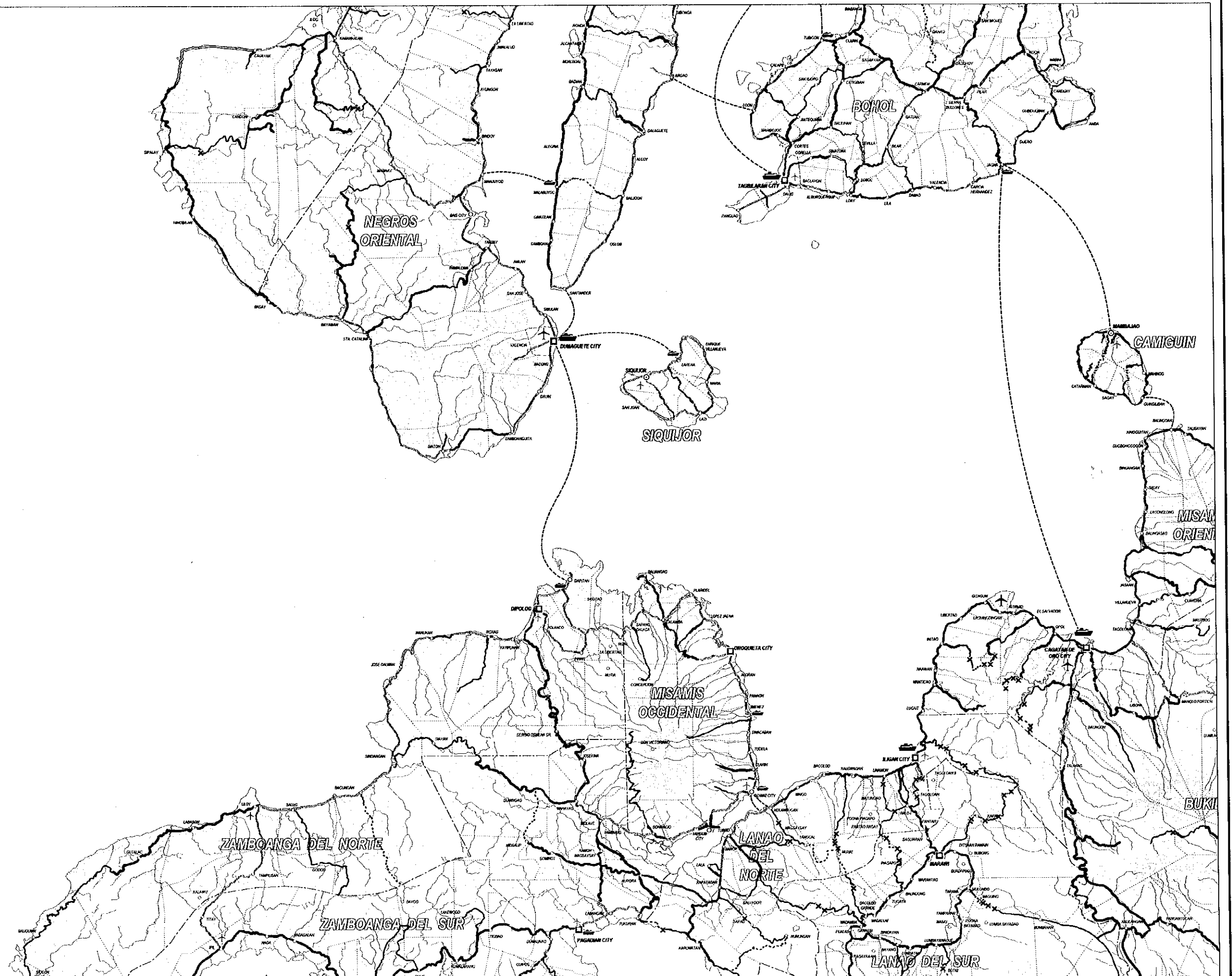
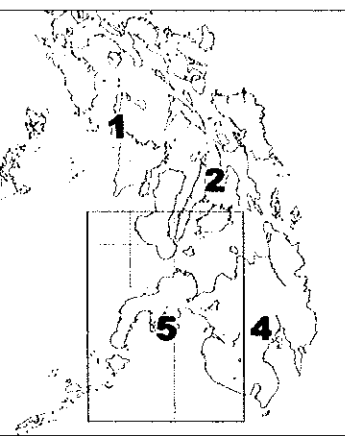
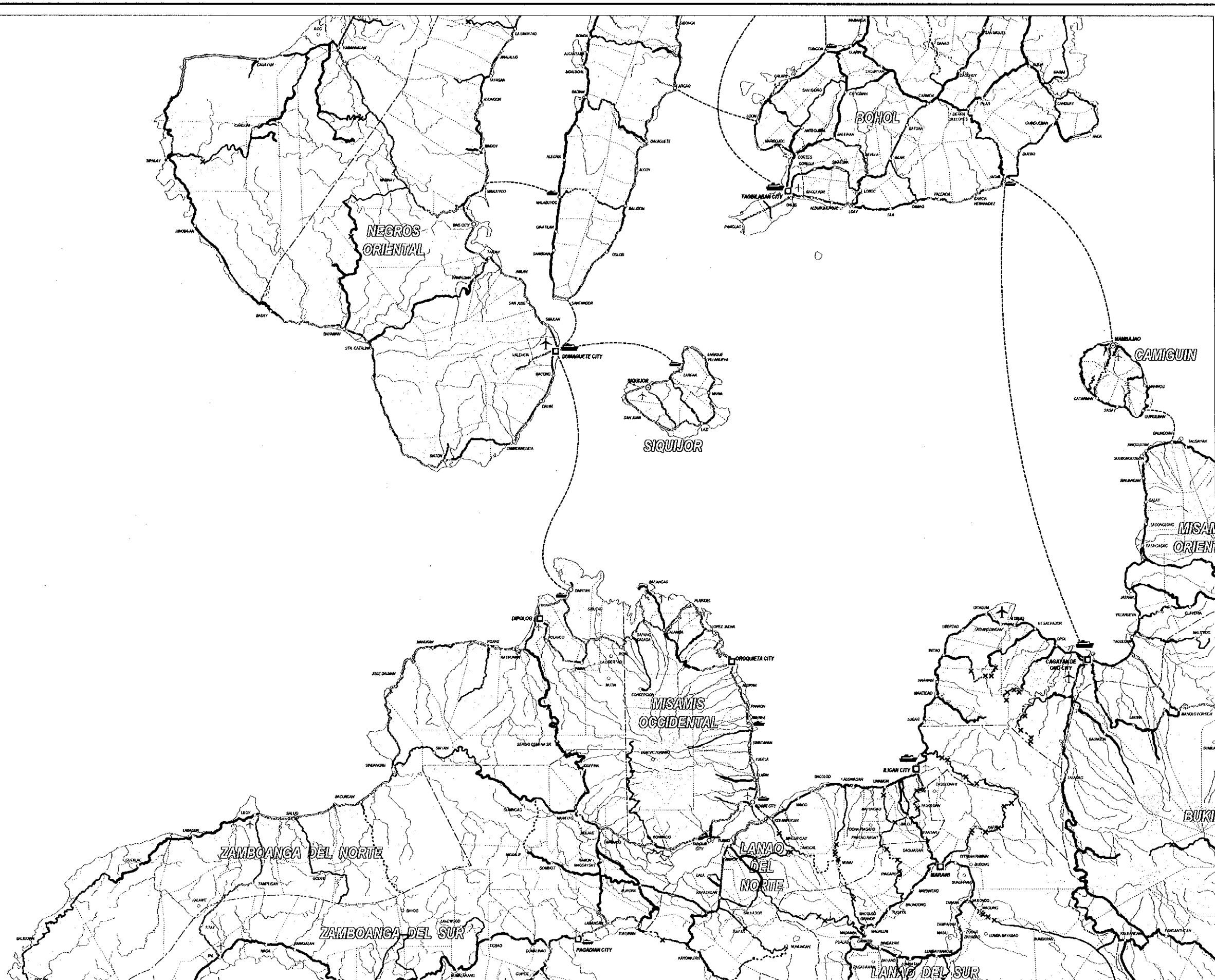


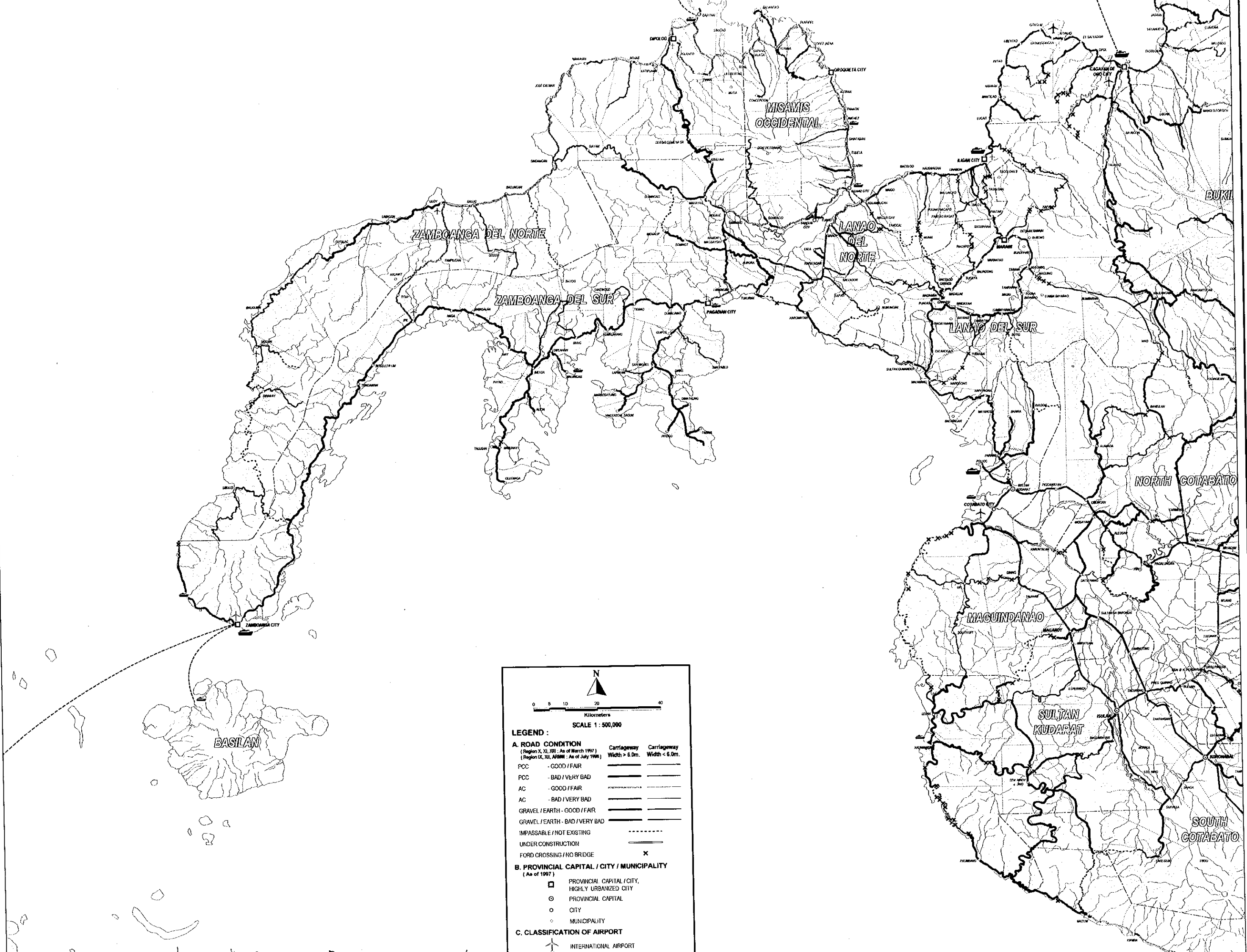
INDEX MAP





INDEX MAP





N

0 5 10 20 40
Kilometers

SCALE 1 : 500,000

LEGEND :

