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北部地方道路網整備計画調査報告書

フェーズI: 計 画

第 3 巻: 図面集

昭和58年6月

国際協力事業団

タイ 北部地方道路網整備計画調査報告書

フェーズI 第3巻 計画 図面集

昭和58年6月


国際協力事業団

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# 北部地方道路網整備計画調査報告書

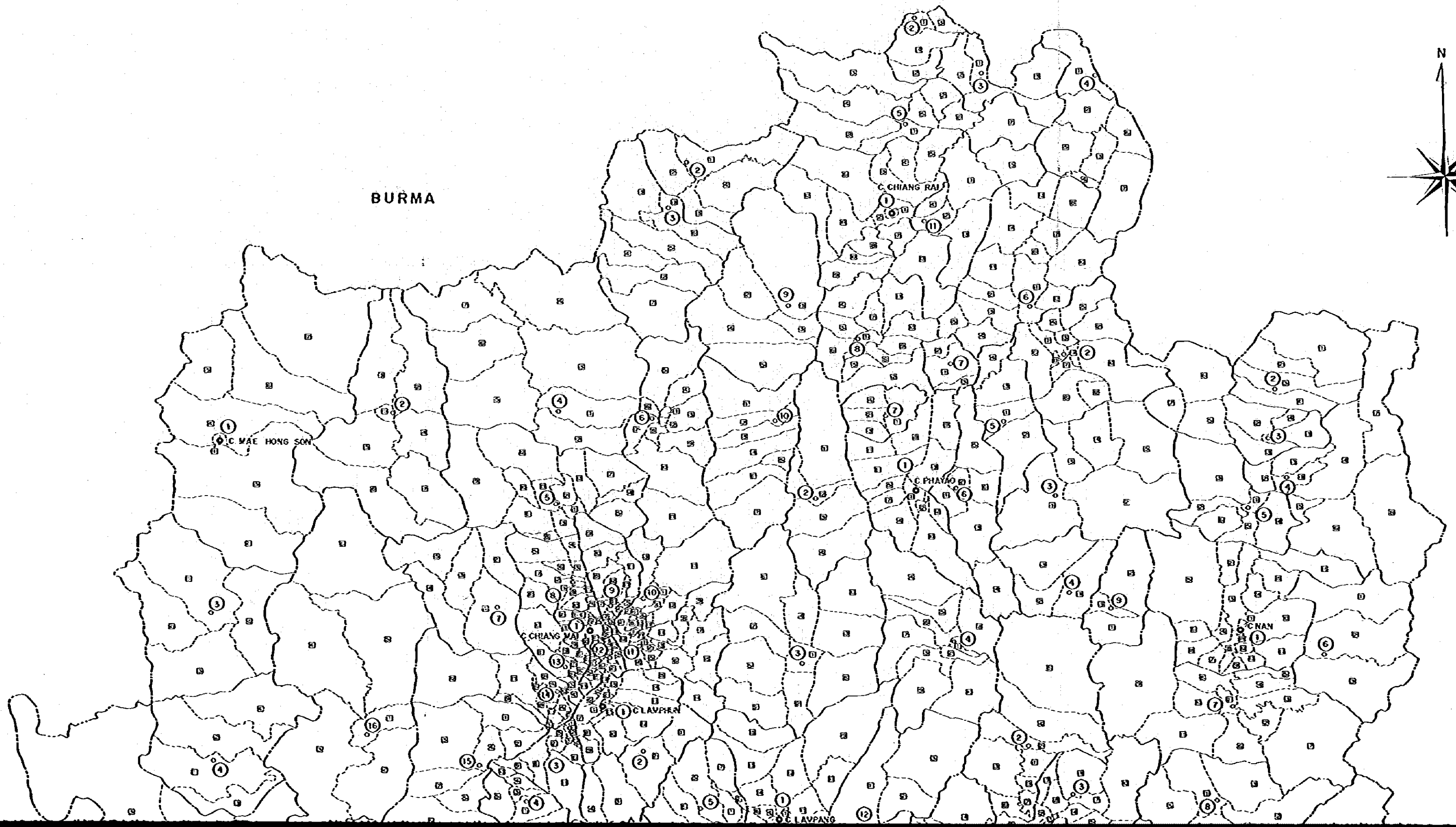
フェーズⅠ：計画  
第 3 巻：図面集

図面番号	図面名称
図-1	行政界および行政区画インデックス
図-2	県別作物生産量
図-3	北部地方道路網図
図-4	隣接郡間アクセシビリティ スタディ リンク図
図-5	隣接県間アクセシビリティ スタディ リンク図
図-6	県中心-県内郡アクセシビリティ スタディ リンク図
図-7	市場圏内アクセシビリティ スタディ リンク図
図-8	未舗装道路周辺人口図
図-9	未舗装道路周辺土地適応図
図-10	道路必要度指標図
図-11	短・中・長期別計画道路図

**ROAD DEVELOPMENT STUDY IN THE  
NORTHERN REGION PHASE 1: PLANNING  
VOLUME 3 DRAWINGS**

SHEET NUMBER	CONTENTS OF DRAWINGS
DWG-1	AMPHOE (District) AND TAMBON (Sub-District) BOUNDARIES IN THE NORTHERN REGION
DWG-2	CROP PRODUCTION IN THE NORTHERN REGION
DWG-3	ROAD NETWORKS IN THE NORTHERN REGION
DWG-4	ACCESSIBILITY STUDY: INTER-ADJACENT AMPHOE LINKAGE
DWG-5	ACCESSIBILITY STUDY: INTER-CHANGWAT LINKAGE
DWG-6	ACCESSIBILITY STUDY: INTRA-CHANGWAT LINKAGE
DWG-7	ACCESSIBILITY STUDY: INTRA-MARKET ZONE LINKAGE
DWG-8	POTENTIALS ALONG UNPAVED ROADS (1) – POPULATION –
DWG-9	POTENTIALS ALONG UNPAVED ROADS (2) – LAND CAPABILITY –
DWG-10	ROAD REQUIREMENT INDEX
DWG-11	PROPOSED ROUTES

