

JAPAN INTERNATIONAL COOPERATION AGENCY
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REPUBLIC OF THE PHILIPPINES

No. 2

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

FINAL REPORT

MASTER PLAN MAPS

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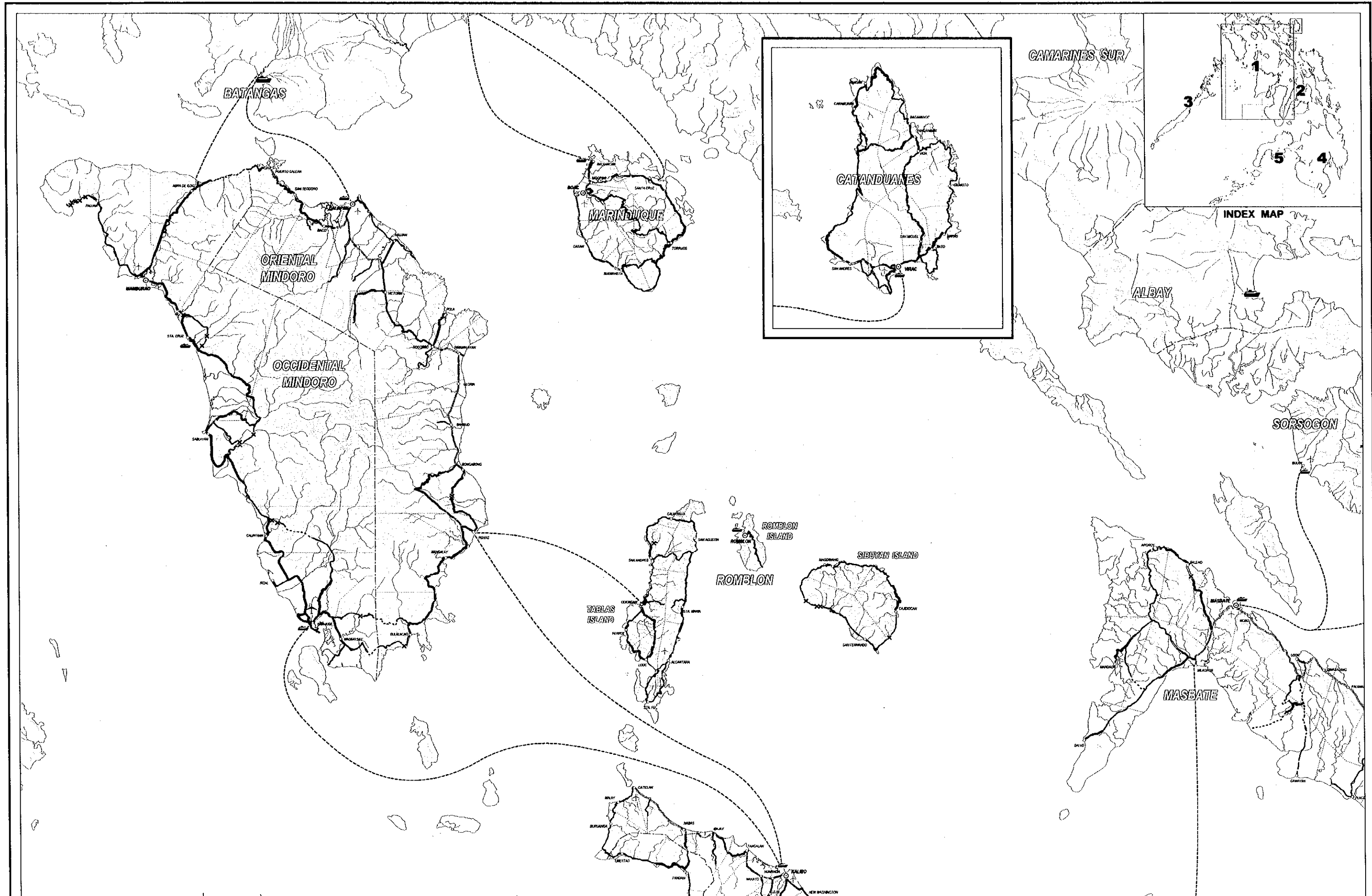
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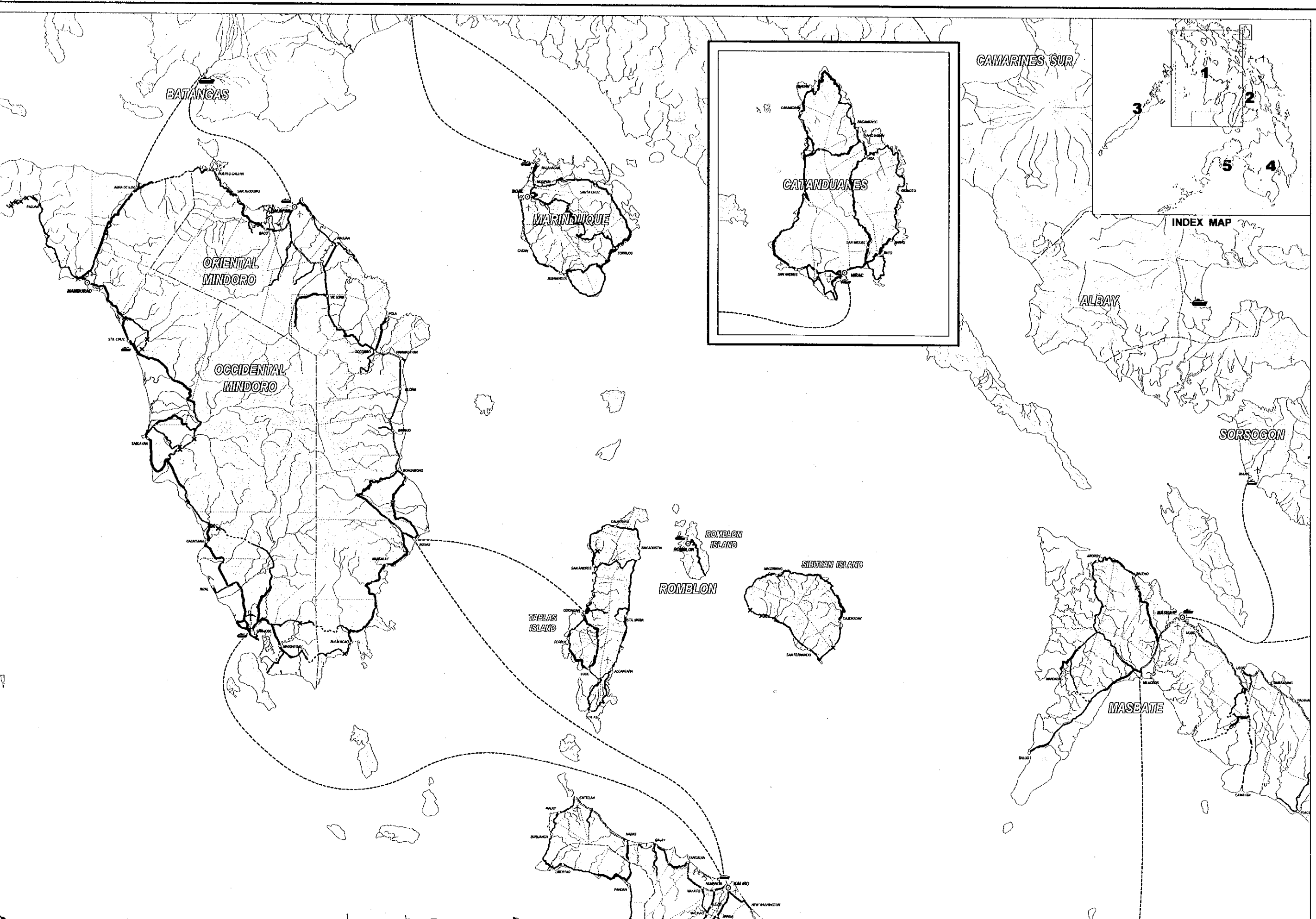
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YACHIYO ENGINEERING CO., LTD.