A. ROAD CONDITION
(Region X, XI, XII : As of March 1997)
 (Region IX, XII, ARMM : As of July 1988)

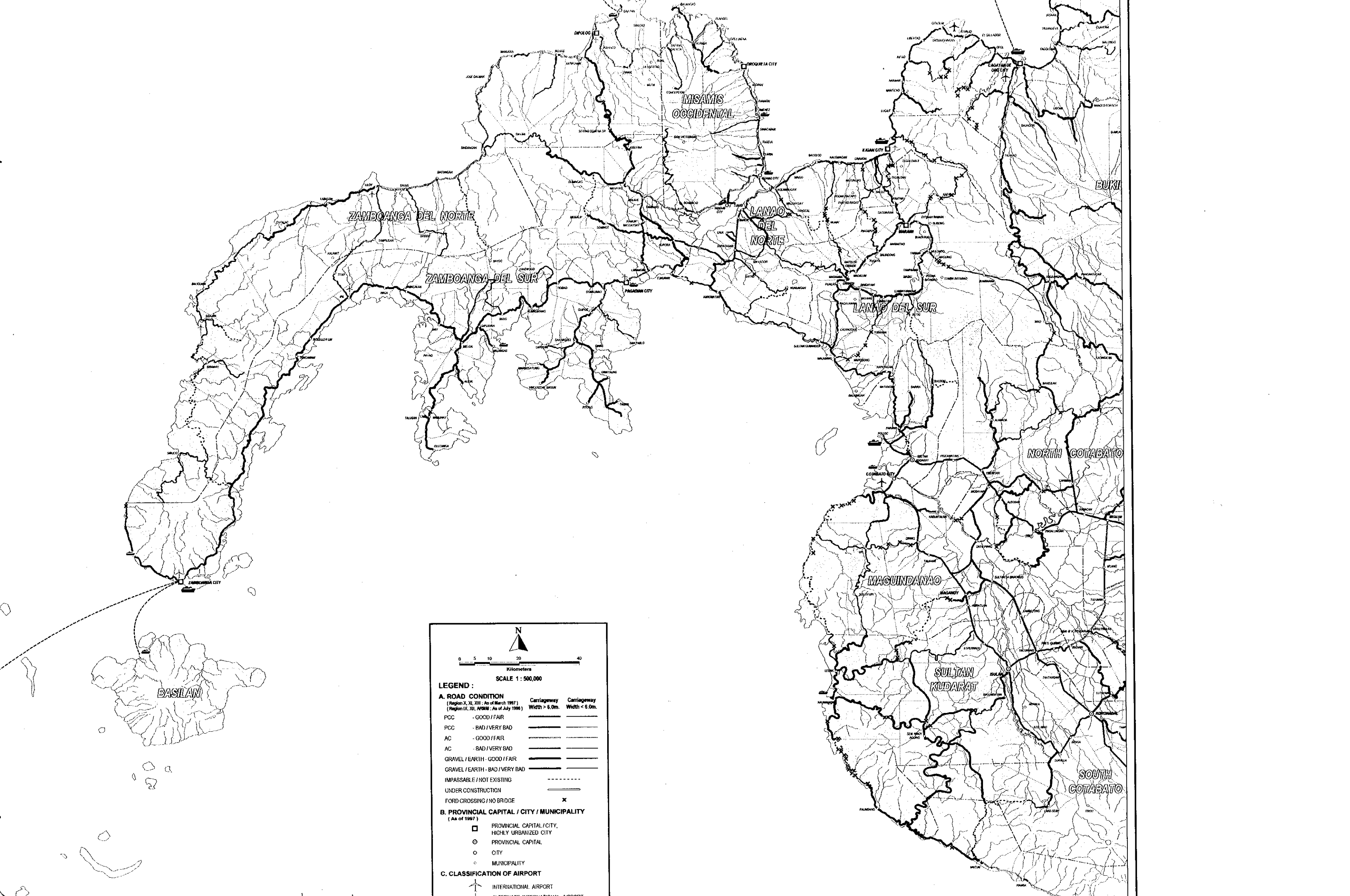
	Carriageway Width > 6.0m.	Carriageway Width < 6.0m.
PCC - GOOD / FAIR		
PCC - BAD / VERY BAD		
AC - GOOD / FAIR		
AC - BAD / VERY BAD		
GRAVEL / EARTH - GOOD / FAIR		
GRAVEL / EARTH - BAD / VERY BAD		
IMPASSABLE / NOT EXISTING		
UNDER CONSTRUCTION		
FORD CROSSING / NO BRIDGE		


B. PROVINCIAL CAPITAL / CITY / MUNICIPALITY
(As of 1997)

- PROVINCIAL CAPITAL / CITY, HIGHLY URBANIZED CITY
- PROVINCIAL CAPITAL
- CITY
- MUNICIPALITY

C. CLASSIFICATION OF AIRPORT

- INTERNATIONAL AIRPORT




 0 5 10 20 40
 Kilometers
 SCALE 1 : 500,000

LEGEND :

A. ROAD CONDITION
(Region X, XI, XII : As of March 1997)
 (Region IX, XII, APMM : As of July 1996)

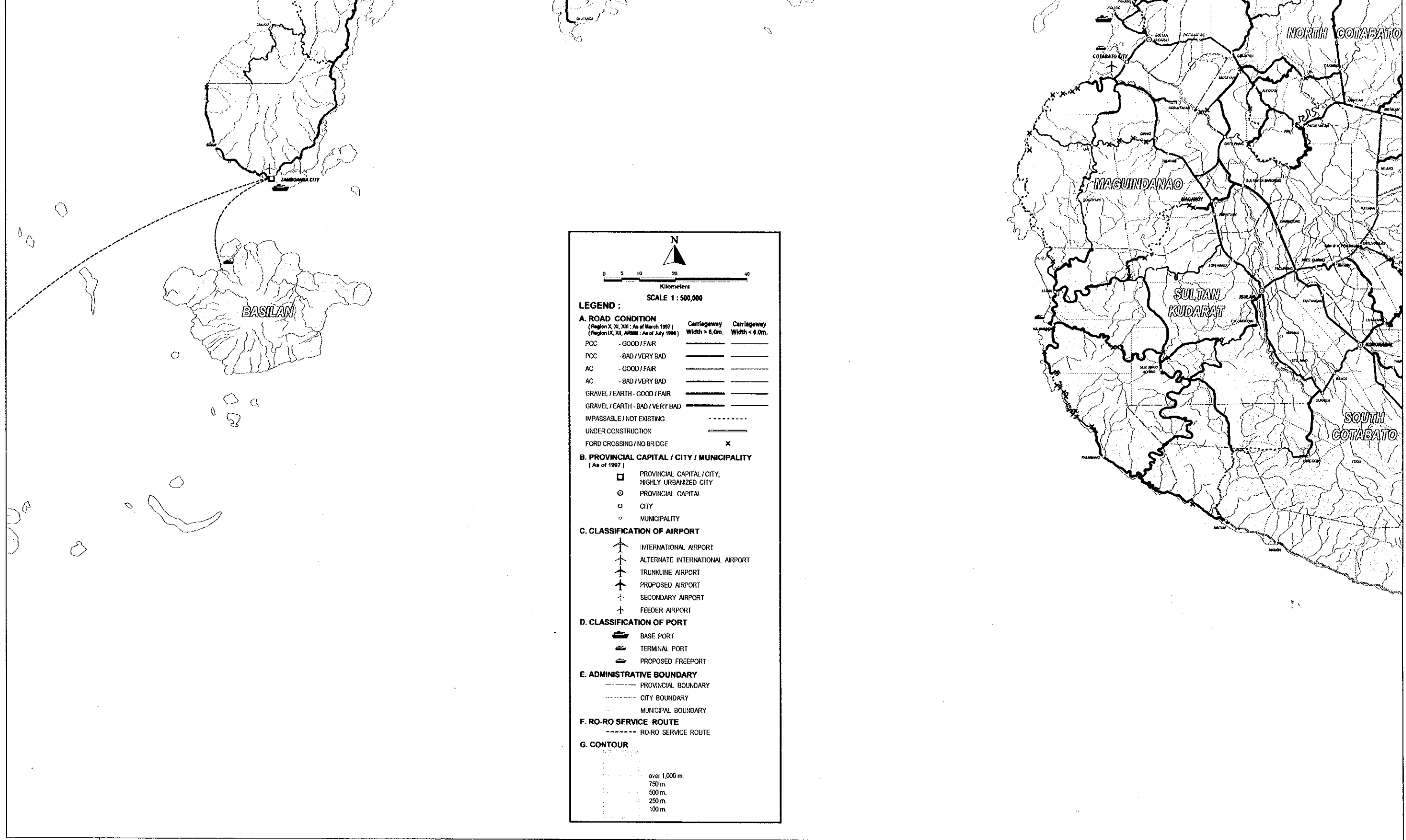
	Carriageway Width > 6.0m.	Carriageway Width < 6.0m.
PCC - GOOD / FAIR		
PCC - BAD / VERY BAD		
AC - GOOD / FAIR		
AC - BAD / VERY BAD		
GRAVEL / EARTH - GOOD / FAIR		
GRAVEL / EARTH - BAD / VERY BAD		
IMPASSABLE / NOT EXISTING		
UNDER CONSTRUCTION		
FORD CROSSING / NO BRIDGE		

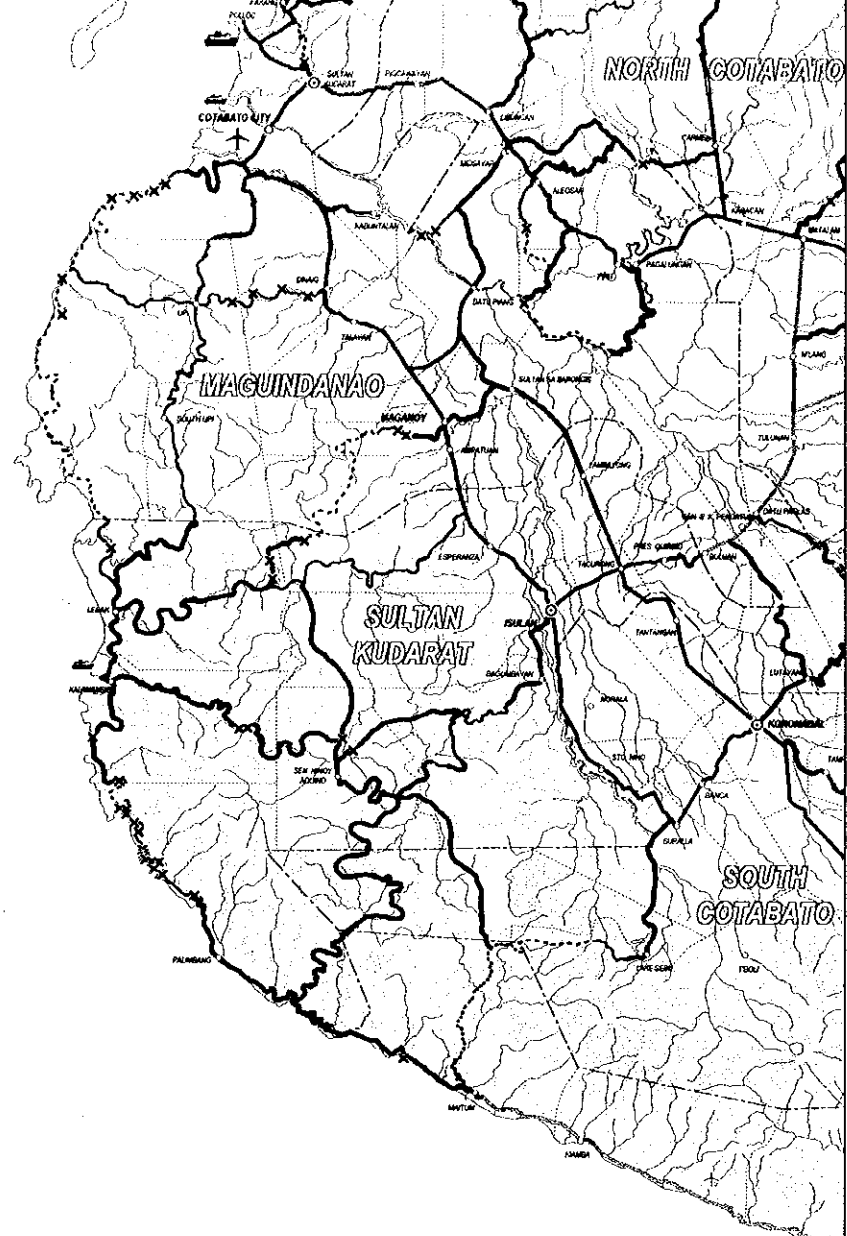
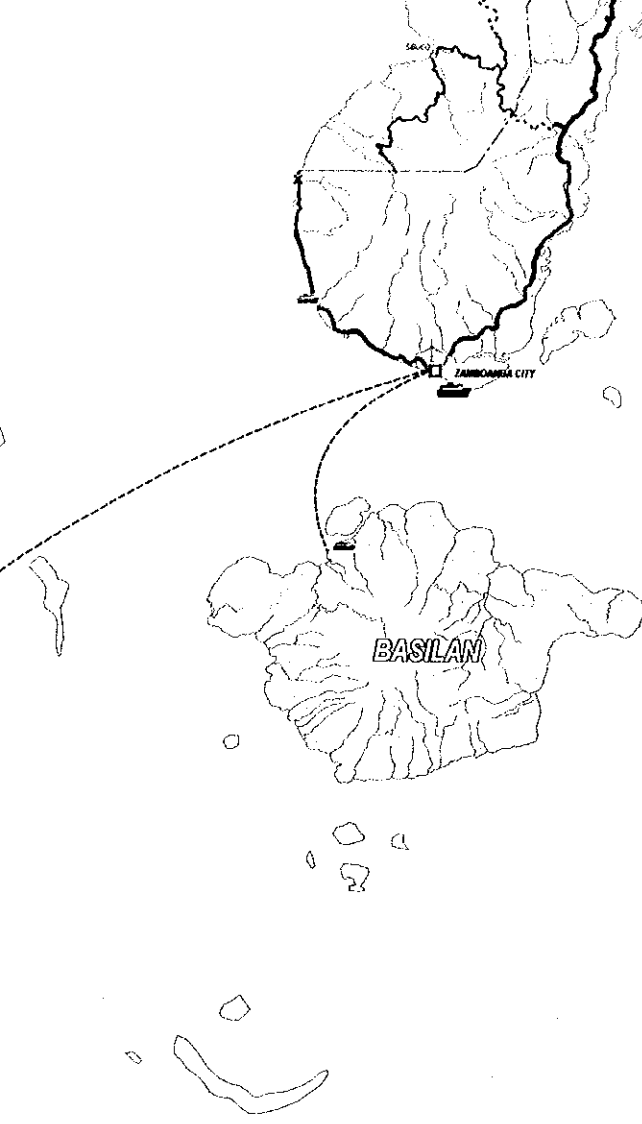
B. PROVINCIAL CAPITAL / CITY / MUNICIPALITY
(As of 1997)