# TAMBON INDEX



BURMA

C. MAE HONG SON

C. CHIANG RAI

C. PHAYAO

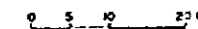
C. CHANG MAI

C. LAOPAN

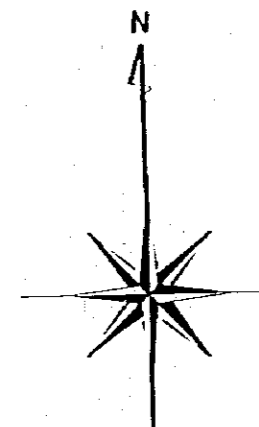
C. LAOPANG

C. NAN

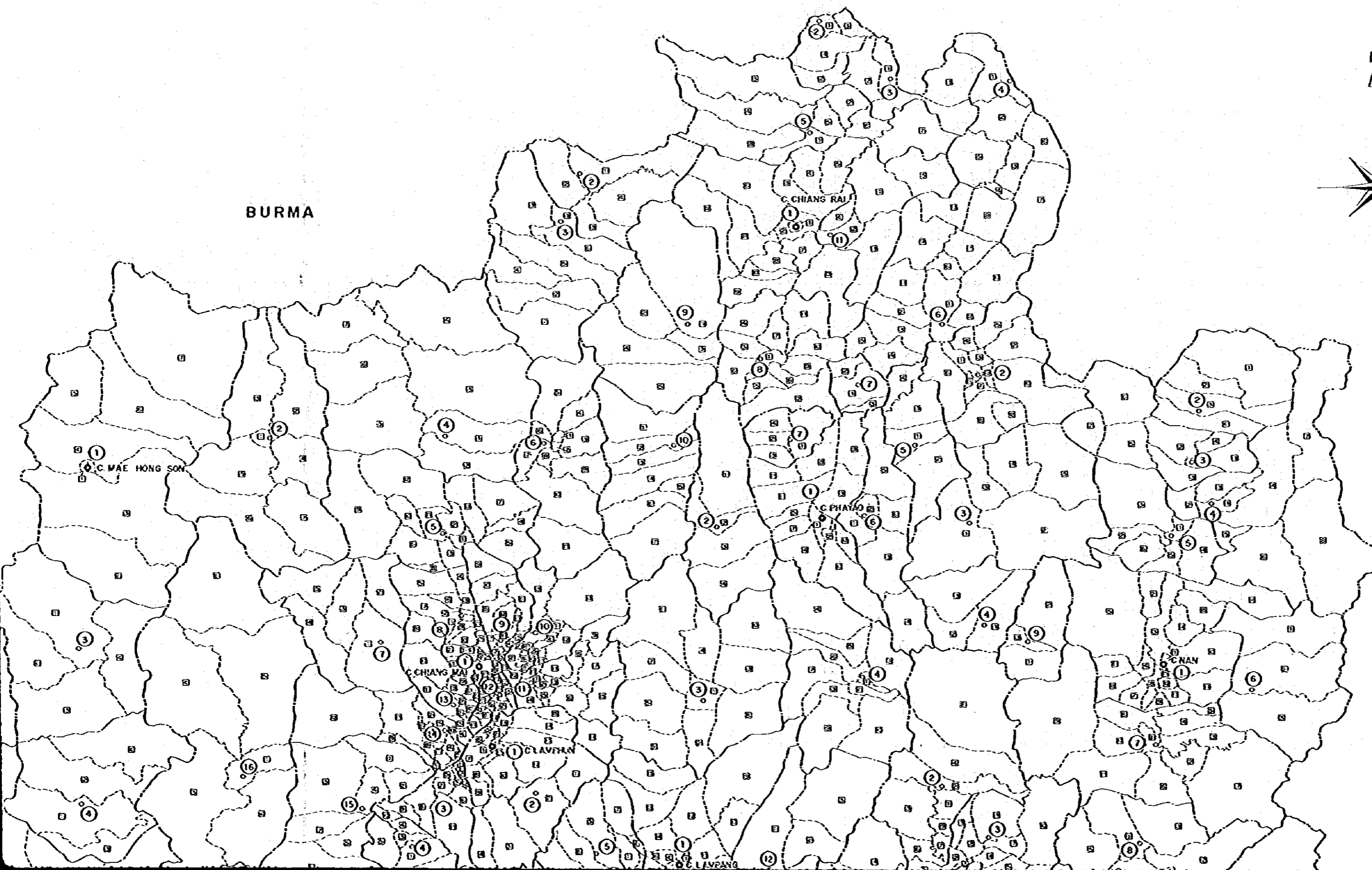




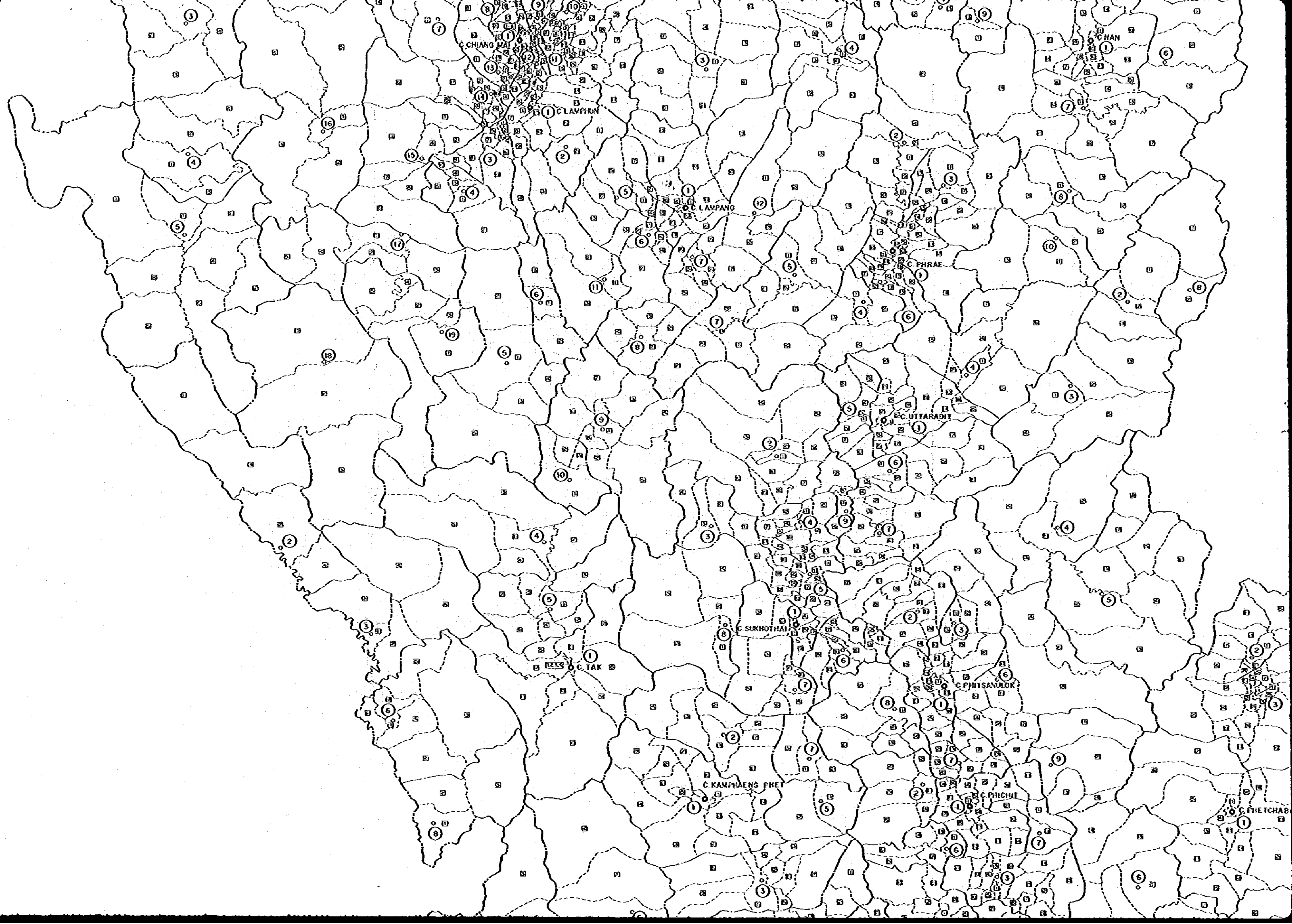
# TAMBON INDEX



BURMA



LAOS







LAOS

C CHIANG MAI

C LAMPHUN

C LAMPANG

C PHRAE

C UTTARADIT

C SUKHO THAI

C TAK

C KAMPHAENG PHET

C PHITSANULOK

C PHICHIT

C PHETCHABUN

**LEGEND**

CODE NO.

○ AMPHOE CODE NO.

□ TAMBON CODE NO.