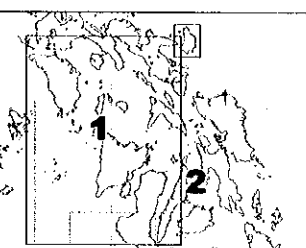
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CAMARINES SUR

BATANGAS



CATANDUANES

ORIENTAL MINDORO

OCCIDENTAL MINDORO

ALBAY

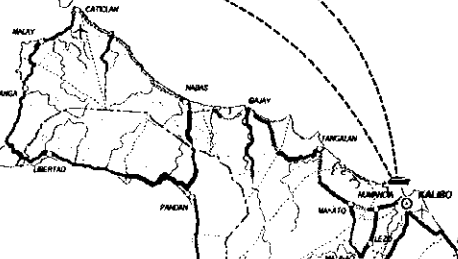
SORSOGON

ROMBLON ISLAND

SIBUYAN ISLAND

TABLAS ISLAND

MASBATE





N

0 5 10 20 40
Kilometers

SCALE 1 : 500,000

LEGEND :

A. ROAD CONDITION
(As of March 1997)

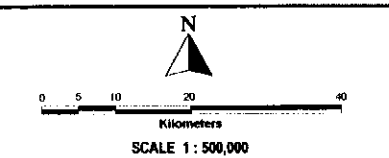
PCC - GOOD / FAIR	Carriageway Width > 6.0m.	Carriageway Width < 6.0m.
PCC - BAD / VERY BAD	—————	—————
AC - GOOD / FAIR	—————	—————
AC - BAD / VERY BAD	—————	—————
GRAVEL / EARTH - GOOD / FAIR	—————	—————
GRAVEL / EARTH - BAD / VERY BAD	—————	—————
IMPASSABLE / NOT EXISTING	-----	-----
UNDER CONSTRUCTION	—————	—————
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



- LEGEND :**
- A. ROAD CONDITION**
(As of March 1997)
- | | 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
(As of March 1997)

	Carriageway Width > 8.0m.	Carriageway Width < 8.0m.
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	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