	PROVINCIAL CAPITAL / CITY, HIGHLY URBANIZED CITY
	PROVINCIAL CAPITAL
	CITY
	MUNICIPALITY

C. CLASSIFICATION OF AIRPORT

	INTERNATIONAL AIRPORT
	ALTERNATE INTERNATIONAL AIRPORT





N

0 5 10 20 40
Kilometers

SCALE 1 : 500,000

LEGEND :

A. ROAD CONDITION
(Region X, XI, XII : As of March 1997)
(Region IX, XII, ARMM : As of July 1998)

	Carriageway Width > 6.0m.	Carriageway Width < 6.0m.
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PCC - BAD / VERY BAD		
AC - GOOD / FAIR		
AC - BAD / VERY BAD		
GRAVEL / EARTH - GOOD / FAIR		
GRAVEL / EARTH - BAD / VERY BAD		
IMPASSABLE / NOT EXISTING		
UNDER CONSTRUCTION		
FORD CROSSING / NO BRIDGE	x	

B. PROVINCIAL CAPITAL / CITY / MUNICIPALITY
(As of 1997)

- PROVINCIAL CAPITAL / CITY, HIGHLY URBANIZED CITY
- PROVINCIAL CAPITAL
- CITY
- MUNICIPALITY

C. CLASSIFICATION OF AIRPORT

- INTERNATIONAL AIRPORT
- ALTERNATE INTERNATIONAL AIRPORT
- TRUNKLINE AIRPORT
- PROPOSED AIRPORT
- SECONDARY AIRPORT
- FEEDER AIRPORT

D. CLASSIFICATION OF PORT

- BASE PORT
- TERMINAL PORT
- PROPOSED FREEPORT

E. ADMINISTRATIVE BOUNDARY

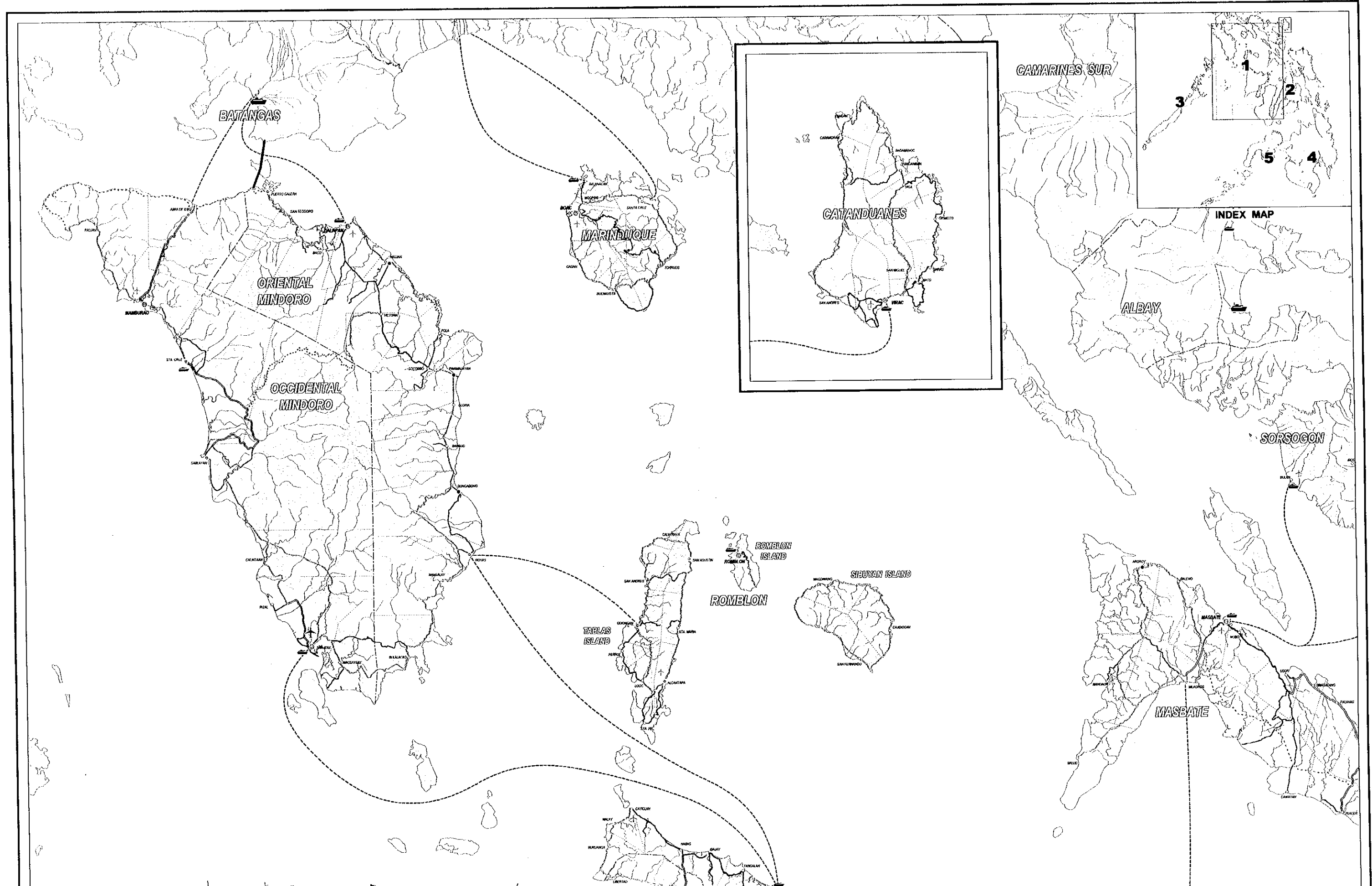
- PROVINCIAL BOUNDARY
- CITY BOUNDARY
- MUNICIPAL BOUNDARY

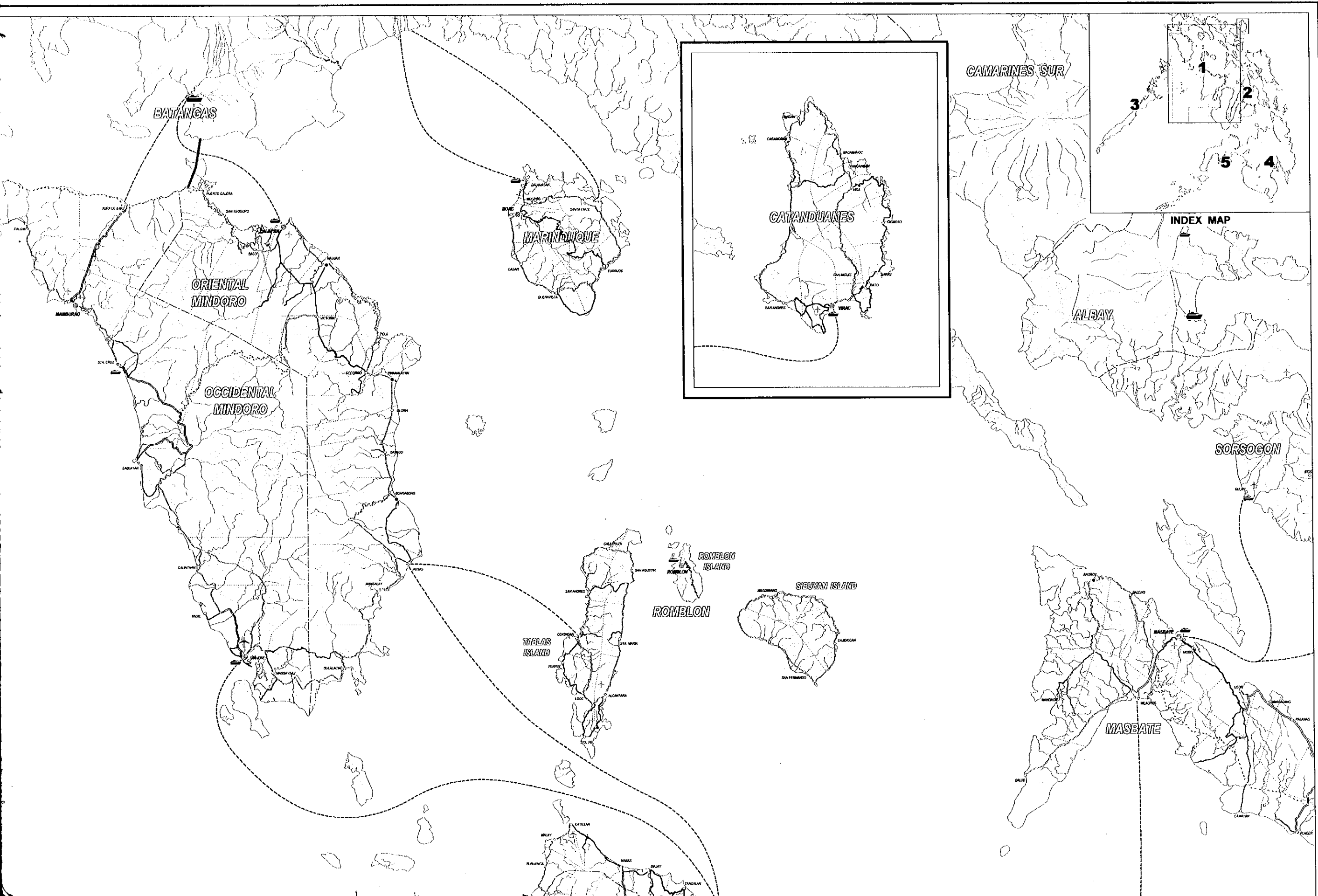
F. RO-RO SERVICE ROUTE

- RO-RO SERVICE ROUTE

G. CONTOUR

- over 1,000 m.
- 750 m.
- 500 m.
- 250 m.
- 100 m.







