
2	KOHN KAEN	1982	643	15	2000	0.70	1.00	0.87	0.65	792	0.81
		1987	794	15	2000	0.70	1.00	0.87	0.66	798	1.00
		1993	993	15	2000	0.70	1.00	0.87	0.66	798	1.25
		2001	1338	15	2000	0.70	1.00	0.87	0.66	798	1.68
3	KOHN KAEN	1982	671	15	2000	0.70	0.91	0.87	0.77	850	0.79
		1987	828	15	2000	0.70	0.91	0.87	0.77	853	0.97
		1993	1036	15	2000	0.70	0.91	0.87	0.77	853	1.21
		2001	1396	15	2000	0.70	0.91	0.87	0.77	853	1.64
4	UDON THANI	1982	624	10	2000	0.70	1.00	0.91	0.54	683	0.91
		1987	770	11	2000	0.70	1.00	0.90	0.54	689	1.12
		1993	964	11	2000	0.70	1.00	0.90	0.54	689	1.40
		2001	1299	11	2000	0.70	1.00	0.90	0.54	689	1.88
5	NAKHON PHANPOM	1982	224	12	2000	0.70	1.00	0.89	0.52	647	0.35
		1987	276	12	2000	0.70	1.00	0.89	0.52	654	0.42
		1993	346	12	2000	0.70	1.00	0.89	0.52	654	0.53
		2001	466	12	2000	0.70	1.00	0.89	0.52	654	0.71
6	NAKHON RACHASHIMA	1982	656	14	4000	0.75	0.97	0.87	0.78	1973	0.33
		1987	813	14	4000	0.75	0.97	0.88	0.78	1987	0.41
		1993	1017	14	4000	0.75	0.97	0.88	0.78	1987	0.51
		2001	1371	14	4000	0.75	0.97	0.88	0.78	1987	0.69
7	NAKHON RACHASHIMA	1982	606	18	4000	0.75	0.97	0.85	0.72	1785	0.34
		1987	759	18	4000	0.75	0.97	0.85	0.73	1802	0.42
		1993	949	18	4000	0.75	0.97	0.85	0.73	1802	0.53
		2001	1280	18	4000	0.75	0.97	0.85	0.73	1802	0.71
8	ROI ET	1982	194	29	2000	0.70	1.00	0.77	0.39	419	0.46
		1987	245	30	2000	0.70	1.00	0.77	0.40	430	0.57
		1993	307	30	2000	0.70	1.00	0.77	0.40	430	0.71
		2001	413	30	2000	0.70	1.00	0.77	0.40	430	0.96
9	MAHA SARAHAM	1982	216	18	2000	0.70	0.78	0.85	0.52	478	0.45
		1987	267	18	2000	0.70	0.78	0.84	0.52	483	0.55
		1993	333	18	2000	0.70	0.78	0.84	0.52	483	0.69
		2001	449	18	2000	0.70	0.78	0.84	0.52	483	0.93
10	MAHA SARAHAM	1982	248	29	2000	0.70	0.91	0.78	0.37	370	0.67
		1987	310	28	2000	0.70	0.91	0.78	0.38	379	0.82
		1993	388	28	2000	0.70	0.91	0.78	0.38	379	1.02
		2001	523	28	2000	0.70	0.91	0.78	0.38	379	1.38

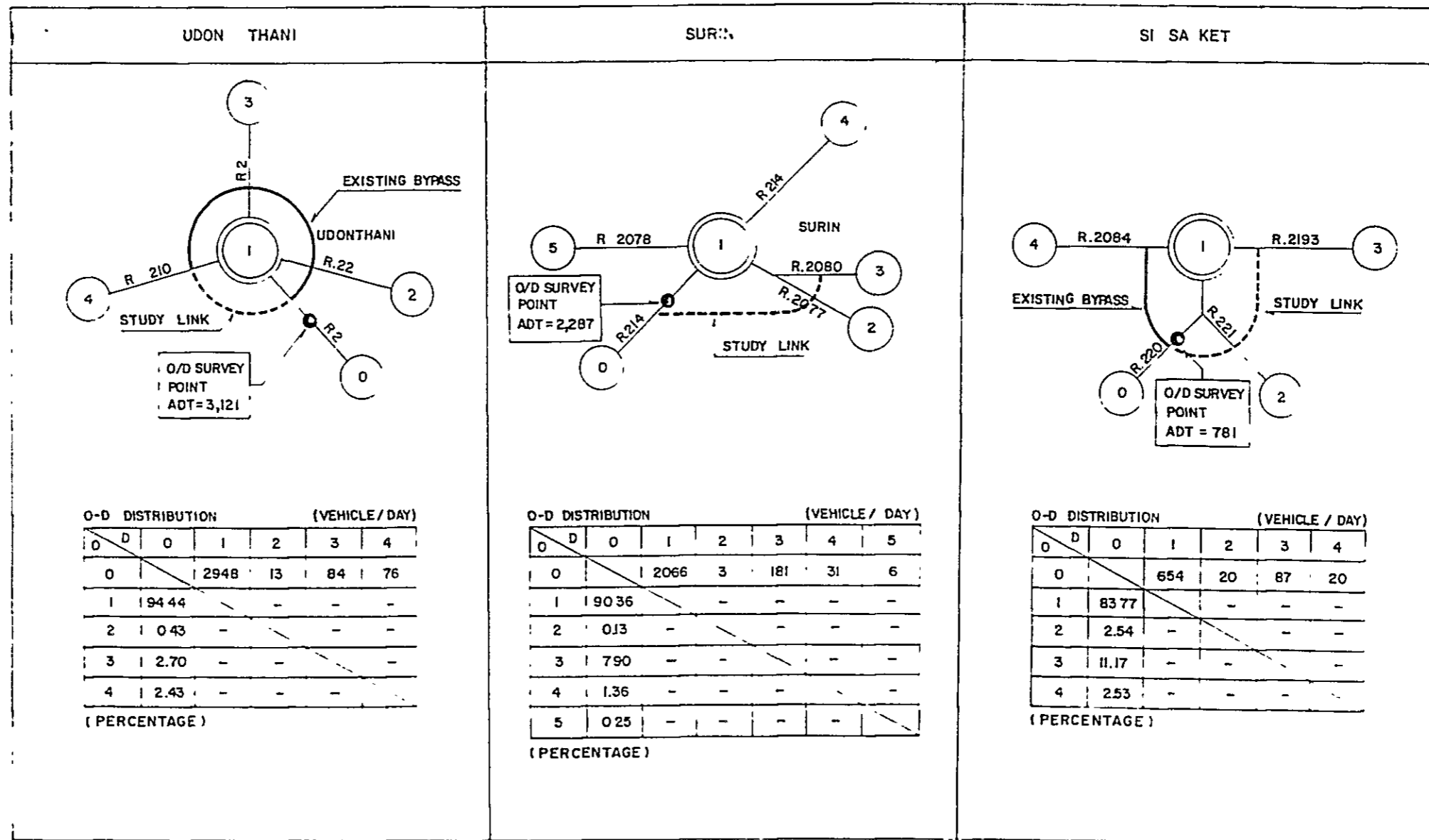
COMPARISON BETWEEN TRAFFIC VOLUME AND HIGHWAY SERVICE VOLUME (2)