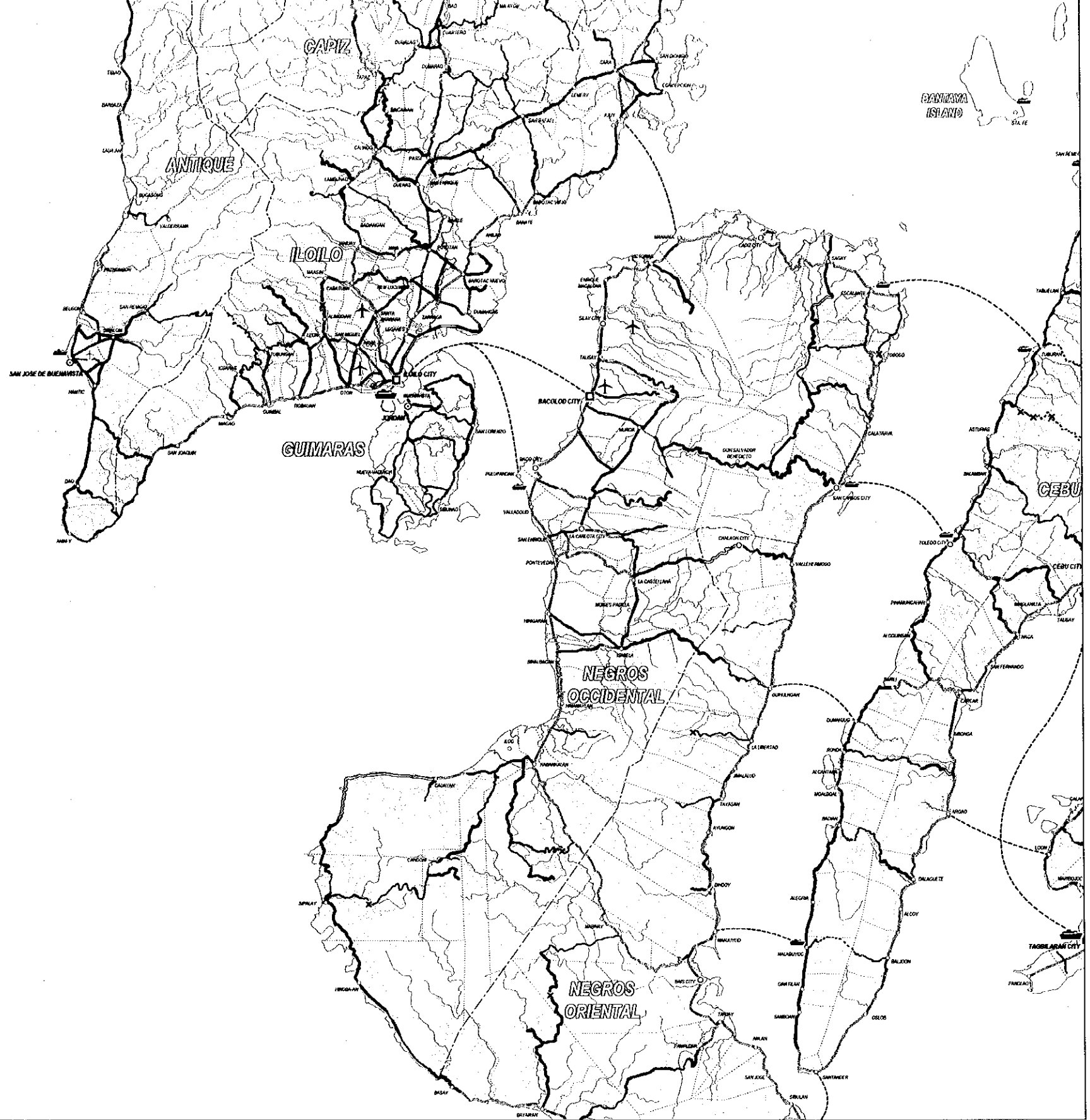
- PROVINCIAL BOUNDARY
- CITY BOUNDARY
- MUNICIPAL BOUNDARY

F. RO-RO SERVICE ROUTE

- RO-RO SERVICE ROUTE

G. CONTOUR

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



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
EXISTING ROAD CONDITION - 1



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1/12
 FEBRUARY 1999

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

LEGEND :

ROAD CONDITION
(As of March 1997)

ROAD CONDITION	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		

PROVINCIAL CAPITAL / CITY / MUNICIPALITY
(As of 1997)