N

0 5 10 20 40
Kilometers

SCALE 1 : 500,000

LEGEND :

A. TYPE OF WORK

- REHABILITATION OF PAVED ROAD IN BAD /VERY BAD CONDITION
- REHABILITATION OF PAVED ROAD IN FAIR CONDITION
- IMPROVEMENT OF GRAVEL /EARTH ROAD TO PAVED ROAD
- CONSTRUCTION OF IMPASSABLE / MISSING LINK /NEW LINK
- WIDENING TO A 4-LANE ROAD
- NO WORK
- ONGOING /COMMITTED
- EXPRESSWAY
- BYPASS
- INTER-ISLAND LINK

B. CLASSIFICATION OF URBAN CENTERS

- ⊙ PRIMARY CENTER
- SECONDARY CENTER
- TERTIARY CENTER
- OTHER MUNICIPAL TOWN

C. CLASSIFICATION OF AIRPORT

- INTERNATIONAL AIRPORT
- ALTERNATE INTERNATIONAL AIRPORT
- TERMINAL MEDICAL



LEGEND :

SCALE 1 : 500,000

TYPE OF WORK

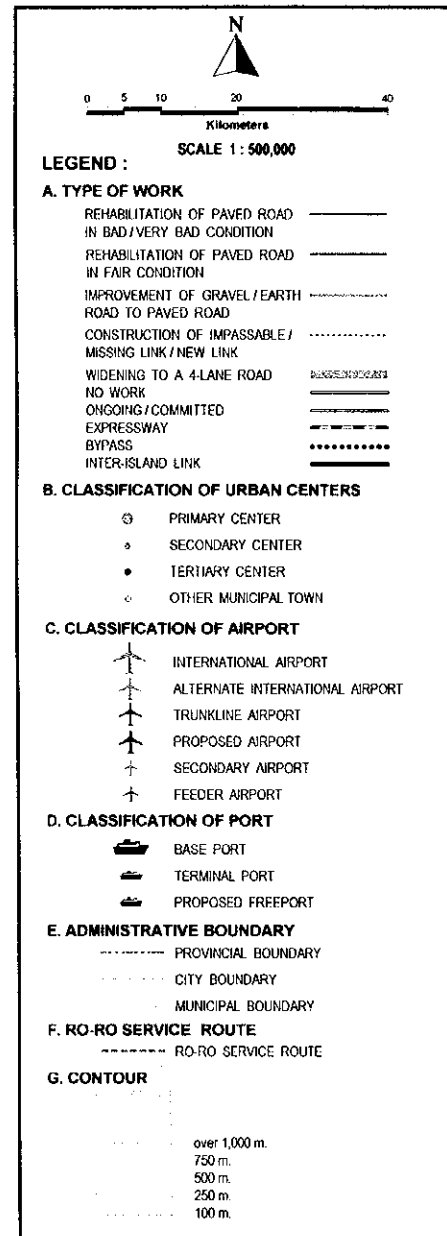
- REHABILITATION OF PAVED ROAD IN BAD / VERY BAD CONDITION
- REHABILITATION OF PAVED ROAD IN FAIR CONDITION
- IMPROVEMENT OF GRAVEL / EARTH ROAD TO PAVED ROAD
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- WIDENING TO A 4-LANE ROAD
- NO WORK
- ONGOING / COMMITTED
- EXPRESSWAY
- BYPASS
- INTER-ISLAND LINK

CLASSIFICATION OF URBAN CENTERS

- PRIMARY CENTER
- SECONDARY CENTER
- TERTIARY CENTER
- OTHER MUNICIPAL TOWN

CLASSIFICATION OF AIRPORT

- INTERNATIONAL AIRPORT
- ALTERNATE INTERNATIONAL AIRPORT
- COMMERCIAL AIRPORT



JAPAN INTERNATIONAL COOPERATION AGENCY
 Republic of the Philippines
 DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS

MASTER PLAN STUDY ON VISAYAS AND MINDANAO
 ISLANDS STRATEGIC ROAD DEVELOPMENT PROJECT
NETWORK DEVELOPMENT PLAN - 1



KATAHIRA & ENGINEERS INTERNATIONAL
 YACHIYO ENGINEERING CO., LTD.

Sheet No.
6/12

FEBRUARY 1999

SCALE 1: 500,000

LEGEND :

TYPE OF WORK

- REHABILITATION OF PAVED ROAD IN BAD / VERY BAD CONDITION
- REHABILITATION OF PAVED ROAD IN FAIR CONDITION
- IMPROVEMENT OF GRAVEL / EARTH ROAD TO PAVED ROAD
- CONSTRUCTION OF IMPASSABLE / MISSING LINK / NEW LINK
- WIDENING TO A 4-LANE ROAD
- NO WORK
- PENDING / COMMITTED
- EXPRESSWAY
- BYPASS
- INTER-ISLAND LINK

CLASSIFICATION OF URBAN CENTERS

- ⊙ PRIMARY CENTER
- SECONDARY CENTER
- TERTIARY CENTER
- OTHER MUNICIPAL TOWN

CLASSIFICATION OF AIRPORT

- ✈ INTERNATIONAL AIRPORT
- ✈ ALTERNATE INTERNATIONAL AIRPORT
- ✈ TRUNKLINE AIRPORT
- ✈ PROPOSED AIRPORT
- ✈ SECONDARY AIRPORT
- ✈ FEEDER AIRPORT

CLASSIFICATION OF PORT

- ⚓ BASE PORT
- ⚓ TERMINAL PORT
- ⚓ PROPOSED FREEPORT

ADMINISTRATIVE BOUNDARY

- PROVINCIAL BOUNDARY
- CITY BOUNDARY
- MUNICIPAL BOUNDARY

RO-RO SERVICE ROUTE

- RO-RO SERVICE ROUTE

ELEVATION CONTOUR

- over 1,000 m.
- 750 m.
- 500 m.
- 250 m.
- 100 m.



JAPAN INTERNATIONAL COOPERATION AGENCY

Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS

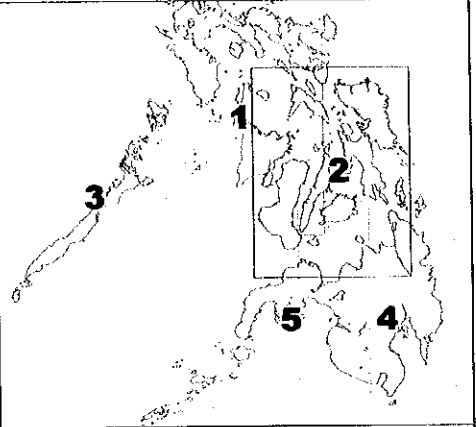
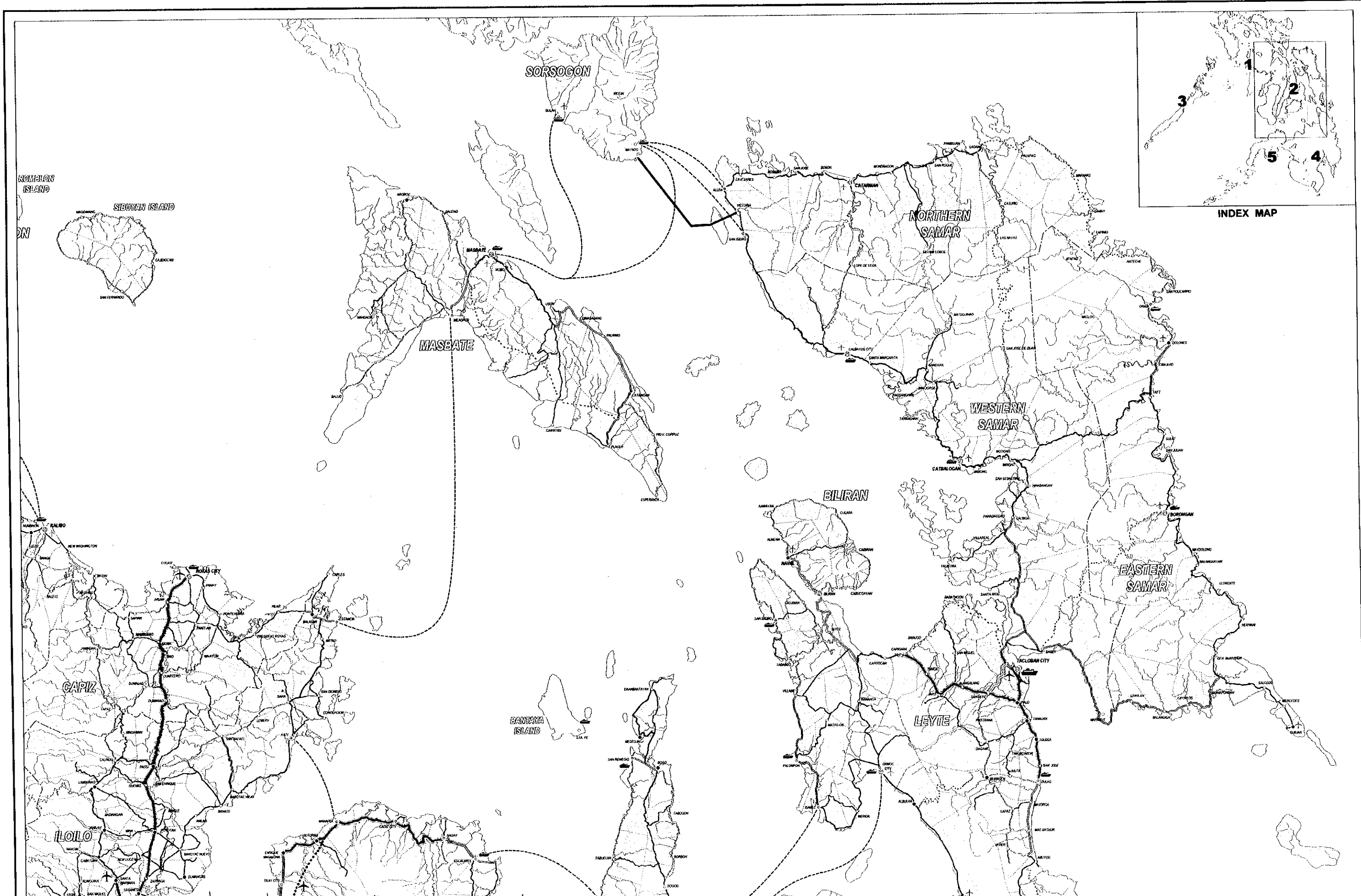
MASTER PLAN STUDY ON VISAYAS AND MINDANAO ISLANDS STRATEGIC ROAD DEVELOPMENT PROJECT

NETWORK DEVELOPMENT PLAN - 1

KATAHIRA & ENGINEERS INTERNATIONAL

YACHIYO ENGINEERING CO., LTD.