Appendix 5.27

2 of 2

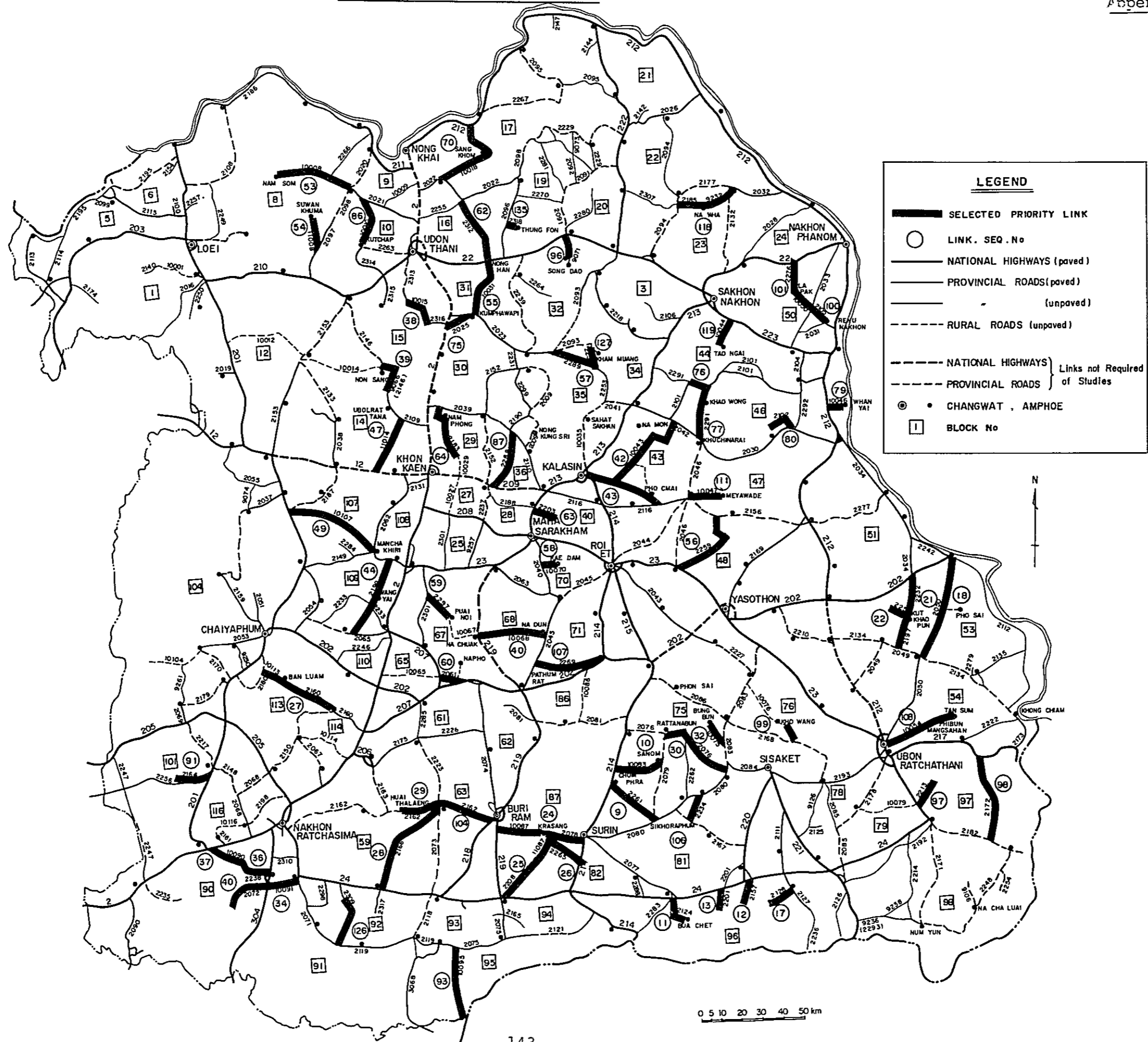
STATION NO.	IDENTIFICATION	YEAR	TRAFFIC VOLUME IN PEAK HOUR	PERCENTAGE	BASIC	ADJUSTMENTS				HIGHWAY	TRAFFIC
				OF HEAVY VEHICLES	CAPACITY	SERVICE LEVEL OR PLANNING LEVEL	LANE WIDTH AND LATERAL CLEARANCE	HEAVY VEHICLES	T/C & B/C & M/C	SERVICE VOLUME	/ HIGHWAY SERVICE VOLUME
11	SI SA KET	1982	273	14	2000	0.70	0.94	0.88	0.29	336	0.81
		1987	345	14	2000	0.70	0.94	0.88	0.30	347	0.99
		1993	432	14	2000	0.70	0.94	0.88	0.30	347	1.24
		2001	582	14	2000	0.70	0.94	0.88	0.30	347	1.68
12	SURIN	1982	218	6	2000	0.70	0.94	0.95	0.22	268	0.81
		1987	273	6	2000	0.70	0.94	0.95	0.22	276	0.99
		1993	341	6	2000	0.70	0.94	0.95	0.22	276	1.24
		2001	460	6	2000	0.70	0.94	0.95	0.22	276	1.67
13	SURIN	1982	286	25	2000	0.70	0.78	0.80	0.52	461	0.62
		1987	361	25	2000	0.70	0.78	0.80	0.54	471	0.77
		1993	452	25	2000	0.70	0.78	0.80	0.54	471	0.96
		2001	609	25	2000	0.70	0.78	0.80	0.54	471	1.29
14	NAKHON PHANOM	1982	87	9	2000	0.70	0.58	0.92	0.55	414	0.21
		1987	106	9	2000	0.70	0.58	0.91	0.56	417	0.26
		1993	133	9	2000	0.70	0.58	0.91	0.56	417	0.32
		2001	179	9	2000	0.70	0.58	0.91	0.56	417	0.43
15	KOHN KAEN	1982	1195	10	6000	0.75	0.91	0.91	0.76	2852	0.42
		1987	1489	9	6000	0.75	0.91	0.91	0.77	2876	0.52
		1993	1862	9	6000	0.75	0.91	0.91	0.77	2876	0.65
		2001	2510	9	6000	0.75	0.91	0.91	0.77	2876	0.87