◆ LOCATION OF CHANGKAT OFFICE

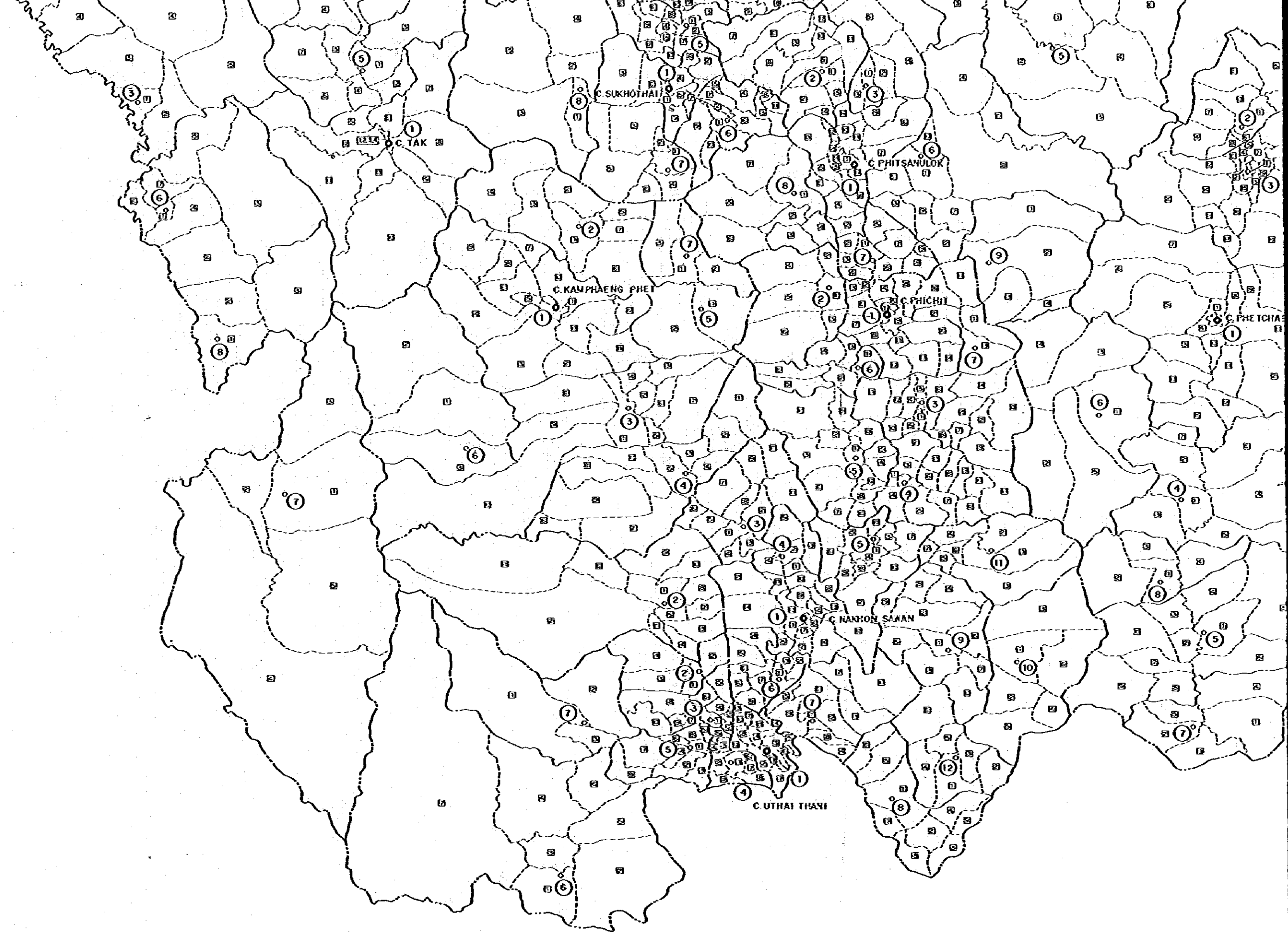
○ LOCATION OF AMPHOE OFFICE

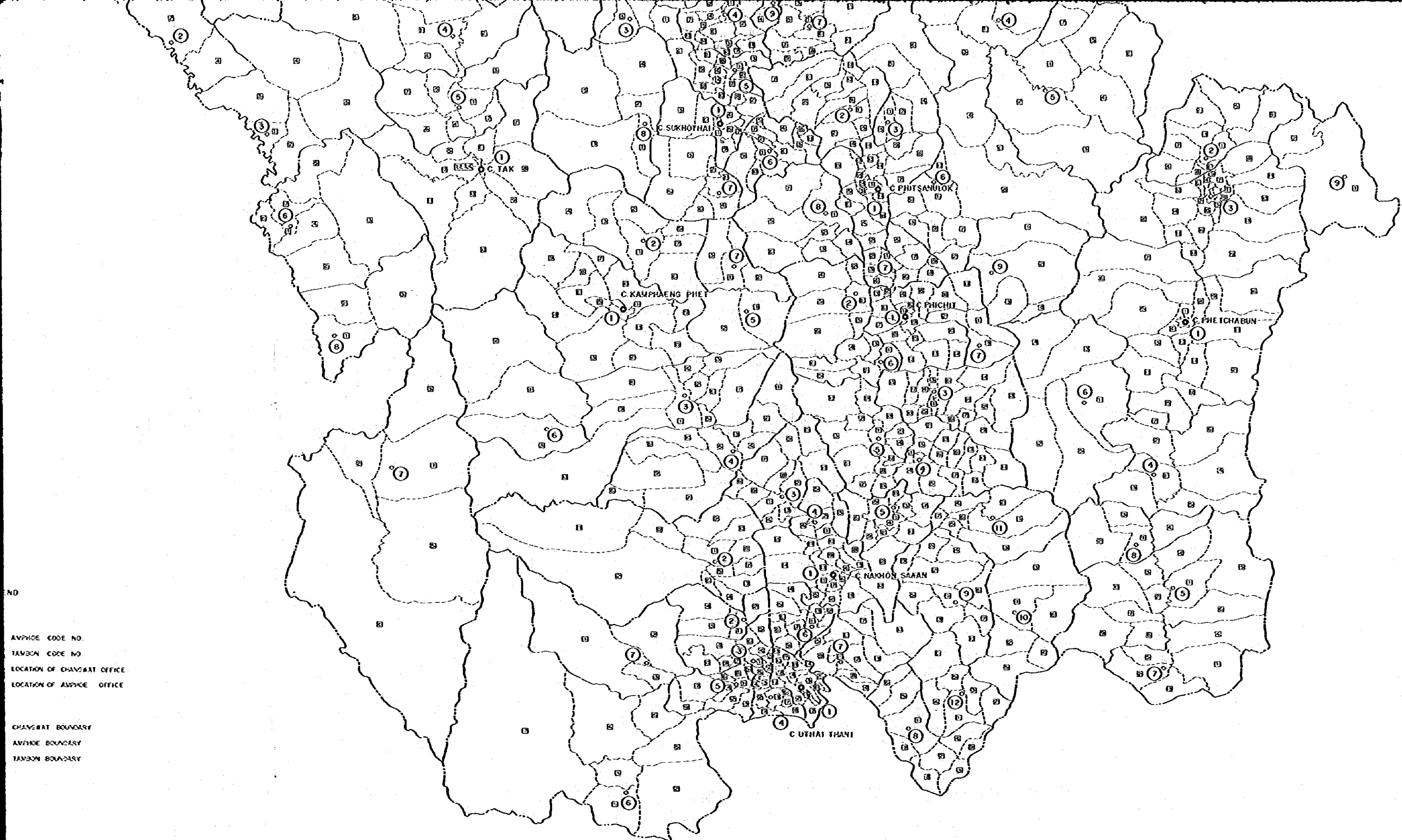
BOUNDARY

----- CHANGKAT BOUNDARY

----- AMPHOE BOUNDARY

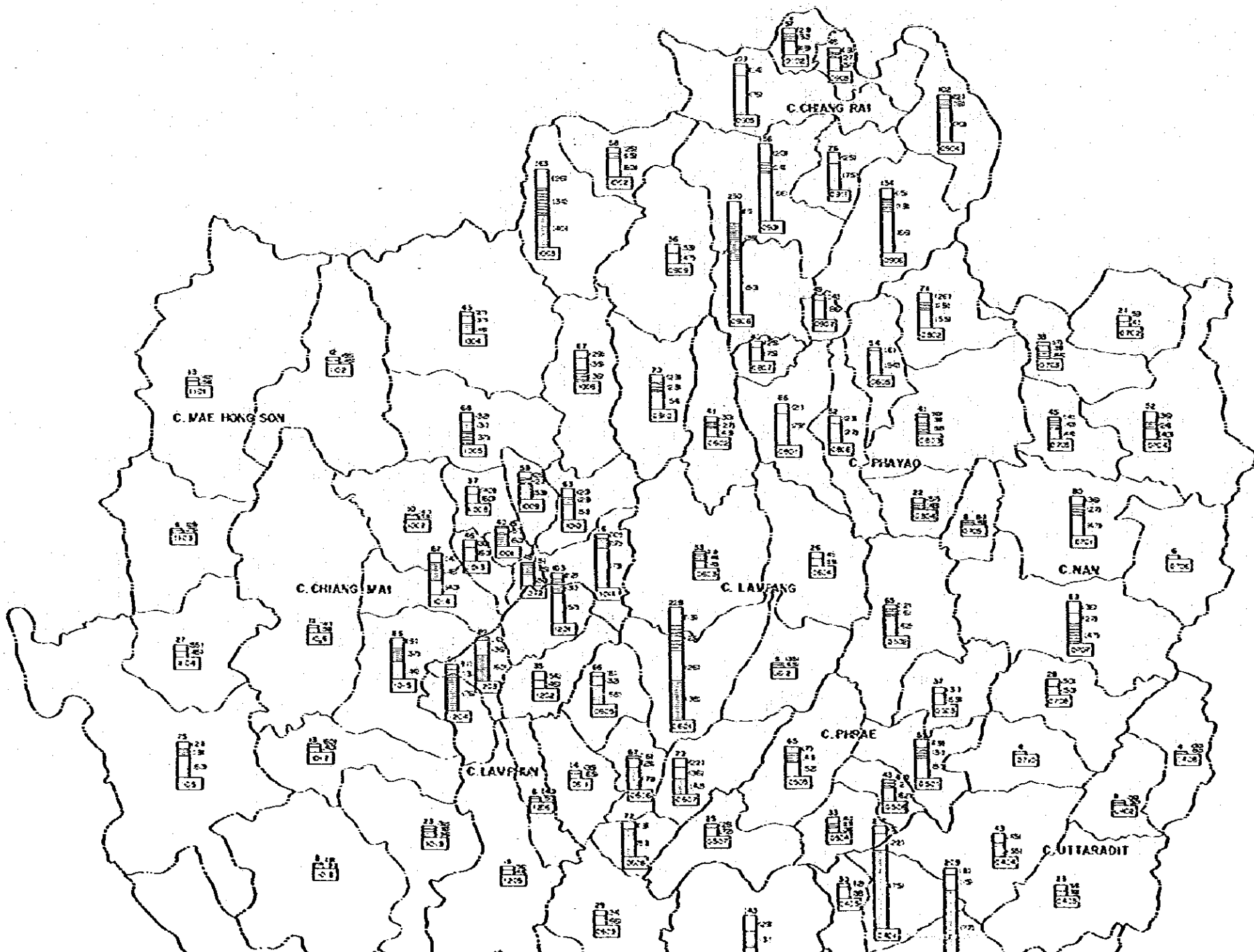
----- TAMBON BOUNDARY





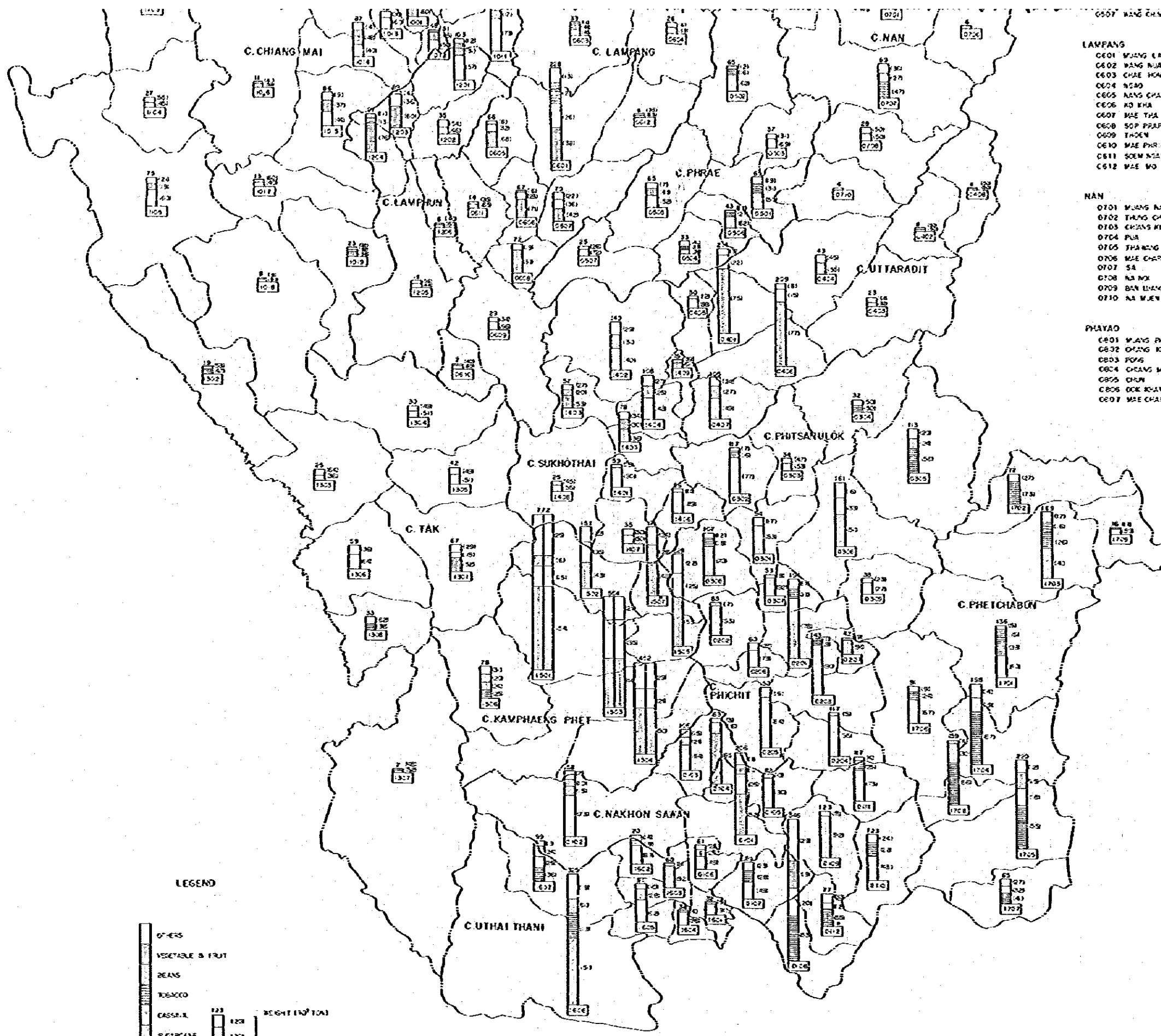


# CROP PRODUCTION IN NORTHERN REGION (CROP YEAR 1978 - 1979)

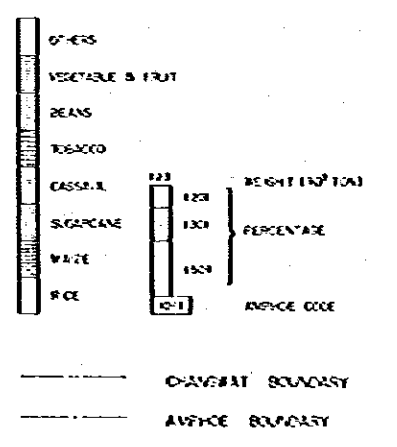


## AMPHOE CODE AND NAME

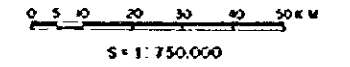
AMPHOE CODE AND NAME	AMPHOE CODE AND NAME
<b>NAKHOH SAHAN</b>	<b>CHIANG RAI</b>
0101 MUANG NAKHOH SAHAN	0901 MUANG CHIANG RAI
0102 LAT YAO	0902 MAE SAI
0103 BANPHU PHSAI	0903 CHIANG SAEN
0104 PAO LEO	0904 CHIANG KHOPAS
0105 DAMSAENG	0905 MAE CHAN
0106 KROK PHA	0906 THONG
0107 PHUFA KHU	0907 FA OAI
0108 TAOH	0908 PHAY
0109 THA TAKO	0909 MAE SUAI
0110 PHUSALI	0910 WANG FA PEO
0111 MONG BUA	0911 WANG CHAI
0112 TAK FA	
<b>PHICHIT</b>	<b>CHIANG MAI</b>
0201 MUANG PHICHIT	1001 MUANG CHIANG MAI
0202 SAN MAH	1002 MAE AI
0203 TAPHAN HIN	1003 FANG
0204 EANG MUN NAK	1004 CHIANG DAO
0205 PHU THALE	1005 MAE TANG
0206 PHU PHATHAP CHANG	1006 PHAO
0207 WANG SAI PHUM	1007 SAMPENG
	1008 MAE RUM
	1009 SAN SAI
	1010 DOI SAKET
	1011 SAN KHONGSAENG
<b>PHITSANULOK</b>	1012 SAPPADI
0301 MUANG PHITSANULOK	1013 HONG DONG
0302 PHUM PHISAN	1014 SAN PA THONG
0303 WAI BOI	1015 CHOM THONG
0304 CHAI THAMAN	1016 MAE CHIEW
0305 NAKHON THAI	1017 BOI
0306 WANG THONG	1018 CHAI
0307 WANG KHATHUM	1019 DOI TAO