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INDEX MAP

SORSOGON

NORTHERN SAMAR

WESTERN SAMAR

EASTERN SAMAR

BILIRAN

LEYTE

MASBATE

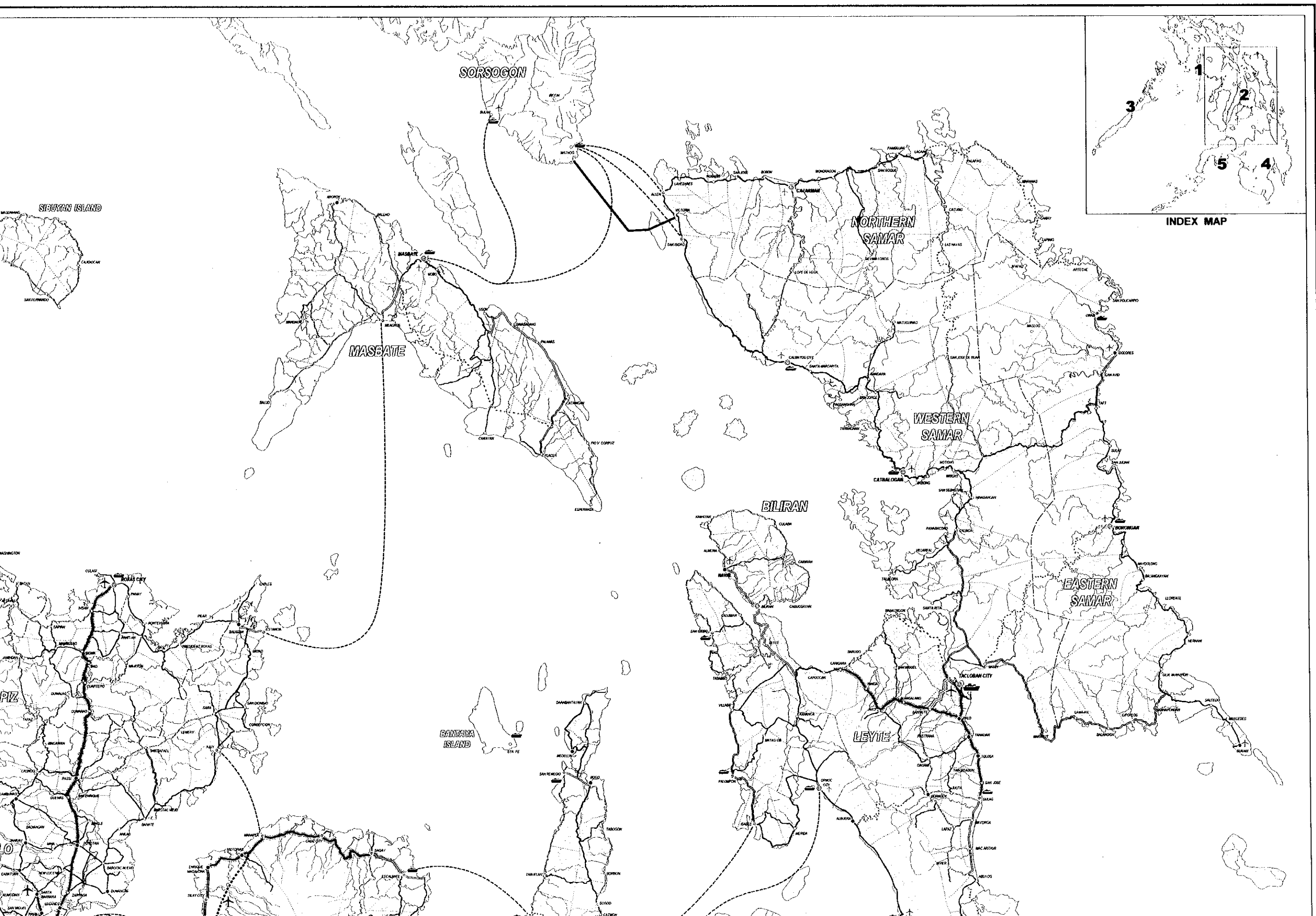
SIEMAN ISLAND

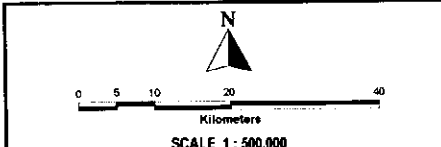
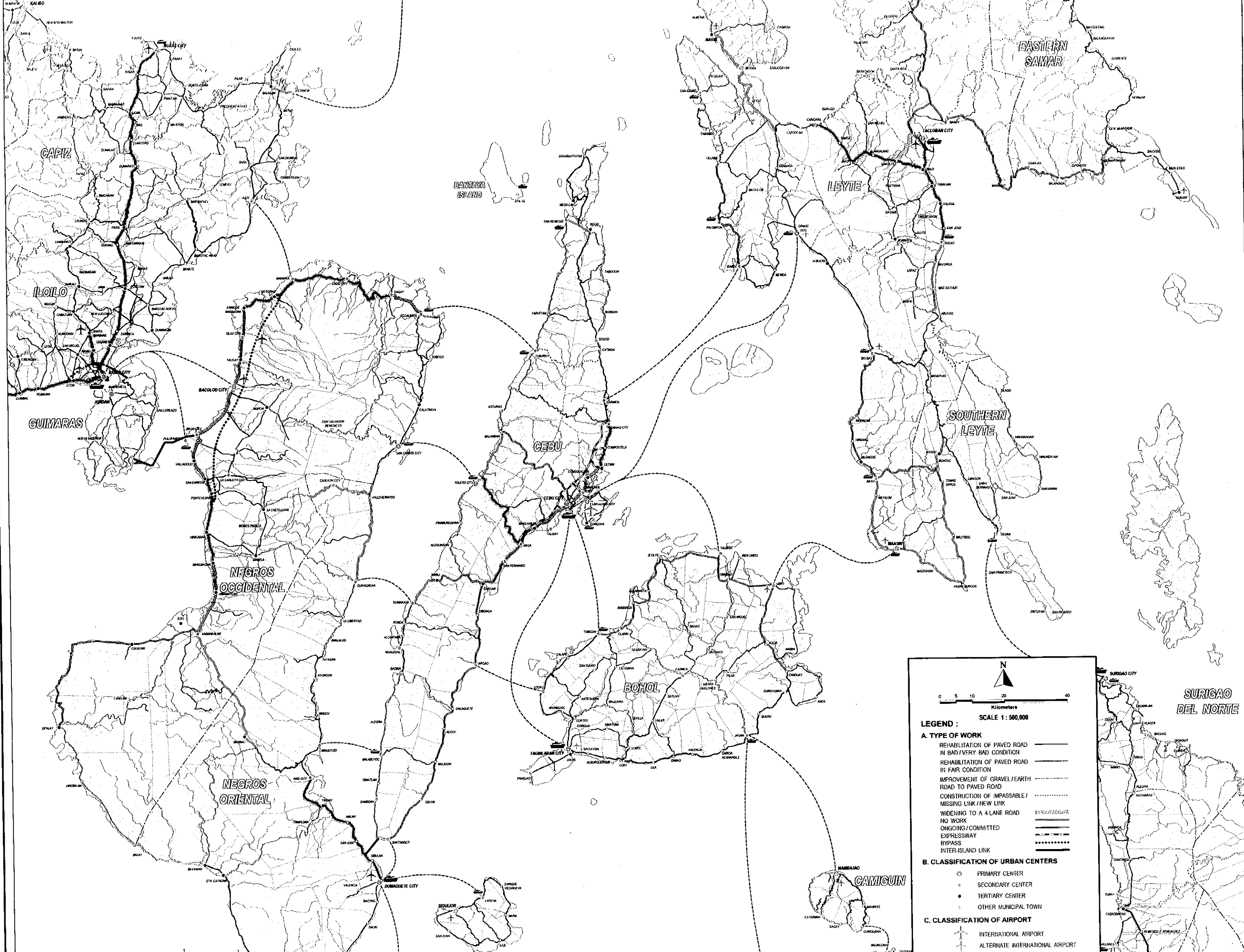
ROMBLON ISLAND

ILOILO

CAPIZ

SANTANA ISLAND

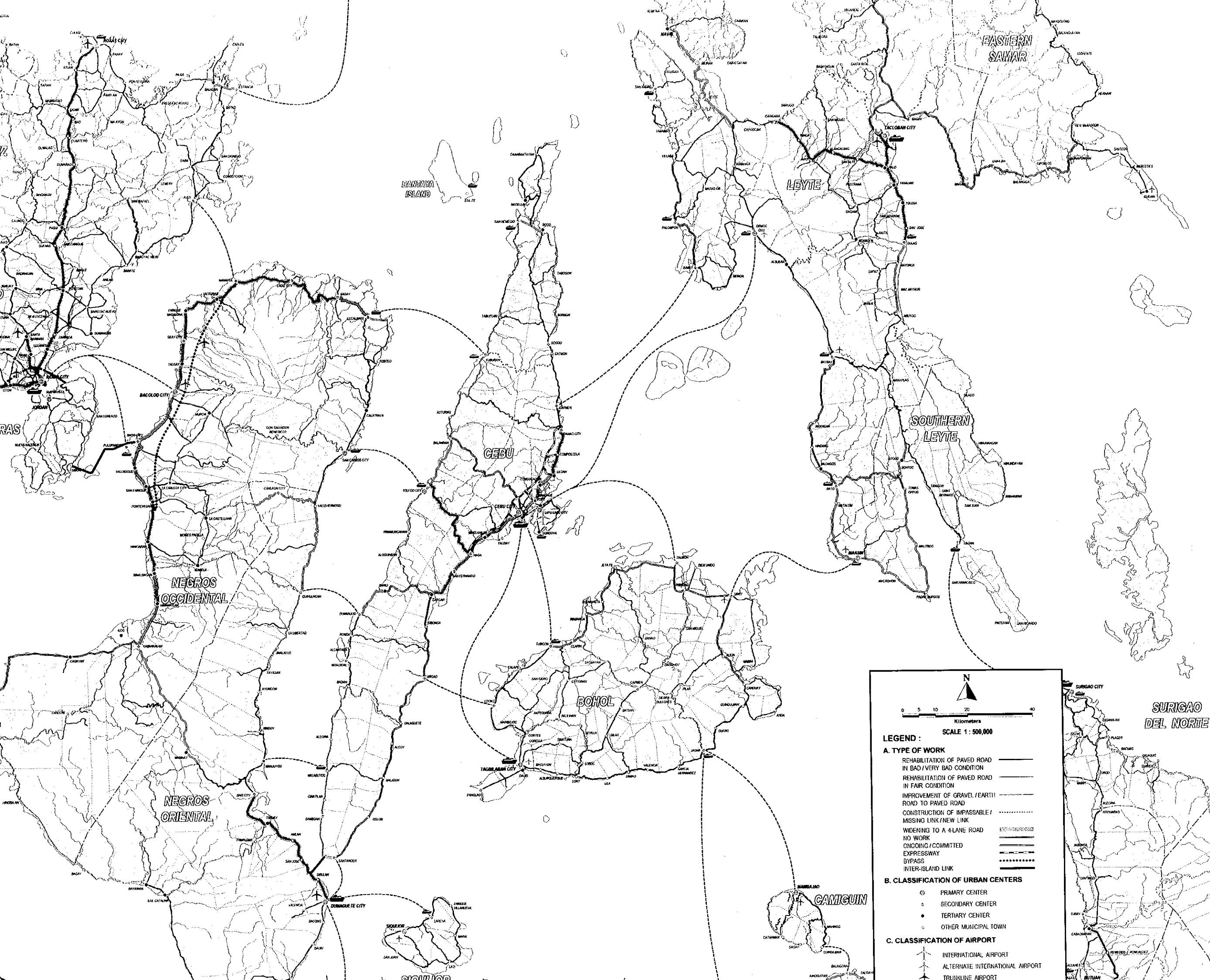




- LEGEND :**
- A. TYPE OF WORK**
- REHABILITATION OF PAVED ROAD IN BAD /VERY BAD CONDITION
 - REHABILITATION OF PAVED ROAD IN FAIR CONDITION
 - IMPROVEMENT OF GRAVEL /EARTH ROAD TO PAVED ROAD
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 - WIDENING TO A 4-LANE ROAD
 - NO WORK
 - ONGOING /COMMITTED EXPRESSWAY
 - BYPASS
 - INTER-ISLAND LINK
- B. CLASSIFICATION OF URBAN CENTERS**
- PRIMARY CENTER
 - SECONDARY CENTER
 - TERTIARY CENTER
 - OTHER MUNICIPAL TOWN
- C. CLASSIFICATION OF AIRPORT**
- INTERNATIONAL AIRPORT
 - ALTERNATE INTERNATIONAL AIRPORT

SURIGAO DEL NORTE

CAMIGUIN



N

0 5 10 20 40
Kilometers

SCALE 1 : 500,000

LEGEND :

A. TYPE OF WORK

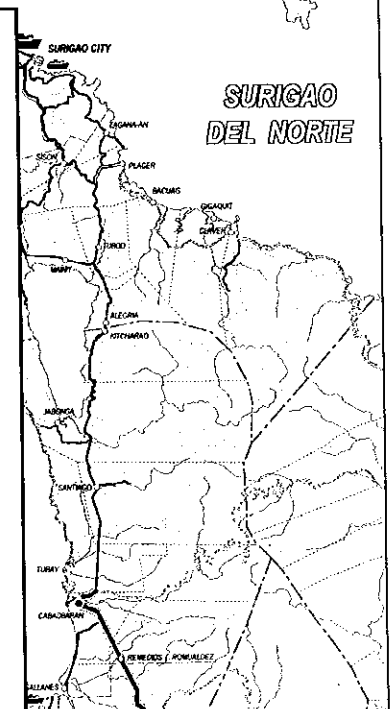
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- BYPASS
- INTER-ISLAND LINK