Appendix 5.28 RESULT OF O-D SURVEY FOR BYPASS PLANNING



Appendix 5.29 SELECTED PRIORITY LINKS FOR IMPROVEMENT AND NEW CONSTRUCTION

Appendix 5.29



Appendix 5.30 鉄道と道路間の機関分担分析

色々な要因により、新たに建設される交通施設は、既存の交通施設より魅力的となる傾向がある。そのため、交通の新しい機関への転換が起こる。実際には交通量の転換に起因する費用が、もう一方の機関による便益を上回るために、この転換交通量は新たに投入される機関による便益の減少をもたらす場合がある。

鉄道と道路の場合の、機関分担また、交通機関選択の分析は次の手順による。

ステップ1：両交通機関の競合地域の選定

ステップ2：ODペア別の機関分担率の分析

ステップ3：機関分担モデルの開発

上記の分析のために、鉄道駅と路側におけるインタビュー調査が不可欠である。機関分担分析の概略フローをAnnex -1に示す。

A. 調査A.1 鉄道駅におけるインタビュー調査

旅客および貨物の発送人に対するインタビュー調査を、機関の競争の起こる地域の分析データおよび鉄道利用の特性データ収集のために行う。調査項目を次に示す。

- 発着地
- 鉄道料金及び費用
- 本線、待ち、及びアクセス時間
- 貨物取り扱い費用
- 機関選好特性

A.2 路側インタビュー

鉄道利用のODペアと同じODペアの交通を観測するために、調査地点を選定し、旅客及びトラックの運転手に対する路側インタビューを行う。このために鉄道駅におけるインタビュー調査結果を用いて調査地点を選択する。調査項目は貨物の取り扱い費用を除きA.1に示すものと同様である。