0308 BANG PHAI	
0309 NONG WAPANG	
<b>UTARADIT</b>	<b>MAE HONG SON</b>
0401 MUANG UTARADIT	1101 MUANG MAE HONG SON
0402 FAK THA	1102 FAK
0403 NAW FAY	1103 KHAN KHAM
0404 THA PHA	1104 MAE LA NO
0405 LAPELE	1105 MAE SARENS
0406 TRON	
0407 PHU-SAI	<b>LAMPHUN</b>
0408 BAN KHOK	1201 MUANG LAMPHUN
	1202 MAE THA
	1203 FA SANG
	1204 BAN HOAG
	1205 LI
	1206 THUNG KHA OENS
<b>PHRAE</b>	<b>TAK</b>
0501 MUANG PHRAE	1301 MUANG TAK
0502 SOAS	1302 THA SONG NANG
0503 KOAS BANG	1303 MAE KHAI
0504 DEN O-AI	1304 SAN KHRO
0505 LOAS	1305 BAN TAK
0506 SAS MEN	1306 MAE SOT
0507 HONG CHA	1307 KUNPONG
	1308 PHOP PHA
<b>LAMPANG</b>	<b>SRISAKHAI</b>
0601 MUANG LAMPANG	1401 MUANG SRISAKHAI
0602 WANG BUA	1402 SI SATHAPALAI
0603 CHAE NOM	1403 THUNG SAKUM
0604 KHAD	1404 SAMRANGSAK
0605 BANG CHAI	1405 SI SAMPONG
0606 KO BUA	1406 HONG BSAKAI
0607 MAE THA	1407 KHU SI MAE
0608 SOP PHAP	1408 BAN DAN LAN HOI
0609 THONG	1409 SI NAKHON
0610 MAE PHU K	
0611 SENG NAWI	<b>KANGKANG PHET</b>
0612 MAE HO	1501 MUANG KANGKANG PHET
	1502 PHUAN KHATH
<b>NAN</b>	1503 KANGKANG KHUANG
0701 MUANG NAN	1504 KHONG WOPALMASAPUT
0702 THUNG CHANG	1505 SI NAWI
0703 CHIANG PHANG	1506 WONG BAN
0704 PHA	1507 LAN KHAN
0705 THAKHONG PHA	
0706 MAE CHIEW	<b>UTARADIT</b>
0707 SA	1601 MUANG UTARADIT
0708 NA NO	1602 SRANG ANOM
0709 BAN LANG	1603 THAP THAN
0710 NA WEN	
<b>PHAYAO</b>	<b>UTHAI THANI</b>
0801 MUANG PHAYAO	1701 MUANG UTHAI THANI
0802 CHIANG KHU	1702 SRANG ANOM
	1703 THAP THAN