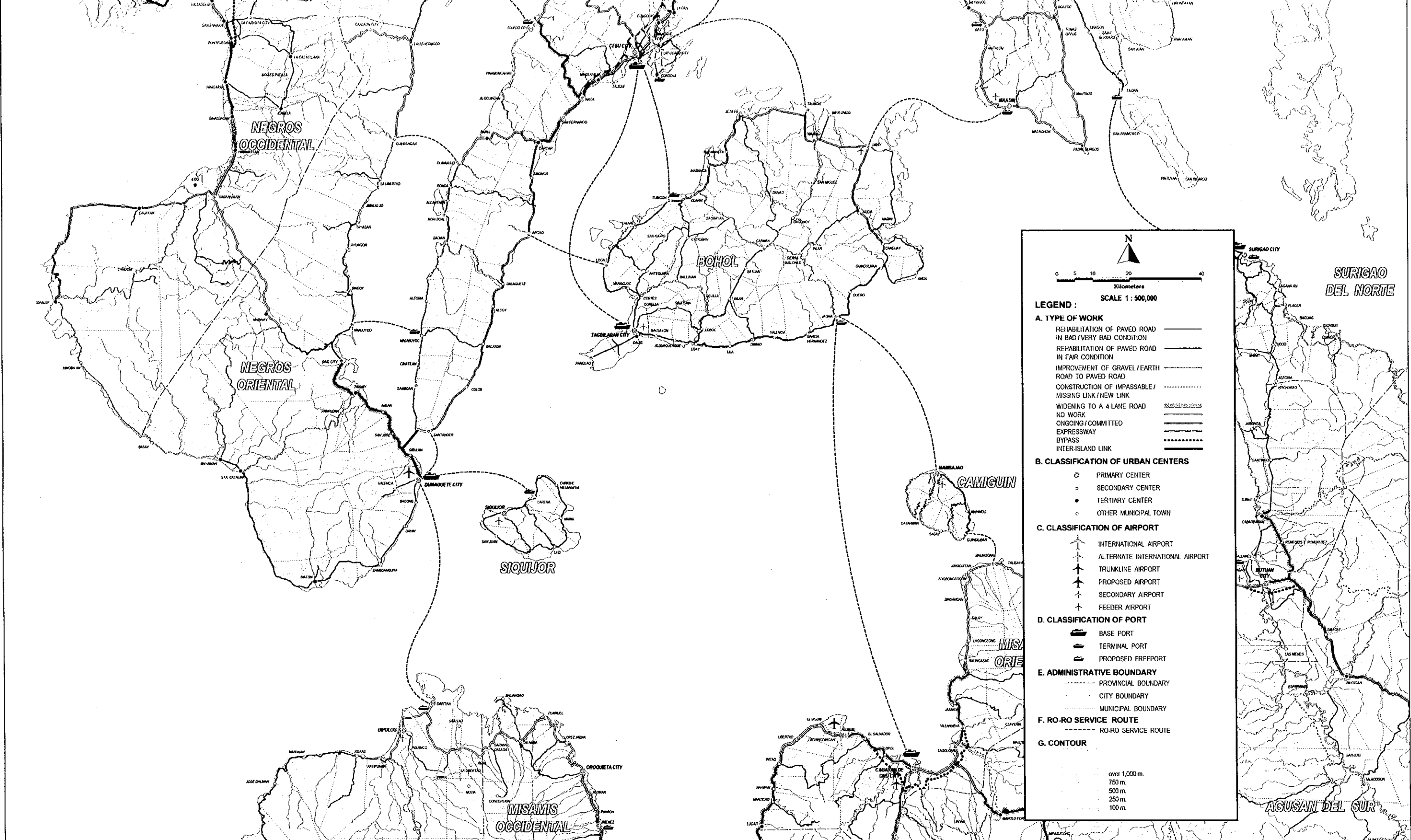
B. CLASSIFICATION OF URBAN CENTERS

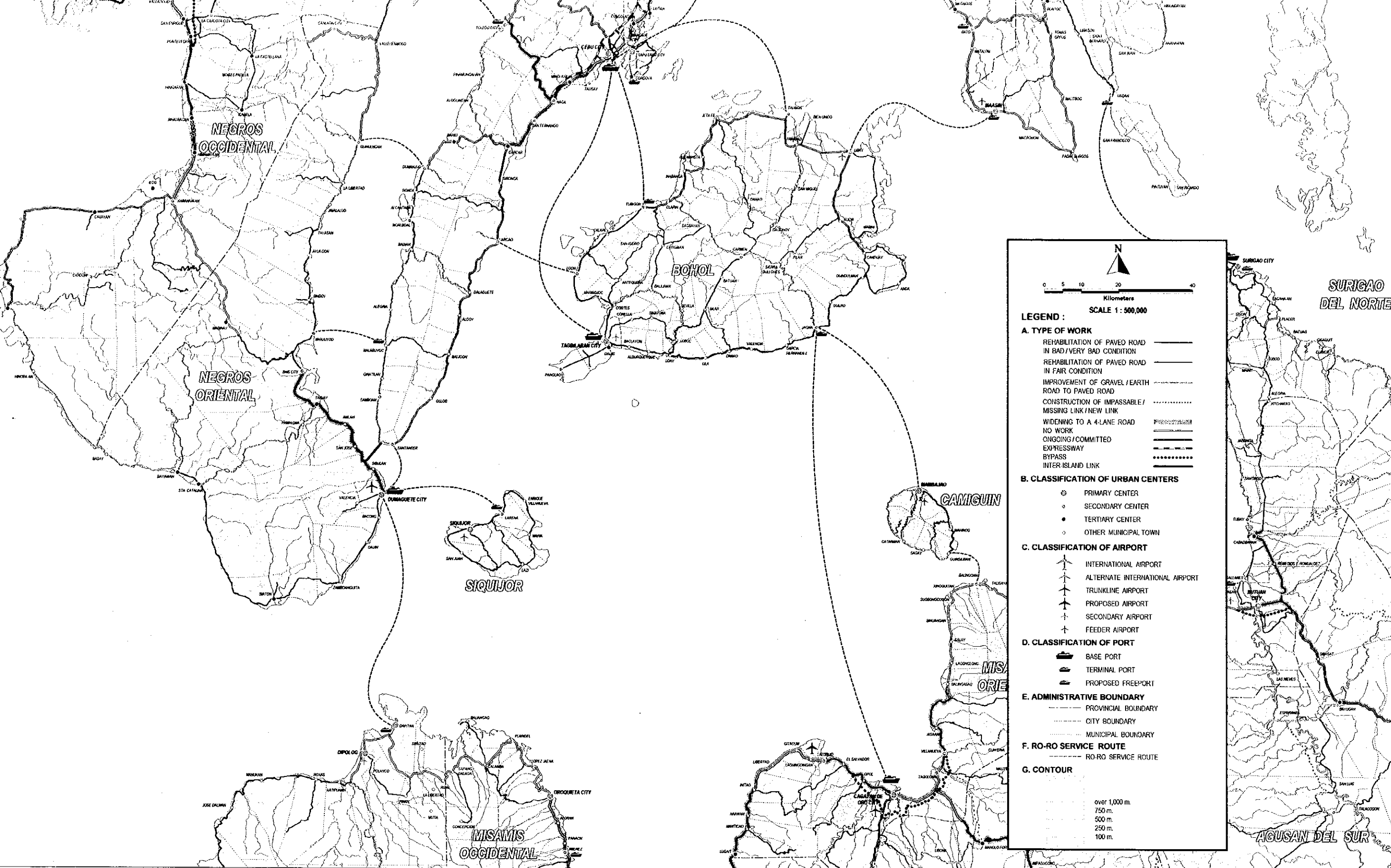
- PRIMARY CENTER
- SECONDARY CENTER
- TERTIARY CENTER
- OTHER MUNICIPAL TOWN

C. CLASSIFICATION OF AIRPORT

- ✈ INTERNATIONAL AIRPORT
- ✈ ALTERNATE INTERNATIONAL AIRPORT
- ✈ TRUNKLINE AIRPORT







N

0 5 10 20 40
Kilometers
SCALE 1:500,000

LEGEND :

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B. CLASSIFICATION OF URBAN CENTERS

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- SECONDARY CENTER
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C. CLASSIFICATION OF AIRPORT

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- ALTERNATE INTERNATIONAL AIRPORT
- TRUNKLINE AIRPORT
- PROPOSED AIRPORT
- SECONDARY AIRPORT
- FEEDER AIRPORT

D. CLASSIFICATION OF PORT

- BASE PORT
- TERMINAL PORT
- PROPOSED FREEPORT

E. ADMINISTRATIVE BOUNDARY

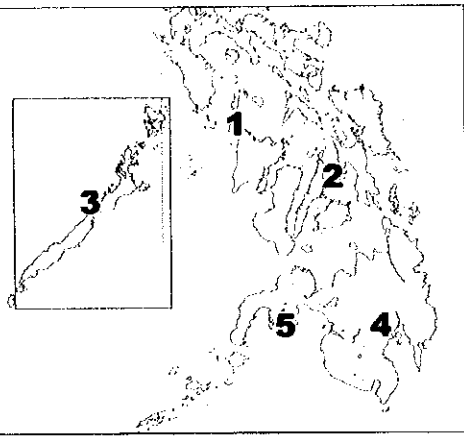
- PROVINCIAL BOUNDARY
- CITY BOUNDARY
- MUNICIPAL BOUNDARY

F. RO-RO SERVICE ROUTE

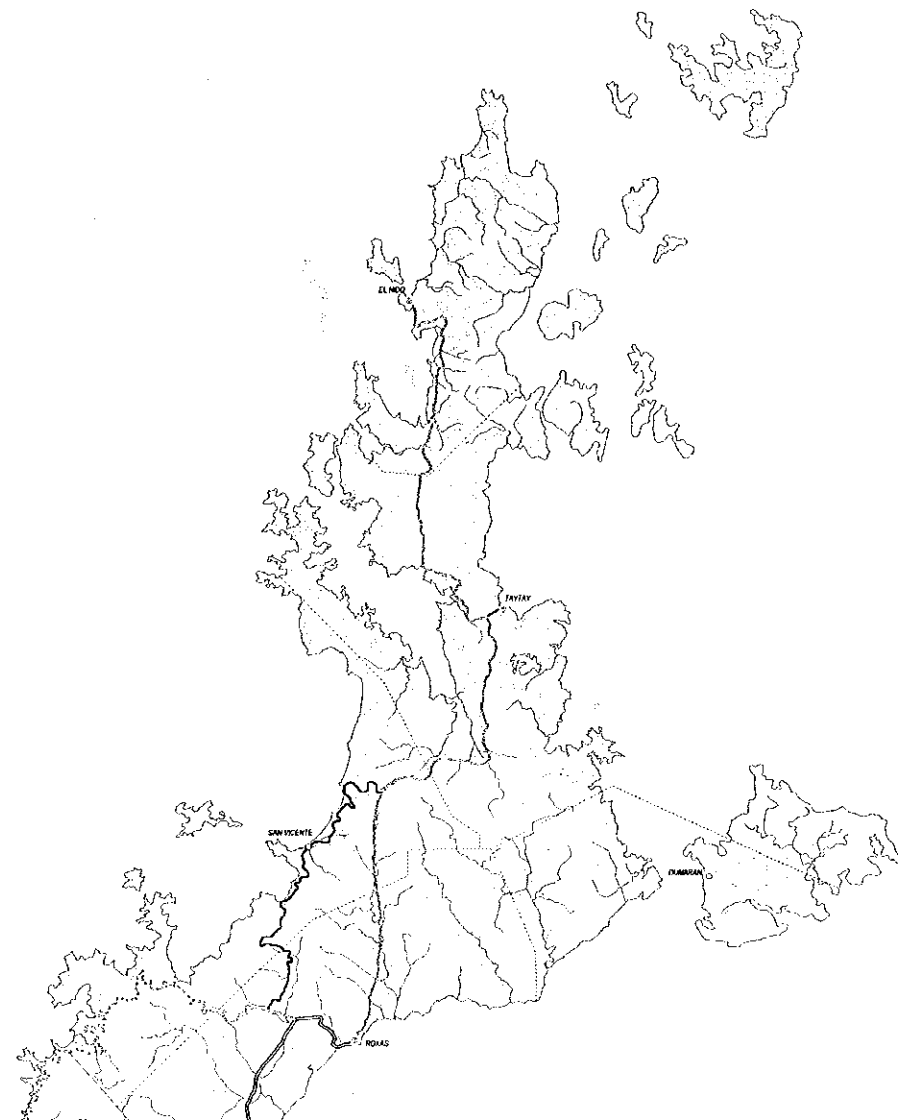
- RO-RO SERVICE ROUTE

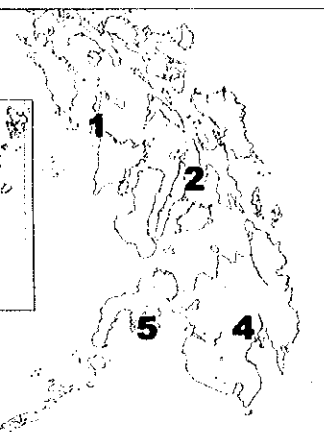
G. CONTOUR

- over 1,000 m.
- 750 m.
- 500 m.
- 250 m.
- 100 m.