B. 機関分担分析B.1 ゾーン別ODペア別機関分担率

鉄道駅において収集されたデータをもとに、鉄道と道路の競争する地域を明確にし、道路ネットワーク、人口分布、地理的条件等を考慮してゾーニングを行う。路側インタ

ビューの調査地点はこのゾーンを前提に決められる。

インタビュー調査の結果より、パーソントリップ及びトン単位でODペア別の機関分担率が計算される。

B.2 機関分担モデル開発

機関分担モデル開発のために分担率と時間及び費用との相関関係の分析を行う。ここでは、その他、運転頻度、待ち時間、快適性等の要素についても合わせて分析を行う。

機関の選択を決定させる要素の中で、費用と所要時間は最も説明力のある要素である。これらの2要素を機関分担モデルの独立変数として用いる。

モデルの精度を高めるために快適性、待ち時間及び運行頻度を先の分析に加え分析する。

機関利用の総費用は次式で計算される。

$$S_i = C_i + W \cdot T_i$$

ここに、 S_i ：機関 i の等価費用又は犠牲量

C_i ：機関 i の費用

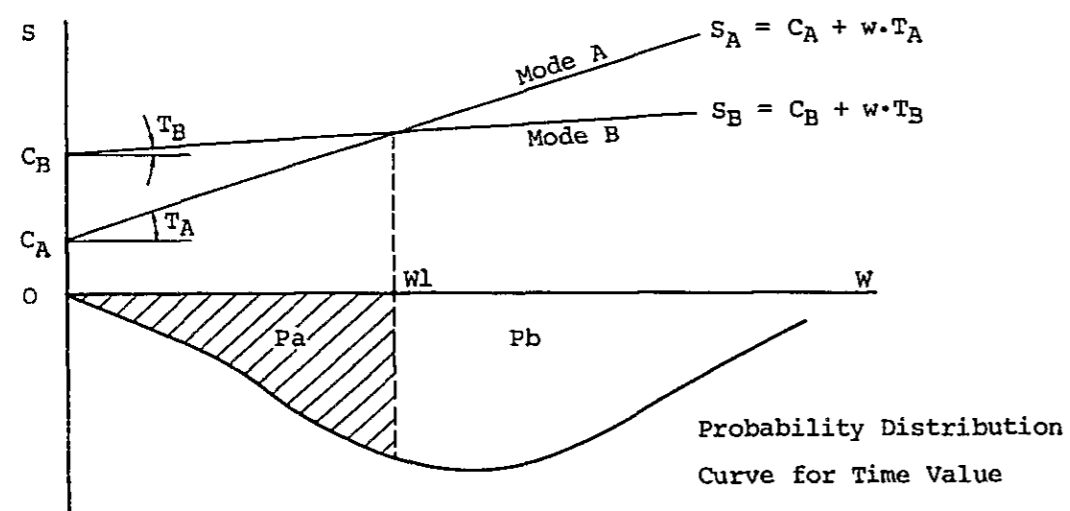
T ：機関 i の所要時間

W ：時間価値

i ：機関

上記の式中の C_i と T_i はインタビュー調査により収集される。

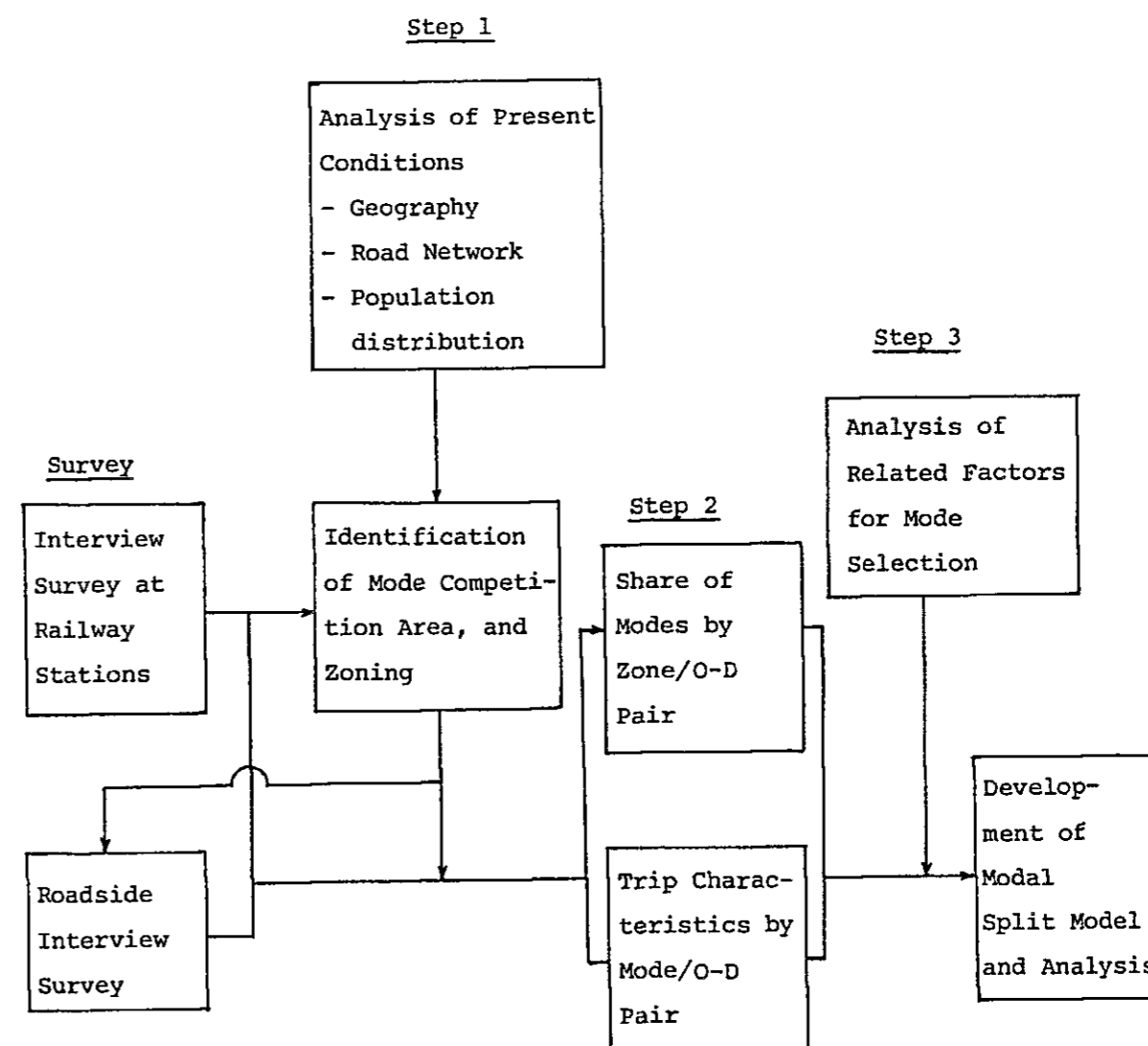
時間価値 W が設定されると等価交通費用の小さい機関が選択される。その選択過程を次の図に示す。



図は時間価値がW1より小さい人によりA機関がW1より大きい人によりB機関が選択されることを示している。A及びB機関の機関分担率は確率分布曲線において、ハッチングされている面積P_a及び無地のP_bとして示される。

Annex - 1

FLOW OF MODAL SPLIT ANALYSIS



Appendix 5.31 CHARACTERISTICS OF TRANSPORTATION MODE FOR PASSENGER

Classifi- cation	Bound	O/D Pair	Distance (km)			Number of Operation (Times) (%)					Travelling Time (hr)		Travelling Speed (km/h)		Number of Passenger (Person) (%)		
			Bus ^{1/}	Rail ^{2/}	Ratio	Bus ^{1/}	Express	Rail ^{2/} Rapid	Ordinary	Total	Bus ^{1/}	Rail ^{2/}	Bus ^{1/}	Rail ^{2/}	Bus ^{1/} , ^{3/}	Rail ^{4/}	Total
Bangkok to Changwat	East	BKK-Buri Ram	413	376	(1.10)	6 (30)	2	4	8	14 (70)	5.9	7.9	70	48	307 (23)	1018 (77)	1325 (100)
		BKK-Surin	452	420	(1.08)	10 (42)	2	4	8	14 (58)	6.9	8.9	65	47	297 (19)	1249 (81)	1546 (100)
		BKK-Si Sa Ket	564	515	(1.10)	4 (15)	2	4	6	12 (85)	9.0	10.5	65	49	149 (8)	1653 (92)	1802 (100)
		BKK-Ubon Ratchathani	679	575	(1.18)	2 (14)	2	4	6	12 (86)	11.3	11.6	60	50	68 (3)	2240 (97)	2308 (100)
	North	BKK-Khon Kaen	444	450	(0.99)	58 (87)	2	4	2	8 (23)	6.6	8.6	68	52	1805 (65)	983 (35)	2788 (100)
		BKK-Udon Thani	561	569	(0.99)	54 (87)	2	4	2	8 (23)	9.3	10.7	60	53	2654 (62)	1596 (38)	4250 (100)
Inter Changwat	East	Nakhon Ratchasima-Buri Ram	154	112	(1.38)	60 (73)	2	4	16	22 (27)	3.3	2.4	47	47	2349 (46)	2769 (54)	5118 (100)
		N.R.-Surin	197	156	(1.26)	26 (54)	2	4	16	22 (46)	4.0	3.4	49	46	996 (54)	863 (46)	1859 (100)
		N.R.-Ubon Ratchathani	416	311	(1.34)	10 (37)	2	4	11	17 (63)	7.5	6.6	55	47	336 (36)	594 (64)	930 (100)
		Surin-Si Sa Ket	103	95	(1.08)	23 (56)	2	4	12	18 (44)	3.8	1.8	27	53	642 (24)	2077 (76)	2719 (100)
		Si Sa Ket-Ubon Ratchathani	60	60	(1.00)	50 (74)	2	4	12	18 (26)	1.6	1.2	38	50	1661 (57)	1239 (43)	2900 (100)
	North	Nakhon Ratchasima-Khon Kaen	187	186	(1.01)	44 (79)	2	2	8	12 (21)	3.0	3.7	62	50	2048 (67)	995 (33)	3043 (100)
		N.R.-Udon Thani	305	305	(1.00)	32 (80)	2	2	4	8 (20)	4.4	5.4	69	56	1751 (90)	192 (10)	1943 (100)
		Khon Kaen-Udon Thani	120	119	(1.01)	45 (82)	2	4	4	10 (18)	2.1	2.2	57	54	2222 (89)	274 (11)	2496 (100)
		Udon Thani-Nong Khai	54	55	(0.98)	24 (71)	2	4	4	10 (19)	1.3	0.9	42	61	834 (95)	44 (5)	878 (100)