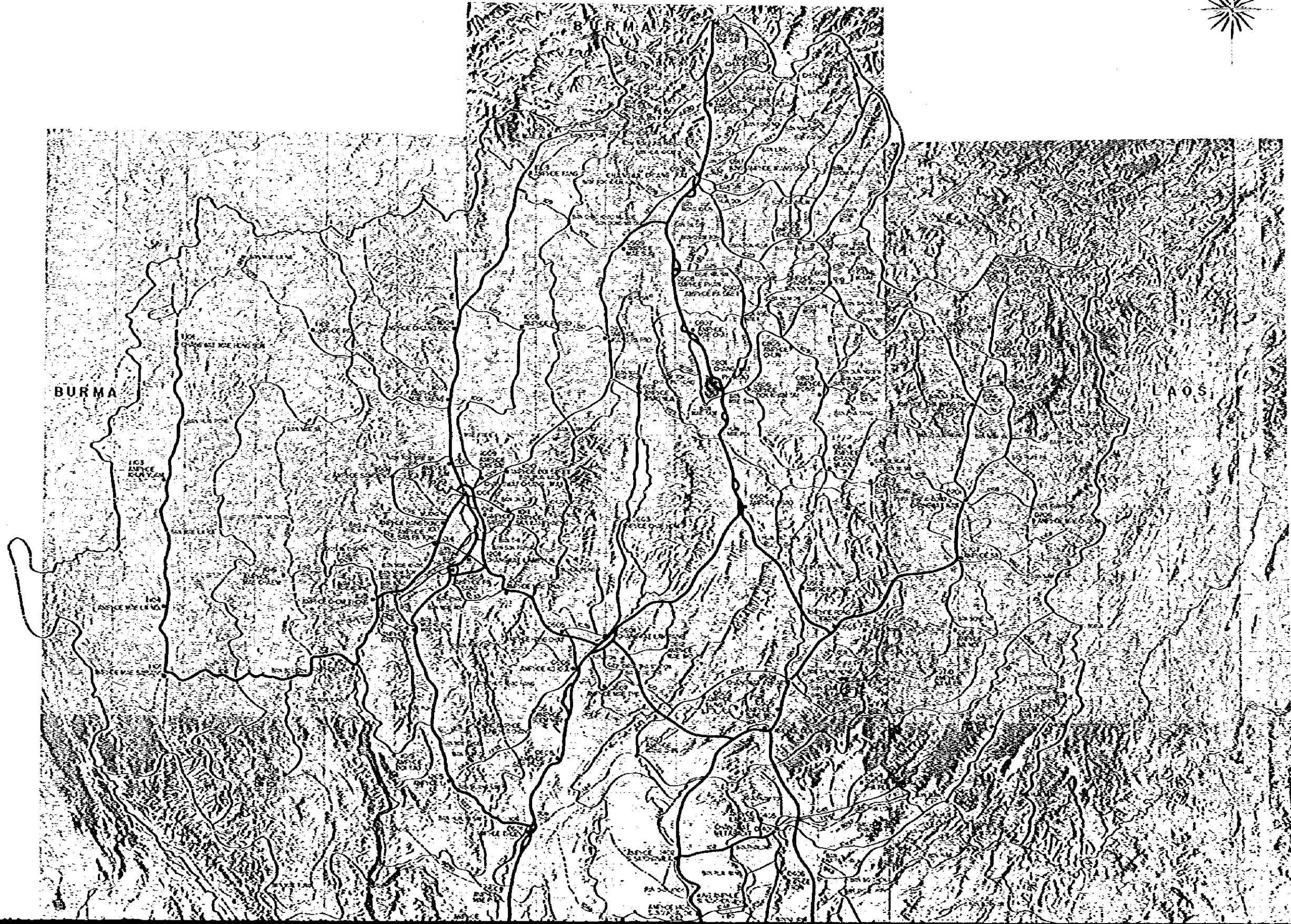
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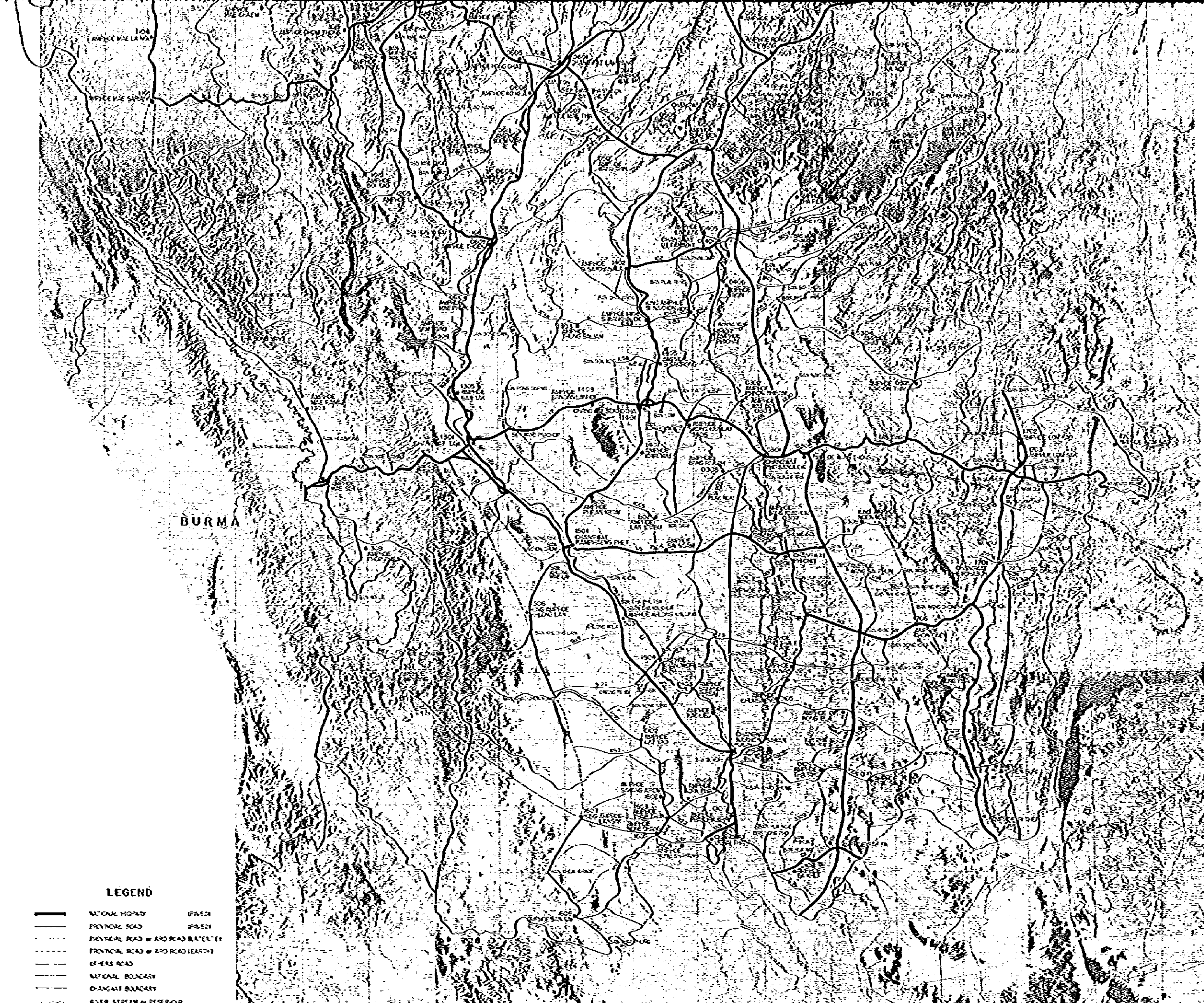