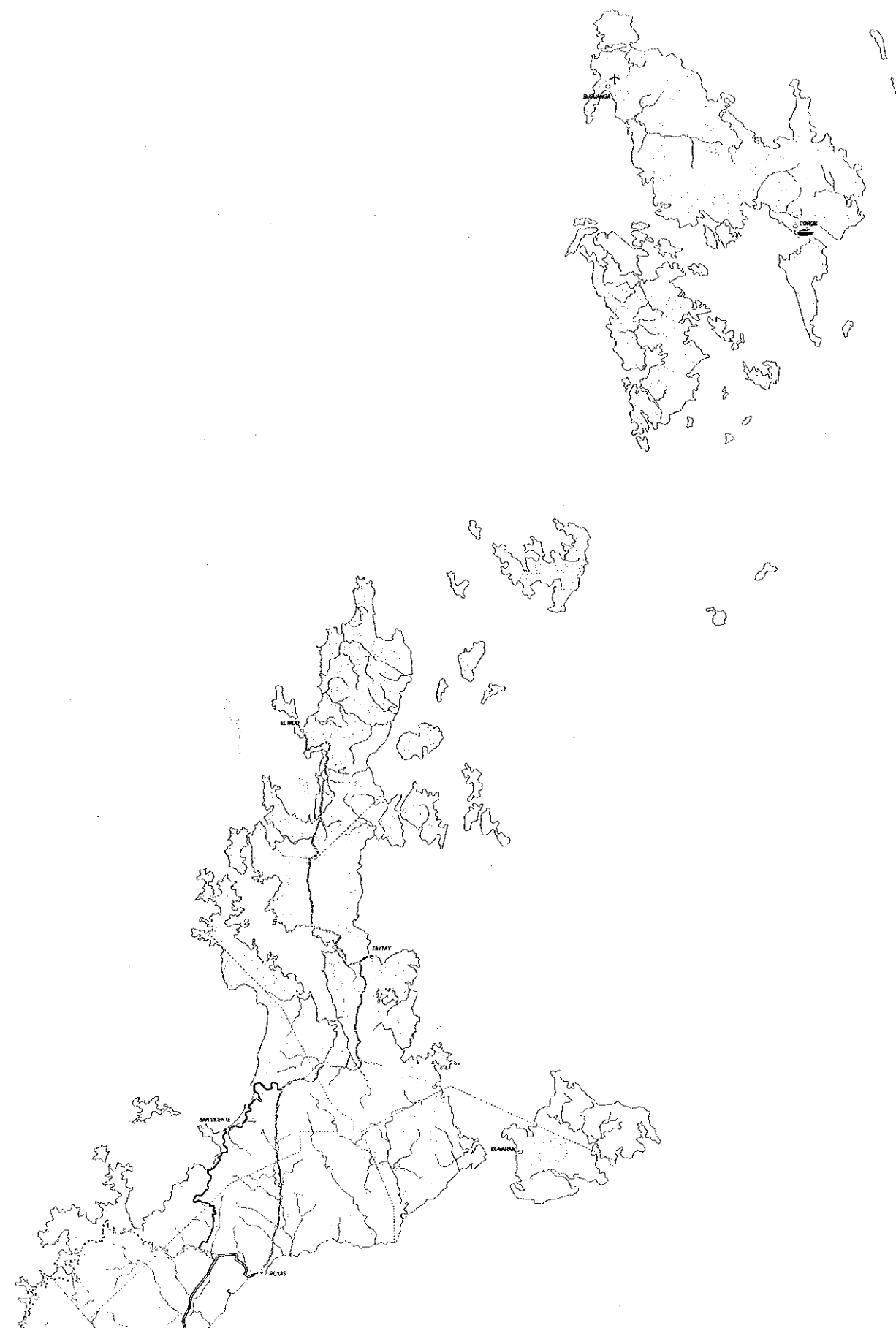


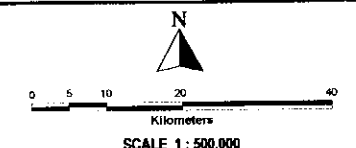
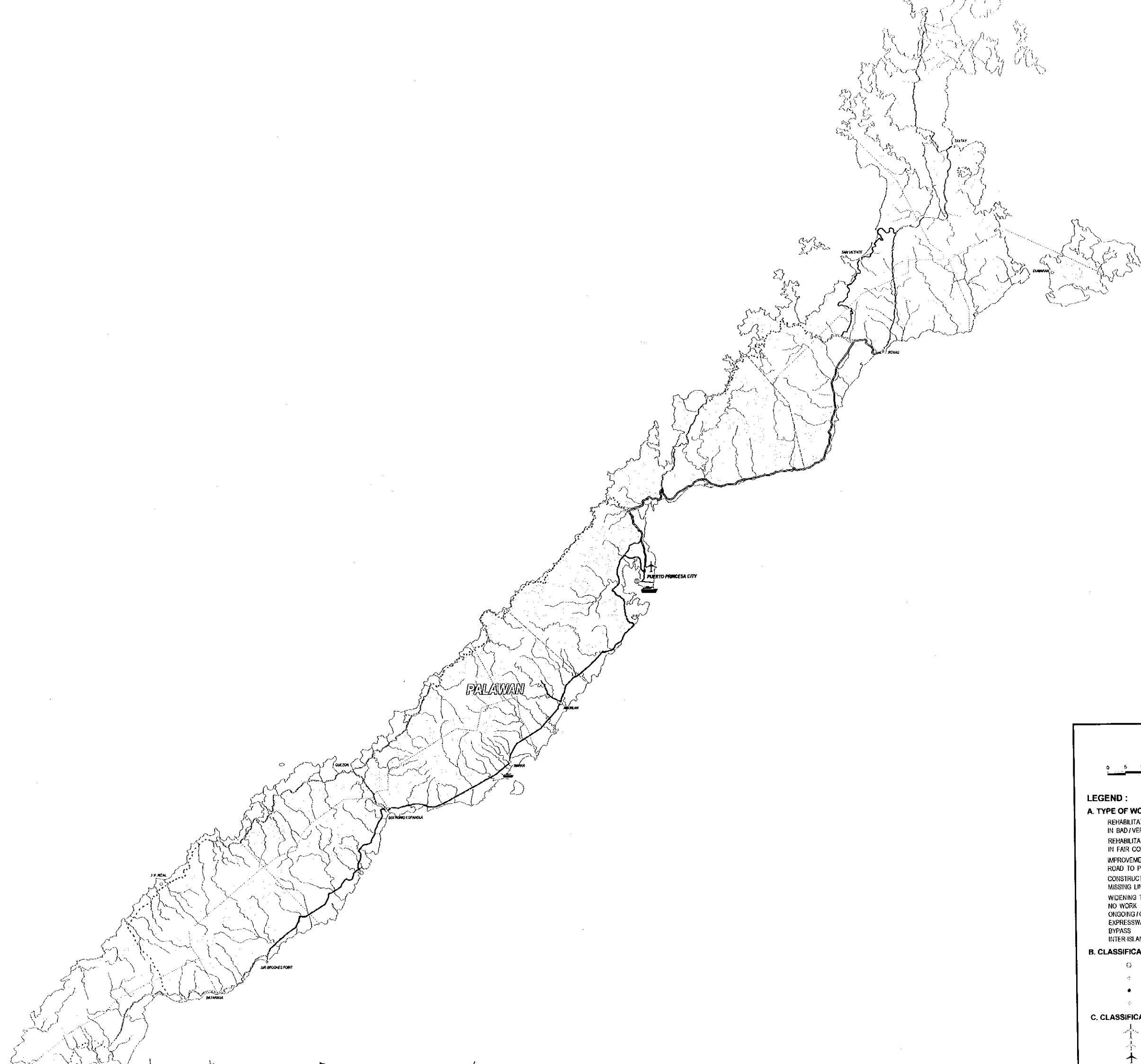
INDEX MAP





INDEX MAP





SCALE 1:500,000

LEGEND :