1/ : "Survey and analysis the demand for schedule bus services for type II in 1979"

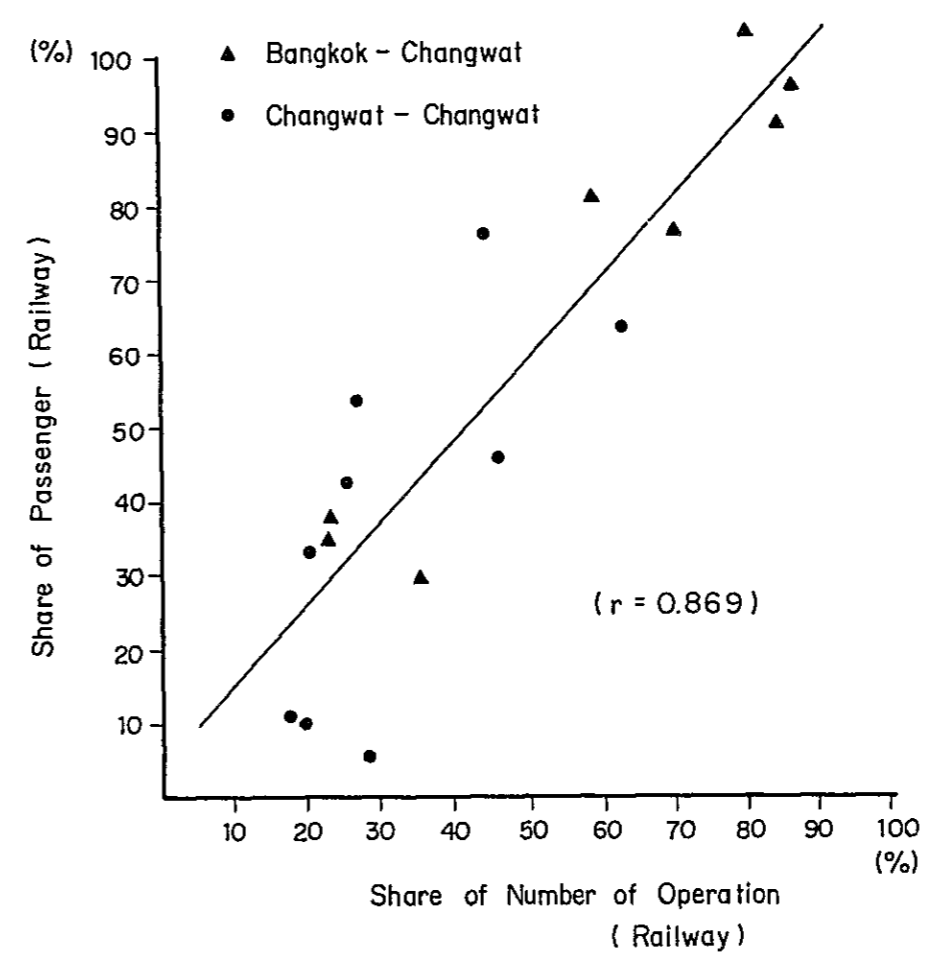
"Survey and analysis the demand for schedule bus services for type III in 1981" by Department of Land Transportation

2/ : Railway time table 1982 by SRT

3/ : Number of passenger on type II in 1981 was expanded based on the data in 1979

4/ : Passenger Statistics by Origin-Destination Station in 1981

Appendix 5.32 RELATIONSHIP BETWEEN SHARE OF PASSENGER AND SHARE OF NUMBER OF OPERATION



Appendix 5.33 ANALYSIS OF MODAL SPLIT FOR PASSENGER

Classification	Bound	O/D Pair	Bus				Railway				Equivalent cost ^{6/}		Indicator	Modal Split (%) Estimation ^{7/}					
			Fare ^{1/}	Travelling ^{2/}	Time Wating ^{3/}	Total	Fare ^{4/}	Travelling ^{5/}	Time Wating ^{3/}	Total	S _B	S _R		S _B -S _R	Bus	Rail	Total		
Bangkok	East	BKK-Buri Ram	79	5.9	4.0	9.9	67	7.9	1.7	9.6	152.3	138.0	14.3	23	77	100	37	63	100
		BKK-Surin	86	6.9	2.4	9.3	71	8.9	1.7	10.6	154.8	149.4	5.4	19	81	100	47	53	100
		BKK-Si Sa Ket	107.5	9.0	6.0	15.0	84	10.5	2.0	12.5	218.5	176.5	42.0	8	92	100	7	93	100
		BKK-Ubon Ratchathani	127.5	11.3	12.0	13.3	91	11.6	2.0	13.6	225.9	191.6	34.3	3	97	100	16	84	100
	to																		
	Changwat		BKK-Khon Kaen	85	6.6	0.4	7.0	81	8.6	3.0	11.6	136.8	166.8	-30.0	65	35	100	85	15
North		BKK-Udon Thani	106	9.3	0.4	9.7	95	10.7	3.0	13.7	177.8	196.4	-18.6	62	38	100	72	28	100
		BKK-Nong Khai	120.5	10.9	1.7	12.6	102	11.7	3.0	14.7	213.7	210.8	2.9	70	30	100	50	50	100
Inter	Changwat	Nakhon Ratchasima-Buri Ram	33	3.3	0.4	3.7	27	2.4	1.1	3.5	60.4	52.9	7.5	46	54	100	44	56	100
		N.R.-Surin	40.5	4.0	0.9	4.9	35	3.4	1.1	4.5	76.8	68.3	8.5	54	46	100	43	57	100
		East N.R.-Udon Ratchathani	80	7.5	2.4	9.9	58	6.6	1.4	8.0	153.3	117.2	36.1	36	64	100	13	87	100
		Surin-Si Sa Ket	23.5	3.8	1.0	4.8	25	1.8	1.3	3.1	59.0	47.9	11.1	24	76	100	40	60	100
		Si Sa Ket-Ubon Ratchathani	14	1.6	0.5	2.1	18	1.2	1.3	2.5	29.5	36.5	-7.0	57	43	100	60	40	100
	North	Nakhon Ratchasima-Khon Kaen	39	3.0	0.5	3.5	41	3.7	2.0	5.7	64.9	83.2	-18.3	67	33	100	72	28	100
		N.R.-Udon Thani	60	4.4	0.8	5.2	60	5.4	3.0	8.4	98.5	122.2	-23.7	90	10	100	78	22	100
		Khon Kaen-Udon Thani	26	2.1	0.5	2.6	34	2.2	2.4	4.6	45.2	68.0	-22.8	89	11	100	77	23	100
		Udon Thani-Nong Khai	12	1.3	1.0	2.3	21	0.9	2.4	3.3	29.0	45.4	-16.4	95	5	100	70	30	100