- 0507 WANG CHAI
- 1302 TRU S'WAT YONG
- 1303 MAE RANGIT
- 1304 BAN NGAO
- 1305 BAN TAK
- 1306 MAE SOT
- 1307 UMPHANG
- 1308 PHOP PHRA
- LAMPANG**
- 0601 MUANG LAMPANG
- 0602 WANG NUA
- 0603 CHAE HOV
- 0604 WAO
- 0605 NANG CHAT
- 0606 KO KHA
- 0607 MAE THA
- 0608 SOP PRAP
- 0609 THOEN
- 0610 MAE PHUK
- 0611 SOEM NEM
- 0612 MAE MO
- LAMPHUN**
- 0701 MUANG NAN
- 0702 THUNG CHANG
- 0703 CHANG KLANG
- 0704 PHU
- 0705 THANG PHA
- 0706 MAE CHAM
- 0707 SA
- 0708 NA MO
- 0709 BAN LUANG
- 0710 NA MUEN
- LAMPANG**
- 1401 MUANG SUKHOTHAI
- 1402 SI SATHANALAI
- 1403 THUNG SALUAN
- 1404 SAMKHALUK
- 1405 SI SAMPONG
- 1406 NONG KHEBAT
- 1407 KHU MAI
- 1408 BAN DAN LAN HOI
- 1409 SI NAKHON
- KAMPHAENG PHET**
- 1501 MUANG KAMPHAENG PHET
- 1502 PHAN KHAI
- 1503 KHONG KHUANG
- 1504 KHANG WOPALASUKRI
- 1505 SI NEM
- 1506 KHONG LAN
- 1507 LAN KHAI
- UTHAI THANI**
- 1601 MUANG UTHAI THANI
- 1602 SAKANG ARUM
- 1603 THAP THAN
- 1604 NONG KHONG
- 1605 NONG CHANG
- 1606 BAN RAI
- 1607 LAN SAK
- PHAYAO**
- 0801 MUANG PHAYAO
- 0802 CHANG KHAM
- 0803 FONG
- 0804 CHANG MUAN
- 0805 CHAN
- 0806 OOK KHAM TAI
- 0807 MAE CHAI
- PHETCHABUN**
- 1701 MUANG PHETCHABUN
- 1702 LOE RAO
- 1703 LOE SAK
- 1704 NONG PHAI
- 1705 KHOK BAN BUK
- 1706 KHON BAN
- 1707 SI THAP
- 1708 BUNG SAM PHAN
- 1709 KEM NAO



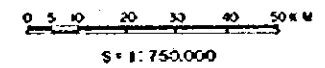
# ROAD NETWORK



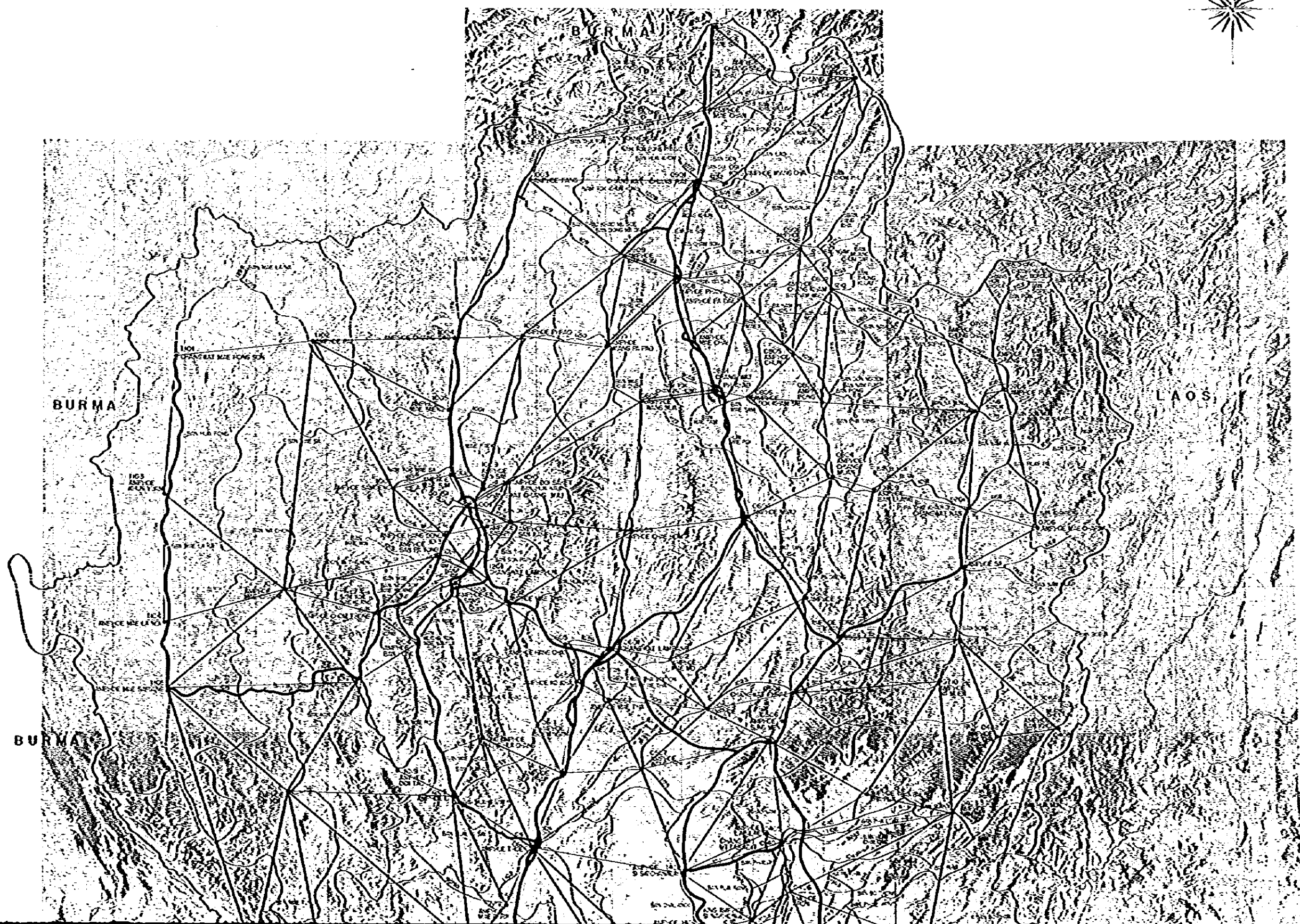
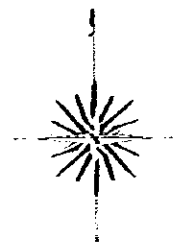


**LEGEND**

- NATIONAL HIGHWAY
- PROVINCIAL ROAD
- PROVINCIAL ROAD w/ AIR ROAD WATER TOWER
- PROVINCIAL ROAD w/ AIR ROAD (EARTH)
- OTHER ROAD
- NATIONAL BOUNDARY
- DISTRICT BOUNDARY
- RIVER, STREAM & RESERVOIR