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

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

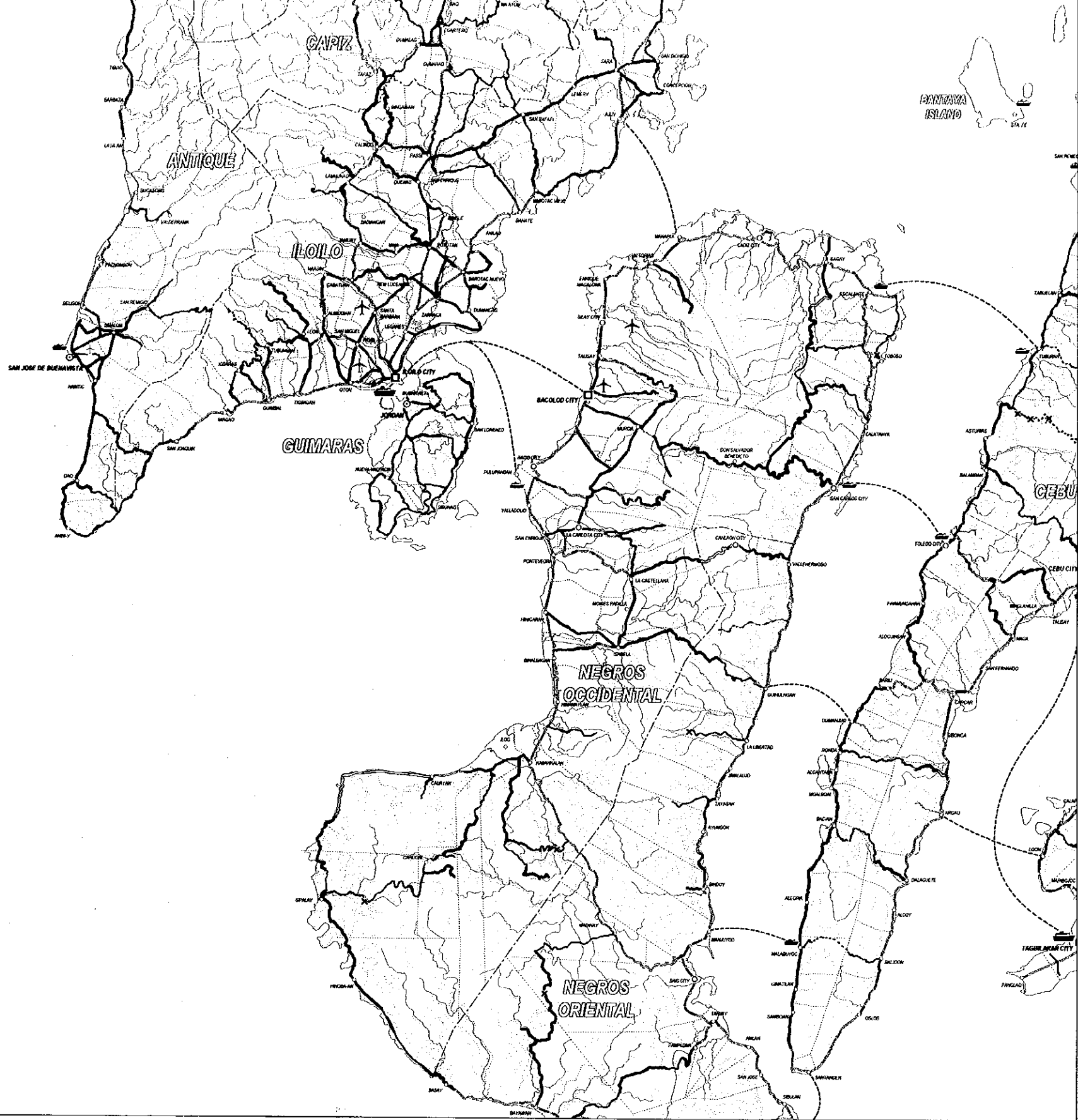
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- CITY BOUNDARY
- MUNICIPAL BOUNDARY