Note: 1/ "Bus fare table in 1981" by Department of Land Transportation.

2/ "Survey and analysis the demand for schedule bus services for type II in 1979 and for type III in 1981.

3/ Wating time: $T_w = 24 \div (N \div 2) \div 2$

T_w : Wating time (hours)

N : Number of operation for both directions (times)

4/ "Attachment No. 393 Regulations on transportation of passengers and their belonging. (Volume 2, 1926) by SRT

Additional charge for express is $\text{฿} 25/\text{trip}$ and for rapid is $\text{฿} 15/\text{trip}$

5/ Average travelling time were calculated based on "Railway time table 1982" by SRT

6/ Equivalent cost : $S_i = C_i + W T_i$

S_i : equivalent cost (฿)

C_i : fare (฿)

W : $\text{฿} 7.4/\text{h}$ (Minimum wage in 1981 is $\text{฿} 51$ and average working time is 7 hours)

T_i : travelling time + wating time

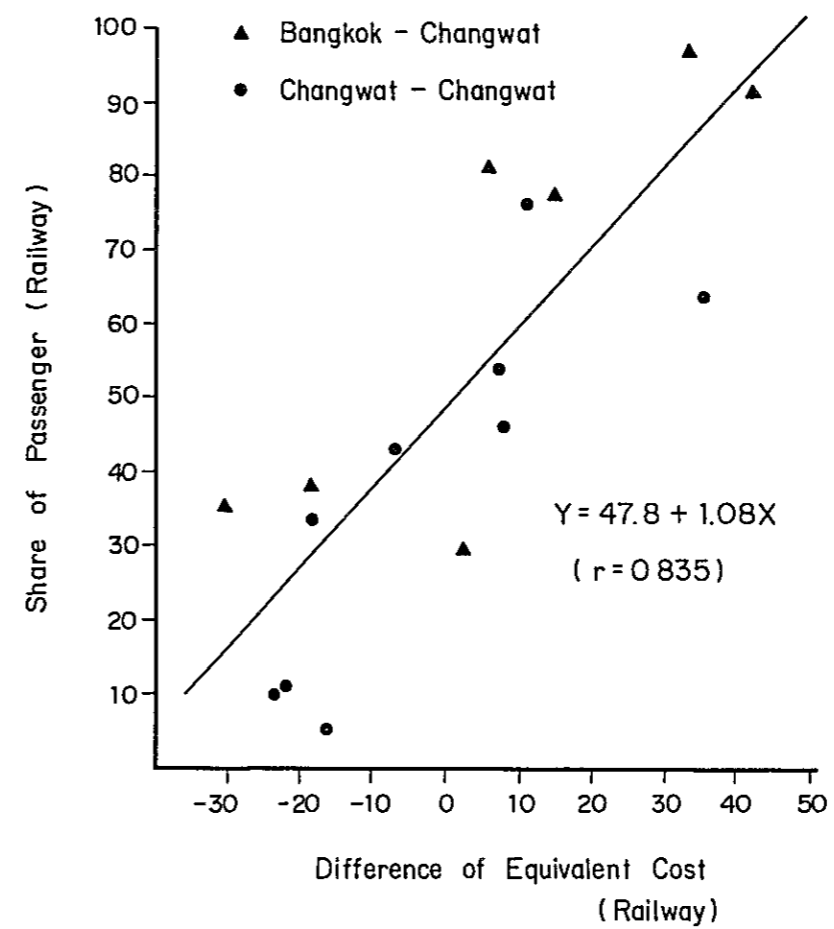
i : mode

7/ Share of railway : $P_R = 47.8 + 1.08 D_S$ ($r = 0.835$)