# ACCESSIBILITY ; INTER-ADJACENT AMPHOE LINKAGE



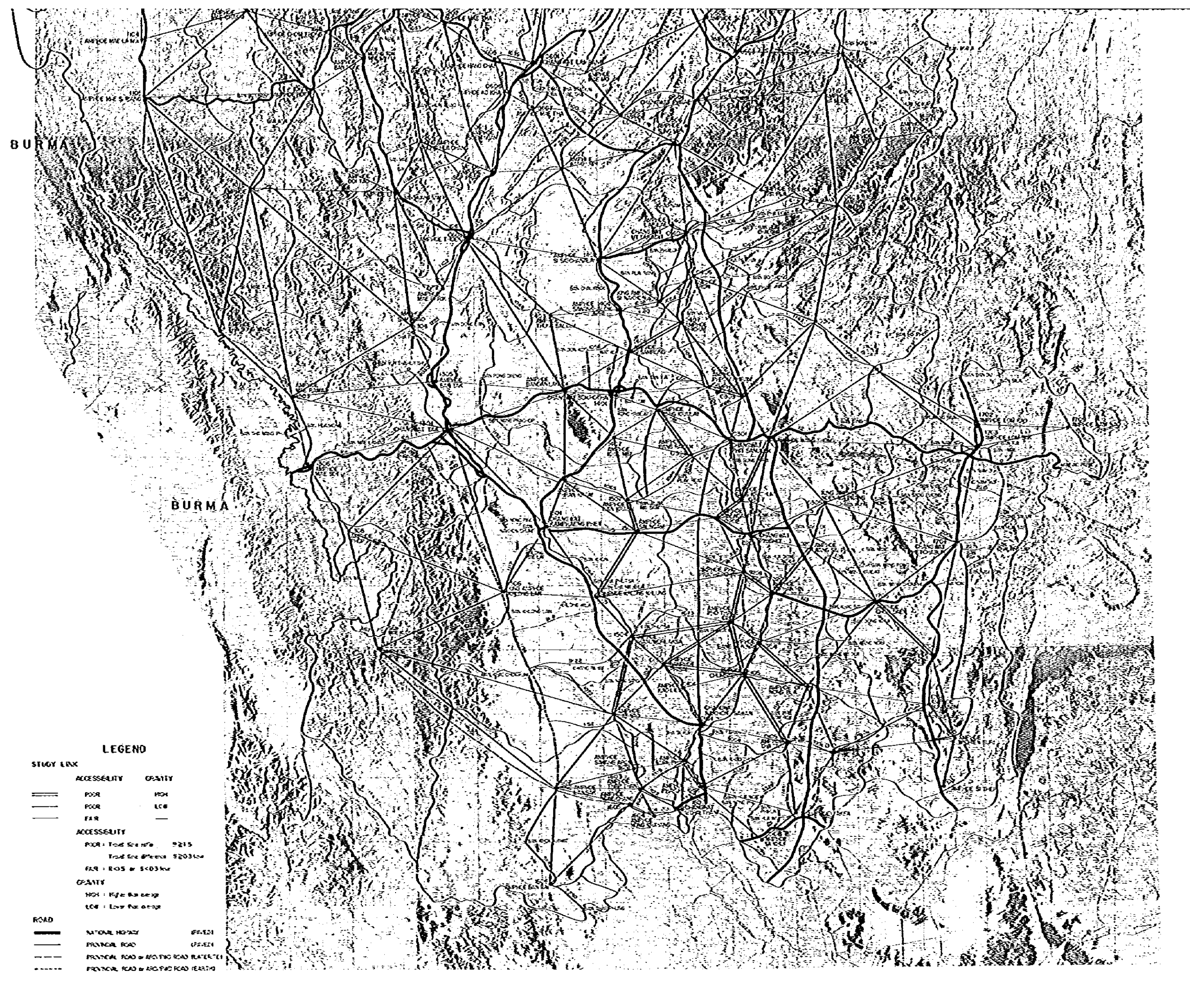


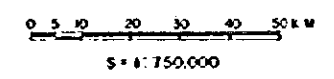
BURMA

BURMA

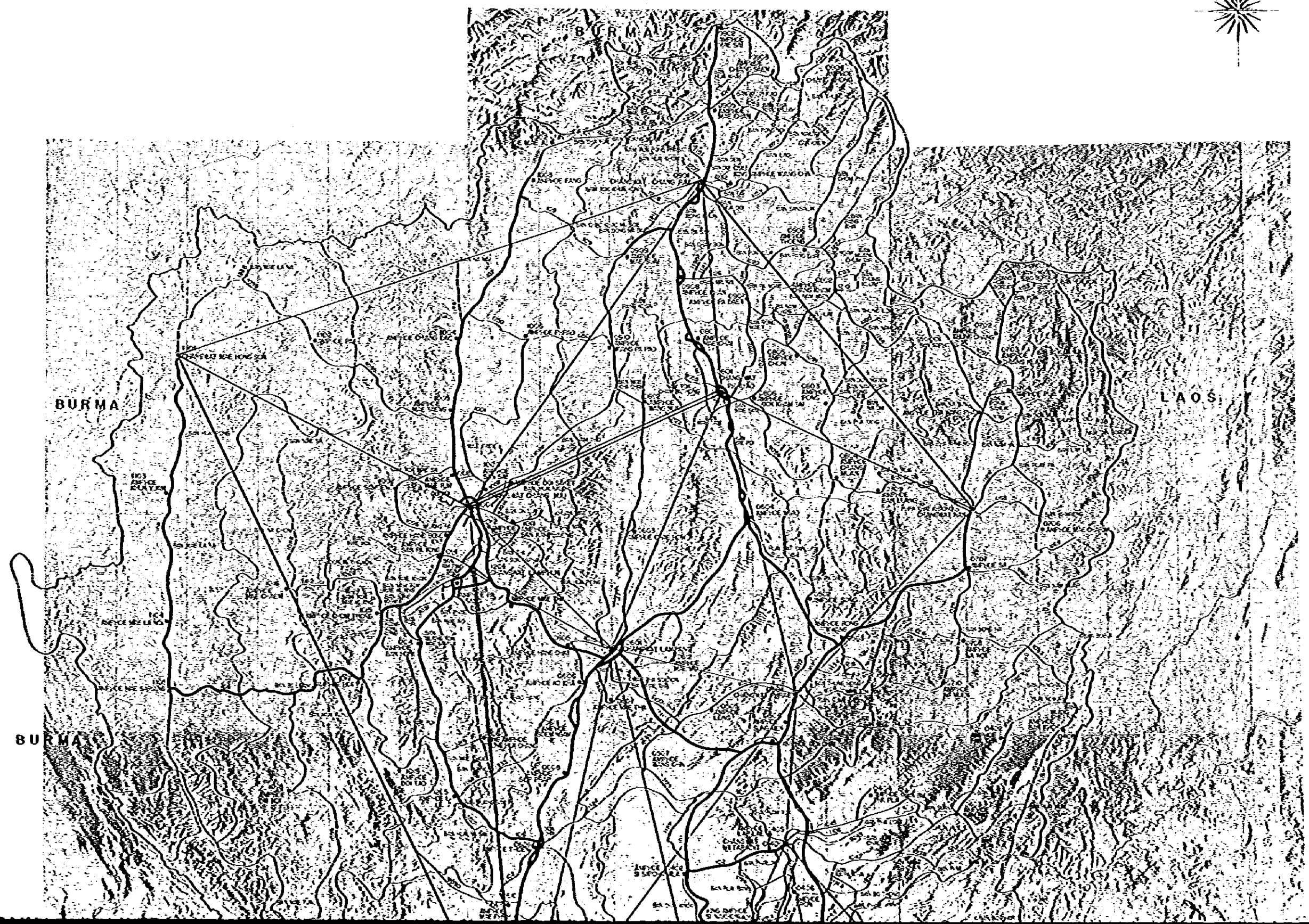
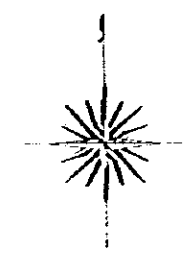
LEGEND

STUDY LINK	
=====	ACCESSIBILITY POOR QUANTITY HIGH
=====	ACCESSIBILITY POOR QUANTITY LOW
=====	ACCESSIBILITY FAR QUANTITY ---
ACCESSIBILITY	
=====	POOR: Total time > 215
=====	POOR: Total time > 203.5
=====	FAR: > 105 or > 103.5
QUANTITY	
=====	HIGH: High Package
=====	LOW: Low Package
ROAD	
=====	NATIONAL HIGHWAY (PAVED)
=====	PROVINCIAL ROAD (PAVED)
-----	PROVINCIAL ROAD or ROAD ROAD (UNPAVED)
-----	PROVINCIAL ROAD or ROAD ROAD (UNPAVED)