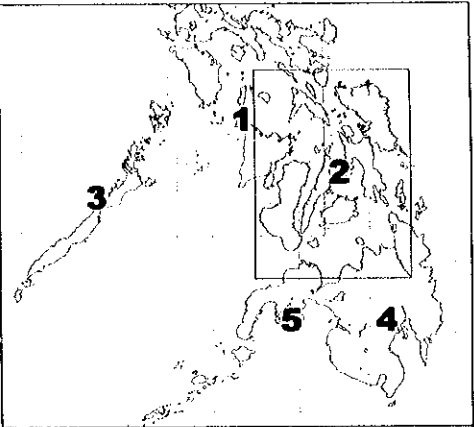
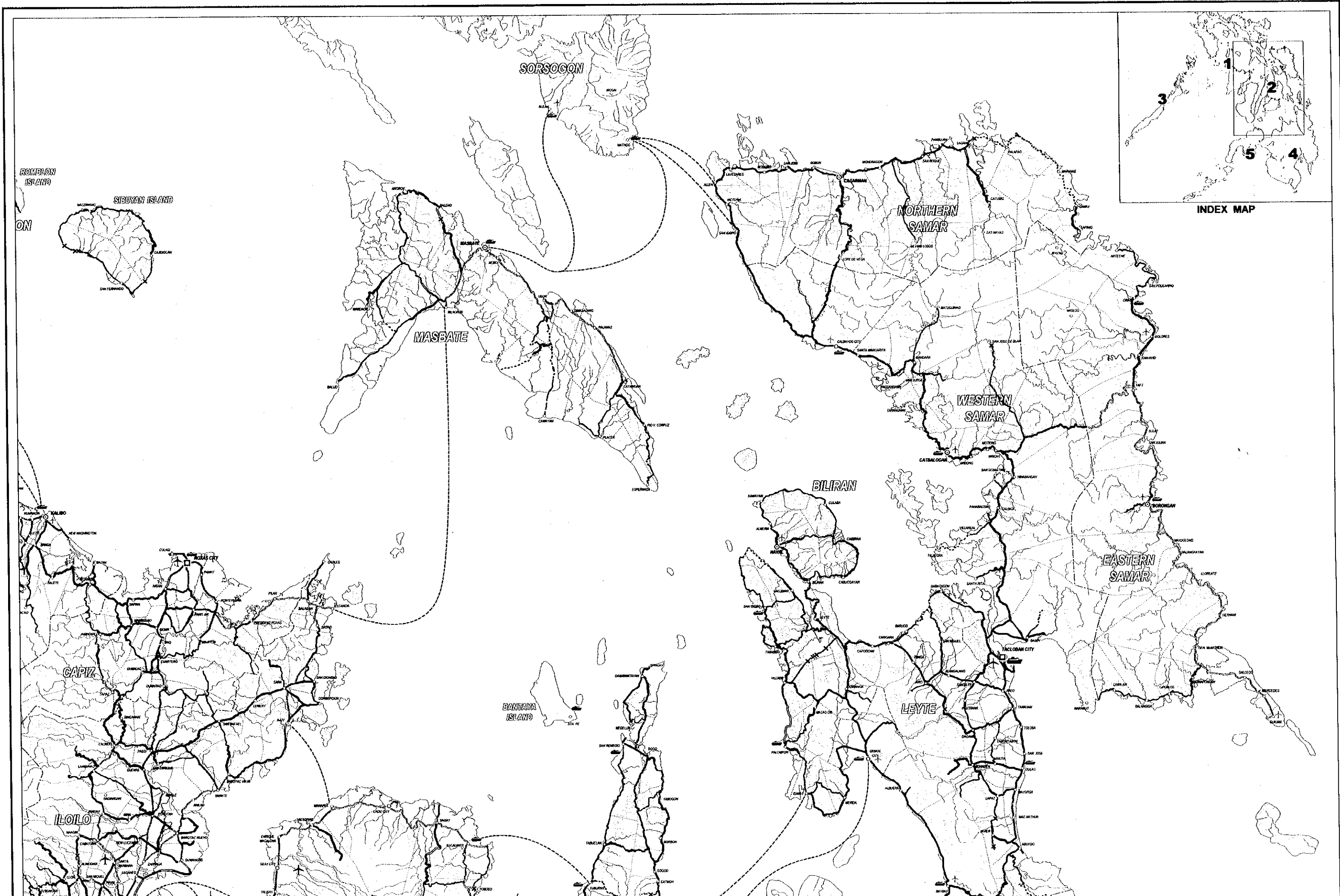
RO-RO SERVICE ROUTE