P_R : Share of railway

D_S : equivalent cost difference between bus and railway

Appendix 5.34 RELATIONSHIP BETWEEN SHARE OF PASSENGER AND DIFFERENCE OF EQUIVALENT COST



Appendix 5.35 MODAL SPLIT AFTER ROAD IMPROVEMENT

Classifi- cation	O/D Pair	Distance of bus Route		Travelling speed of bus		Bus fare		Time consuming on bus					Equivalent cost			Indicator		Modal Split			
		W	W̄	W	W̄	W	W̄	Travelling		Waiting Time	Total time		S _B		SR	S _B - S _R		Bus	Rail		
								W	W̄		W	W̄	W	W̄		W	W̄		W	W̄	W
Bangkok to Changwat	BKK - Buri Ram	380	413	70	70	73	79	5.4	5.9	4.0	9.4	9.9	142.6	152.3	138.0	4.6	14.3	33	67	77	10
	BKK - Surin	421	452	65	65	80	86	6.5	6.9	2.4	8.9	9.3	145.9	154.8	149.4	-3.4	5.4	29	71	81	10
	BKK - Si Sa Ket	553	564	65	65	102	107.5	8.2	9.0	6.0	14.2	15.0	207.1	218.5	176.5	30.6	42.0	20	80	92	12
	BKK - Ubon Ratchathani	592	679	60	60	111	127.5	9.9	11.3	12.0	11.9	13.3	199.3	225.9	191.6	7.7	34.3	32	68	97	29
Inter Changwat	Nakhon Ratchasima-Buri Ram	111	154	57.5	47	24	33	1.9	3.3	0.4	2.3	3.7	41.2	60.4	52.9	-11.9	7.5	67	33	54	19
	N.R. - Surin	166	197	57.5	49	34	40.5	2.9	4.0	0.9	3.8	4.9	62.1	76.8	68.3	-6.18	8.5	70	30	46	16
	N.R. - Ubon Ratchathani	329	416	57.7	55	63	80	5.7	7.5	2.4	9.1	9.9	130.3	153.3	117.2	13.4	36.1	61	39	64	15
	Surin - Si Sa Ket	103	103	57.5	27	23.5	23.5	1.8	3.8	1.0	2.8	4.8	442	59.0	47.9	-3.7	11.1	40	60	76	16
	Si Sa Ket-Ubon Ratchathani	60	60	57.5	38	14	14	1.0	1.6	0.5	1.5	2.1	25.1	29.5	36.5	-11.4	-7.0	62	38	43	5

Appendix 5.36 MODAL SPLIT FOR COMMODITY FLOW

Classifi- cation	Bound	O/D Pair	COMMODITY FLOW																unit: ton/year (%)			
			Agricultural Commodity						Construction materials and mining						Other Commodity				Total			
			Truck	Rail ^{1/}	Total	Truck	Rail	Total	Truck	Rail ^{1/}	Total	Truck	Rail	Total	Truck	Rail	Total	Truck	Rail ^{1/}	Total	Truck	Rail
Bangkok to Changwat	East	Bkk - Buri Ram	248,599 ^{2/}	2,105	250,704 (99.2)	(0.8)	17,170 ^{2/}	86	17,256 (99.5)	(0.5)	155,354 ^{2/}	5,118	160,472 (96.8)	(3.2)	421,123 ^{2/}	7,309	428,432 (98.3)	(1.7)				
		Bkk - Surin	242,086	1,809	243,985 (99.3)	(0.7)	24,708	0	24,708 (100.0)	(0)	173,064	1,830	174,894 (99.0)	(1.0)	439,858	3,639	443,497 (99.2)	(0.8)				
		Bkk - Si Sa Ket	105,092	5,768	110,860 (94.8)	(5.2)	10,598	265	10,864 (97.6)	(2.4)	83,523	3,916	87,439 (95.5)	(4.5)	199,213	9,949	209,162 (95.2)	(4.8)				
		Bkk - Ubon Ratchathani	333,190	8,524	341,714 (97.5)	(2.5)	38,979	3,967	42,946 (90.8)	(9.2)	309,936	133,385	443,321 (69.9)	(30.1)	682,105	145,876	827,981 (82.4)	(17.6)				
	North	Bkk - Khon Kaen	890,279	3,599	893,878 (96.1)	(3.9)	87,402	3,271	90,673 (96.4)	(3.6)	590,850	177,024	767,874 (76.9)	(23.1)	1,568,531	183,894	1,752,425 (89.5)	(10.5)				
		Bkk - Udon Thani	456,716	18,596	475,312 (96.1)	(3.9)	60,788	13,700	74,488 (81.6)	(18.4)	409,924	159,601	569,525 (72.0)	(28.0)	927,428	191,897	1,119,325 (82.9)	(17.1)				
		Bkk - Nong Khai	187,694	2,927	190,621 (86.5)	(13.5)	22,292	18	22,310 (99.9)	(0.1)	159,545	31,454	190,999 (83.5)	(16.5)	369,531	34,399	403,930 (91.5)	(8.5)				
Inter Changwat	East	Buri Ram-Surin	2,791 ^{3/} 0 ^{4/}	284	-	(-)	(-)	364 ^{3/} 0 ^{4/}	0	-	(-)	(-)	12,220 ^{3/} 0 ^{4/}	15	-	(-)	(-)	15,375 ^{3/} 0 ^{4/}	299	-	(-)	(-)
		Buri Ram-Si sa Ket	555 0	40	-	(-)	(-)	225 0	0	-	(-)	(-)	433 0	1	-	(-)	(-)	1,213 0	41	-	(-)	(-)
		Buri Ram-Ubon Ratchathani	225 87	36	-	(-)	(-)	2,149 451	0	-	(-)	(-)	173 0	38	-	(-)	(-)	2,548 537	74	-	(-)	(-)
		Surin-Ubon Ratchathani	0 0	0	-	(-)	(-)	867 0	0	-	(-)	(-)	156 433	86	-	(-)	(-)	1,248 433	86	-	(-)	(-)
		Si Sa Ket-Ubon Ratchathani	0 0	0	-	(-)	(-)	36,435	0	-	(-)	(-)	21,597 399	13	-	(-)	(-)	68,363 2,496	13	-	(-)	(-)
		Nakhon Ratchasima-Khon Kaen	64,612 24,037	612	-	(-)	(-)	266,580 95,228	720	-	(-)	(-)	200,876 57,553	91	-	(-)	(-)	266,580 95,228	720	-	(-)	(-)
		N.R. - Udon Thani	6,361 25,555	0	-	(-)	(-)	67,115 80,038	393	-	(-)	(-)	60,754 46,574	393	-	(-)	(-)	67,115 80,038	393	-	(-)	(-)
North	N.R. - Nong Khai	7,748 4,437	0	-	(-)	(-)	30,420 16,556	59	-	(-)	(-)	22,135 11,443	59	-	(-)	(-)	30,420 16,556	59	-	(-)	(-)	
	Khon Kaen-Udon Thani	6,992 57,831	0	-	(-)	(-)	11,152 119,179	79	-	(-)	(-)	1,942 57,068	79	-	(-)	(-)	11,152 119,179	79	-	(-)	(-)	
	Khon Kaen-Nong Khai	29,345 7,677	0	-	(-)	(-)	37,839 11,507	36	-	(-)	(-)	5,651 2,929	36	-	(-)	(-)	37,839 11,509	36	-	(-)	(-)	
Udon Thani-Nong Khai	74,648 1,577	0	-	(-)	(-)	367,467 4,852	1,010	-	(-)	(-)	182,121 191	1,010	-	(-)	(-)	367,467 4,852	1,010	-	(-)	(-)		

Note:

1/ "Carload freight traffic by origin-destination station by kinds of commodity 1981", SRT.