# ACCESSIBILITY ; INTER-CHANGWAT LINKAGE



BURMA

BURMA

LEGEND

STUDY LINK

ACCESSIBILITY	GRAVITY
=====	HIGH
=====	LOW
=====	---

ACCESSIBILITY

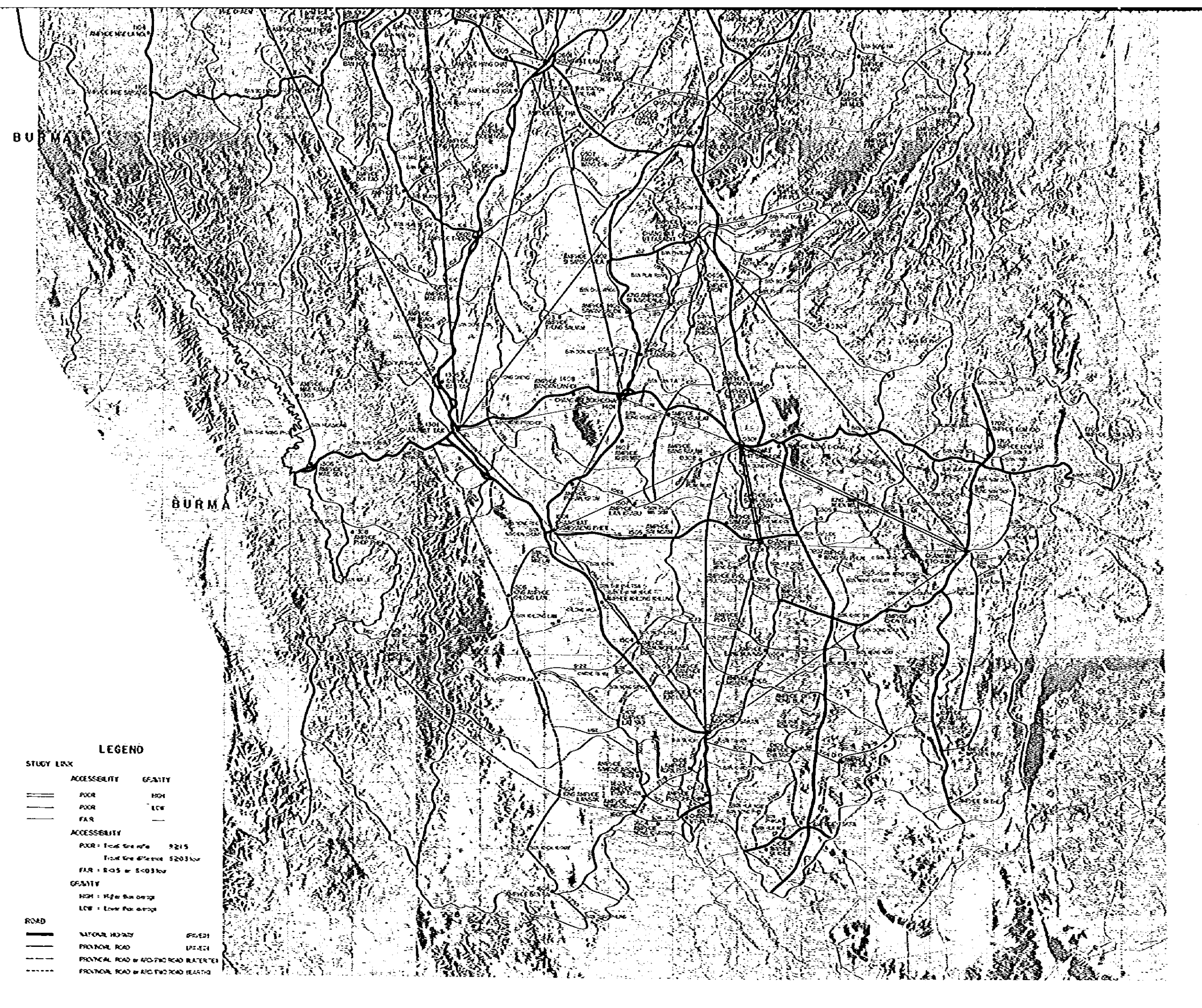
POOR - Total time > 2:15  
 Total time < 2:00:30  
 FAR - 2:05 or < 0:30 hr

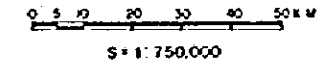
GRAVITY

HIGH - High Rain slope  
 LOW - Low Rain slope

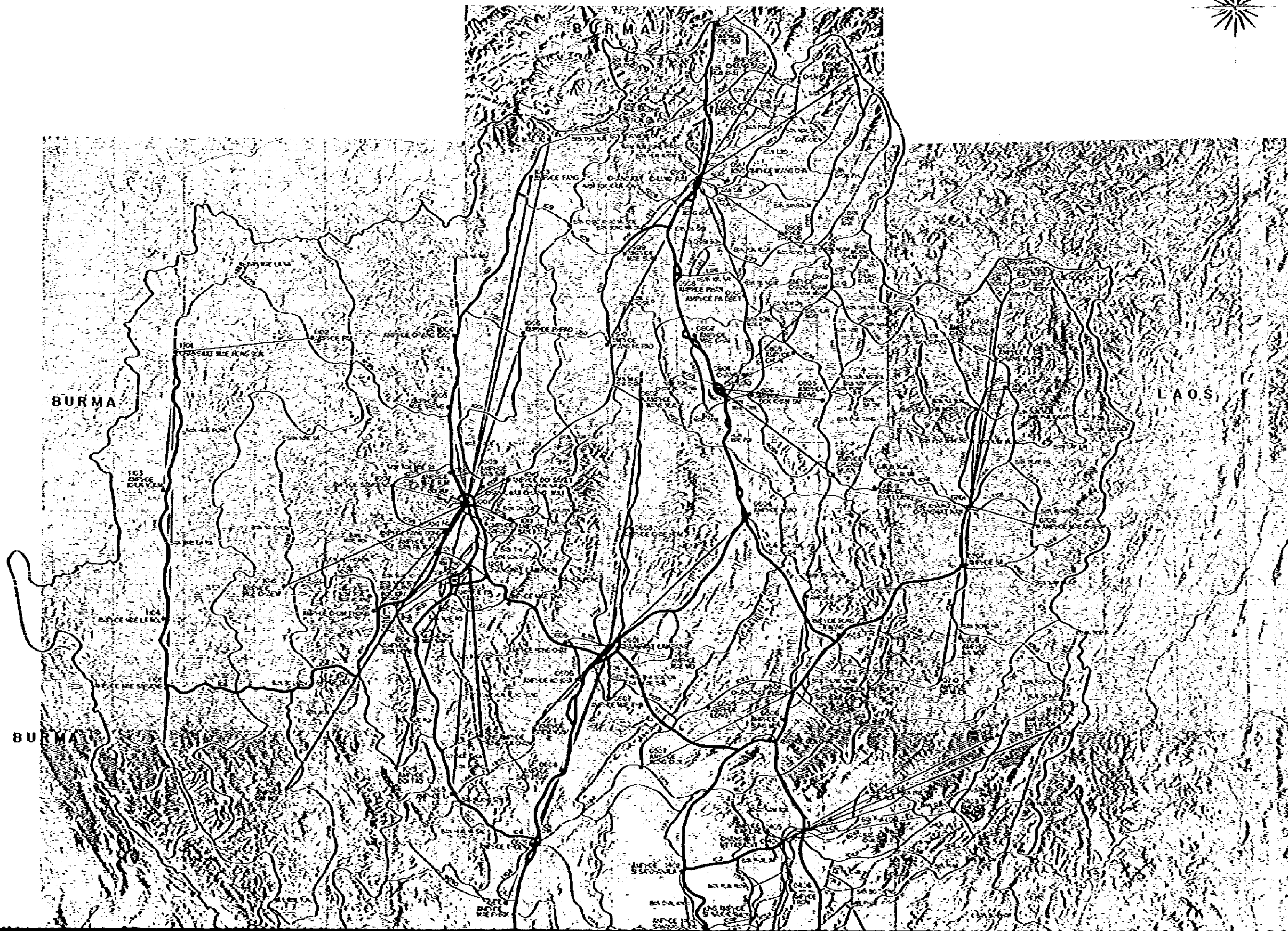
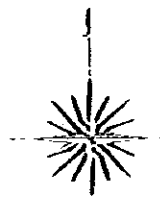
ROAD

=====	NATIONAL HIGHWAY	0:05:00
=====	PROVINCIAL ROAD	0:05:00
-----	PROVINCIAL ROAD w/ 40-70 ROAD WATER TOWER	
-----	PROVINCIAL ROAD w/ 40-70 ROAD BEARING	





# ACCESSIBILITY ; INTRA-CHANGWAT LINKAGE



BURMA

BURMA

LEGEND

STUDY LINK

ACCESSIBILITY	GRAVITY
POOR	HIGH
POOR	LOW
FAR	

ACCESSIBILITY

POOR - Total time > 90 min  
 Total time < 60 min

FAR - R < 15 or S < 0.5 hr

GRAVITY

HIGH - High rise bridge  
 LOW - Low rise bridge

ROAD

NATIONAL HIGHWAY	STATE
PROVINCIAL ROAD	STATE
PROVINCIAL ROAD or APPROX ROAD (LATER)	
PROVINCIAL ROAD or APPROX ROAD (EARLY)	