A. TYPE OF WORK

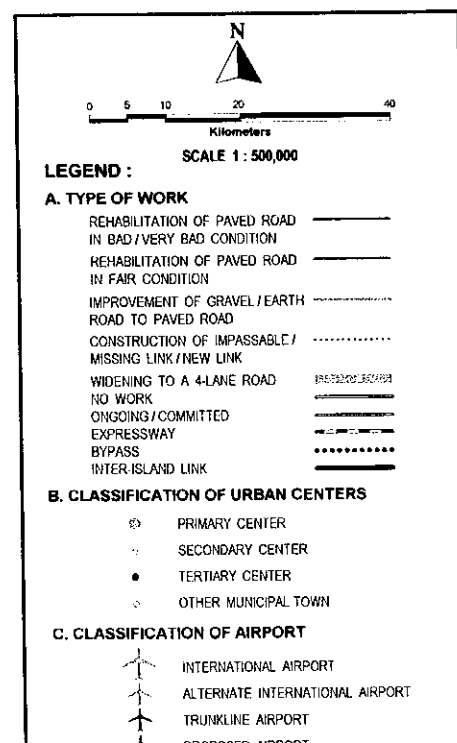
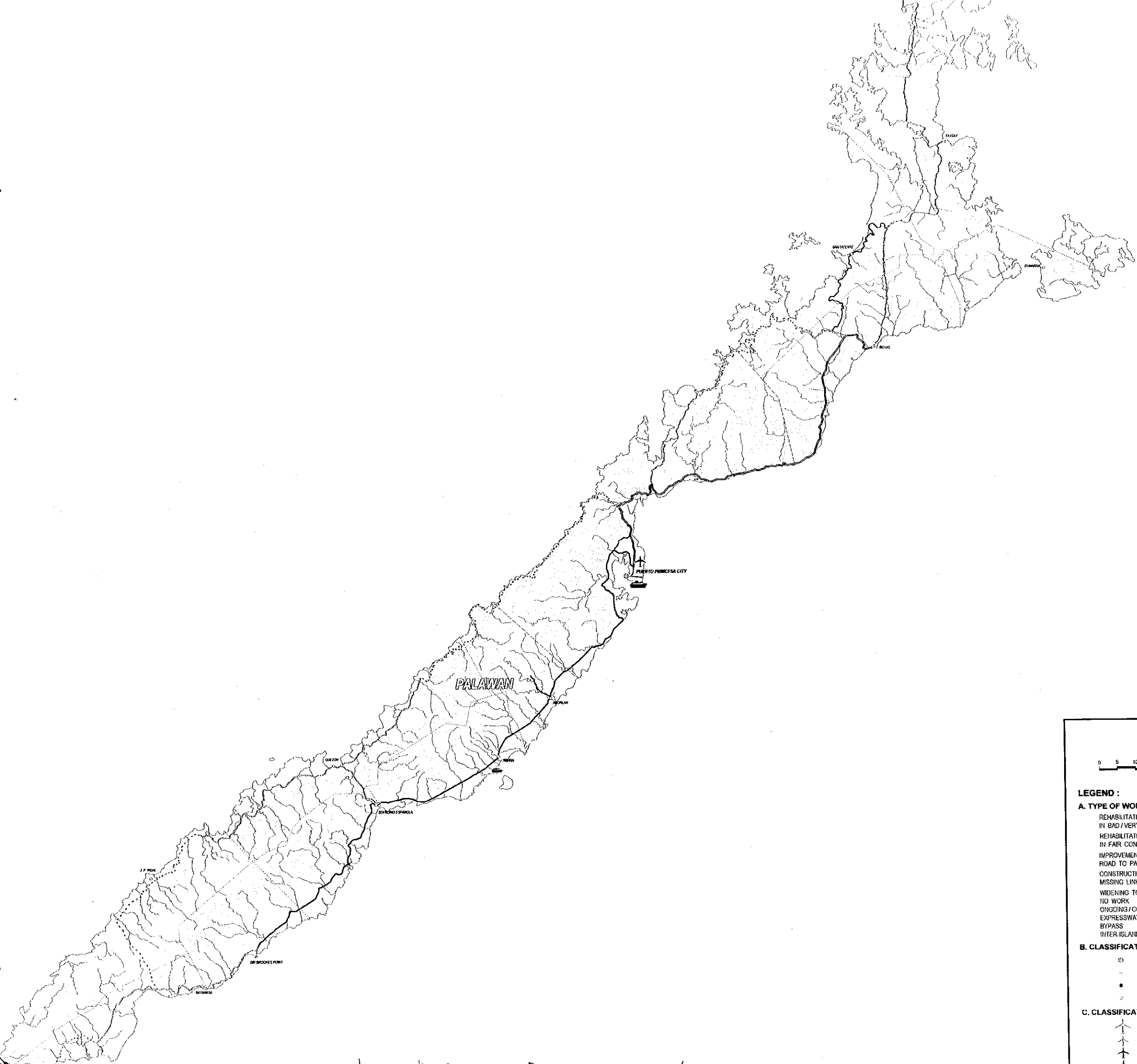
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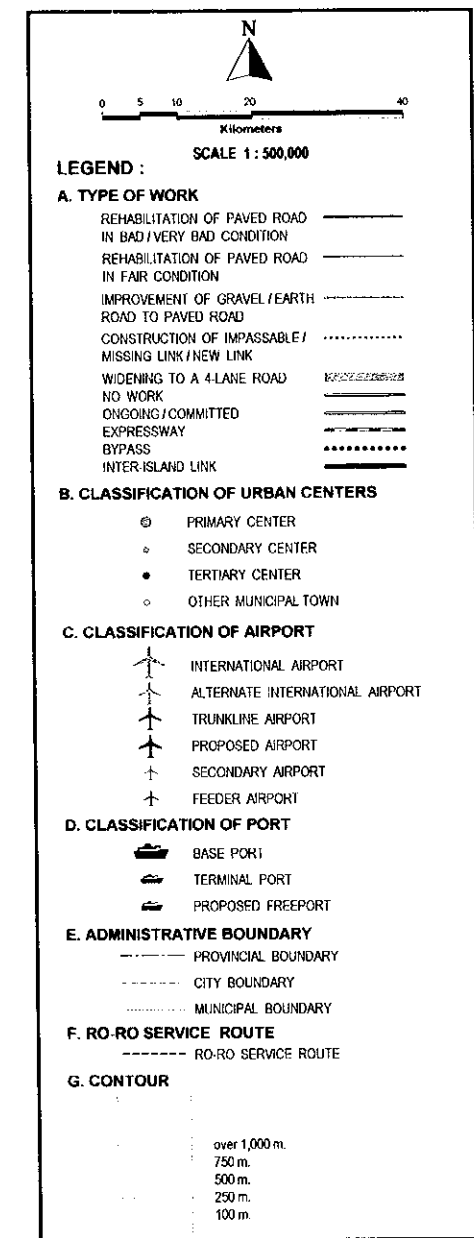
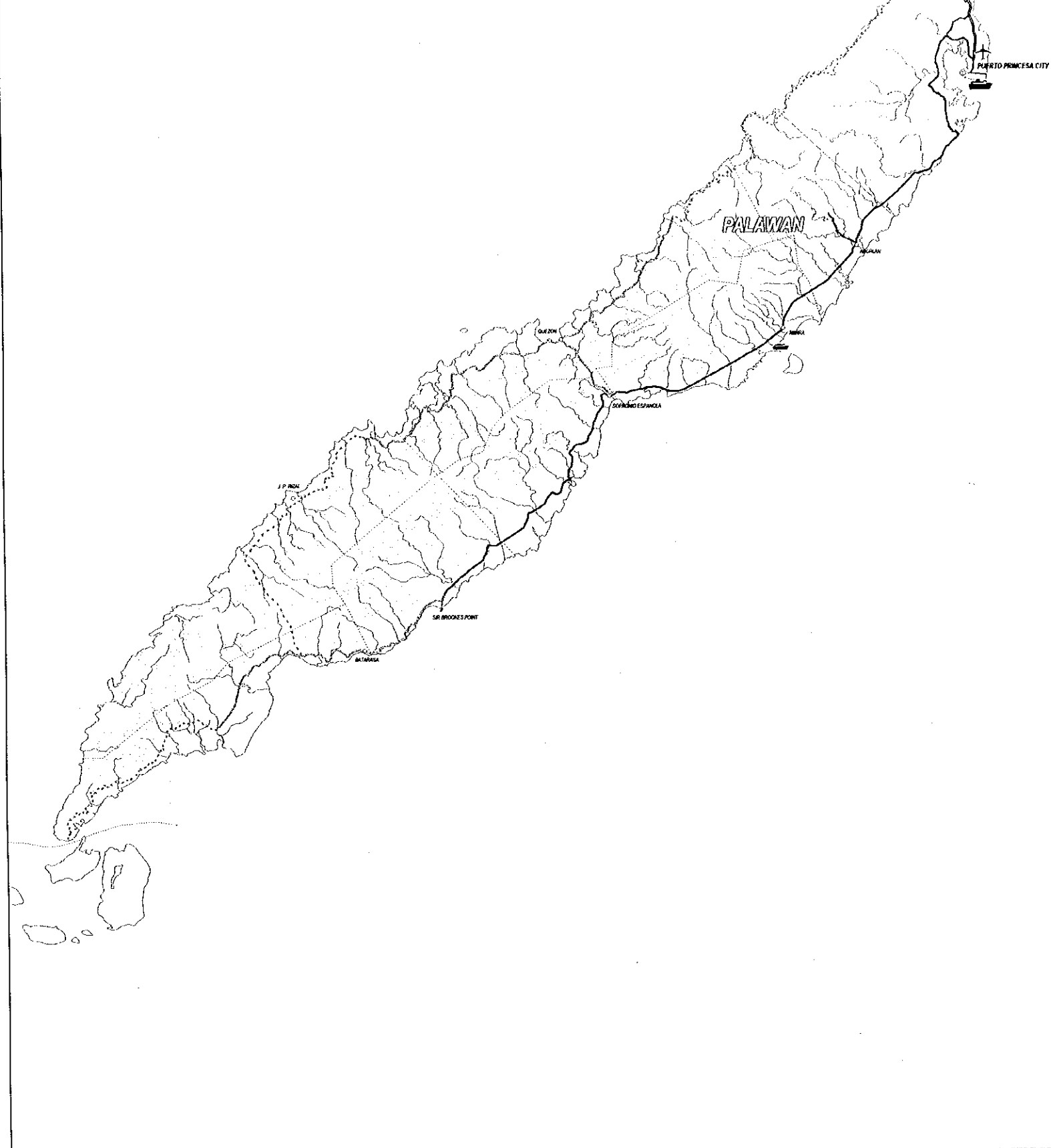
B. CLASSIFICATION OF URBAN CENTERS

- PRIMARY CENTER
- SECONDARY CENTER
- TERTIARY CENTER
- OTHER MUNICIPAL TOWN

C. CLASSIFICATION OF AIRPORT

- INTERNATIONAL AIRPORT
- ALTERNATE INTERNATIONAL AIRPORT
- TRUNKLINE AIRPORT





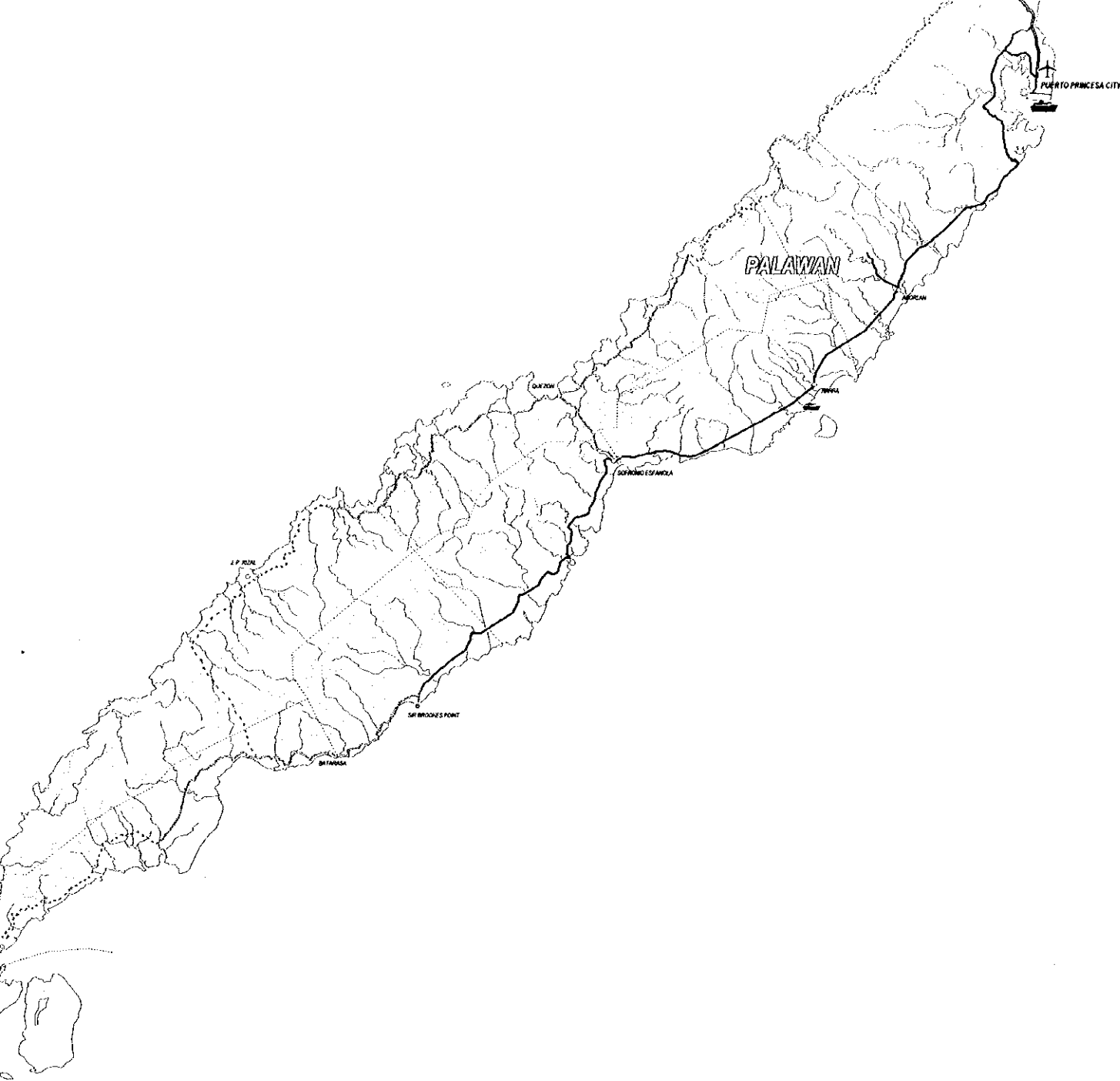
JAPAN INTERNATIONAL COOPERATION AGENCY
 Republic of the Philippines
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MASTER PLAN STUDY ON VISAYAS AND MINDANAO
 ISLANDS STRATEGIC ROAD DEVELOPMENT PROJECT
NETWORK DEVELOPMENT PLAN - 3



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 YACHIYO ENGINEERING CO., LTD.

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8/12
 FEBRUARY 1999



N

0 5 10 20 40
Kilometers
SCALE 1 : 500,000

LEGEND :

A. TYPE OF WORK

- REHABILITATION OF PAVED ROAD IN BAD /VERY BAD CONDITION
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- ◐ SECONDARY CENTER
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- RO-RO SERVICE ROUTE

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- 500 m.
- 250 m.
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