2/ Data were expanded based on data from "Quantity of road transportation survey 1979" by Department of Land Transportation

3/ "Quantity of road transportation survey 1973", Department of Land Transportation.

4/ "Quantity of road transportation survey 1974", Department of Land Transportation.

Appendix 5.37 THE RESULT OF FIELD INVESTIGATION
ON PRIORITY LINK
FOR IMPROVEMENT AND NEW CONSTRUCTION

(1)

PRIORITY LINKS SELECTED IN 3.3 (IDENTIFICATION FOR IMPROVEMENT AND NEW CONSTRUCTION)

BLOCK NO.	STUDY LINK NO. SEQ.	PROV.	RURAL	LINK LENG. (KM)	LINK VALUE T.DEV.	SHORT CONN.	ACT. CENTER	REMARKS	LENGTH OF PROPOSED ROUTE (KM)
83	9	2261		31.0	0.96			(a) 0 (b) 0 (c) - (d) - Connecting Rt 214 with Rt 2080, good road network is formed.	31.1
	10		10083	19.0	0.44		#	(a) 0 (b) 0 (c) X (d) X Deleted - A. Sanon is small and connected with Rt 2079 with good laterite road by only 5.0km in distance.	-
96	11	2124		9.0	3.85		#	(a) 0 (b) 0 (c) 0 (d) - Deleted - Section under DOH is to be paved in 1983.	-
	12	2157		11.0	0.25			(a) X (b) X (c) - (d) - Deleted - Related area is cultivable, but almost forest at present. Immediate development is unexpected.	-
	13	2201		4.3	1.99			(a) X (b) X (c) - (d) - Deleted - do -	-
	17	2128		10.5	0.74			(a) 0 (b) 0 (c) - (d) - Deleted - A road for security purpose is planned by other agency, near by the link.	-
53	18	2050		55.1	2.97			(a) 0 (b) 0 (c) X (d) - Altered to 67.1 km to connect K.A. Phosai with the link. Connecting paved section, whole section of Rt 2050 is to be paved road.	65.3
	21	2232 + 2197		42.4	-0.10		#	(a) 0 (b) 0 (c) X (d) - Altered to 18.9km - Improvement of only Rt 2197 is considered to be enough because A. Kut Khopum is small.	17.2
	22	2252		9.0	1.38			(a) 0 (b) X (c) - (d) - Deleted - Because Rt 2197 is to be improved.	-
87	24	2078 + 10087		50.1	2.87		#	(a) 0 (b) 0 (c) 0 (d) X Altered to 30.0km as some section is already paved. Important link connecting C. Surin and C. Buri Ram.	42.0
	25	2208		35.0	1.05			(a) 0 (b) 0 (c) - (d) - Important link passing through center part in developed area.	48.0
	26	2265		23.0	1.35		#	(a) 0 (b) 0 (c) 0 (d) - Deleted - Because Rt 2078 + 10087 and Rt 2208 adjacent to the link are to be improved. A.Krasang is connected by them.	-

Note

(a) Present condition and future prospect of the related area

(b) Number of settlement along the link

(c) Scale of activity center connected by the link

(d) Difficulty of acquisition of Right of Way on the link under other agencies

0 : well developed or expected X : underdeveloped or unexpected

0 : many X : few

0 : large or medium X : small

0 : not difficult X : difficult

THE RESULT OF FIELD INVESTIGATION
ON PRIDLITY LINK (2)
FOR IMPROVEMENT AND NEW CONSTRUCTION

BLOCK NO.	STUDY LINK NO. SEQ.	LINK PROV. RURAL	LINK LENG. (KM)	LINK VALUE T.DEV.	SHORT ACT. CONN. CENTER	REMARKS	LENGTH OF PROPOSED ROUTE (KM)
113	27	2160 + 10113	41.9	0.51		(a) 0 (b) 0 (c) - (d) X Good road network between Rt 2 and Rt 201 is formed and whole section of Rt 2160 is to be paved road.	48.0
59	28	2166	59.6	1.03		(a) 0 (b) 0 (c) - (d) - Passing through center part in developed area.	59.7
	29	2162	22.5	2.13	#	(a) 0 (b) 0 (c) 0 (d) - Important link for connection between C. Nakhon Ratchasima and C. Buri Ram.	25.0
75	30	2076	30.0	5.37		(a) 0 (b) 0 (c) - (d) - Passing through center part in developed area and good network between Rt 214 and 2080 is formed.	39.5
	32	10075	12.0	2.66	#	(a) 0 (b) X (c) X (d) X Deleted - Difficult to acquisition of right-of-way. A. Bung Bun is small.	-
91	34	10091	18.0	-0.38	#	(a) 0 (b) 0 (c) - (d) X Deleted - Already paved by RID.	-
90	35	2072	21.0	0.39		(a) 0 (b) 0 (c) - (d) - Deleted - A paved irrigation road exists closely.	-
	36	2238	9.4	3.21		(a) 0 (b) 0 (c) - (d) - Deleted - More than half of section is already paved.	-
	37	10090 extension of Route 24	20.0	2.70		(a) 0 (b) 0 (c) - (d) X Altered to 45.0km regarding as the link for extension of Rt 24.	51.5
15	38	10015	27.0	0.36		(a) 0 (b) 0 (c) - (d) X Two DOH roads, Rt 2313 and 2316 are connected and good road network is formed.	24.0
	39	9066	21.6	-0.39	#	(a) X (b) X (c) - (d) - Two DOH roads, Rt. 2109 and 2146 are connected and good road network is formed between Rt 2 and 210.	20.3
68	40	10068	30.0	0.52		(a) 0 (b) 0 (c) - (d) X Deleted - Difficult to acquisition of right-of-way.	-

Note

- (a) Present condition and future prospect of the related area
 (b) Number of settlement along the link
 (c) Scale of activity center connected by the link
 (d) Difficulty of acquisition of Right of Way on the link under other agencies
- 0 : well developed or expected
 0 : many
 0 : large or medium
 0 : not difficult
- X : underdeveloped or unexpected
 X : few
 X : small
 X : difficult