- RO-RO SERVICE ROUTE

CONTOUR

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





INDEX MAP

SORSOGON

MASBATE

NORTHERN SAMAR

WESTERN SAMAR

EASTERN SAMAR

BILIRAN

LEYTE

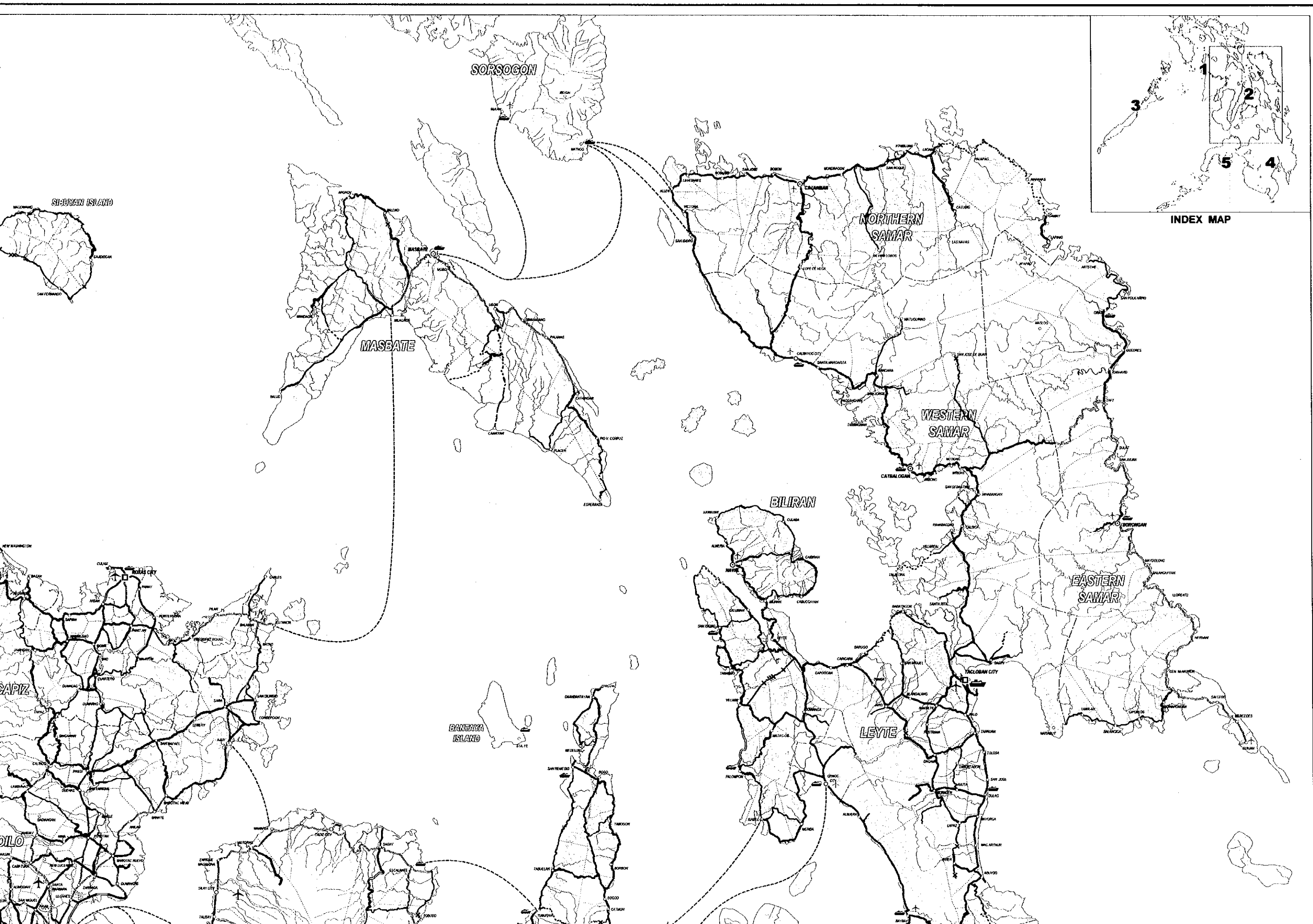
CAPIZ

ILOILO

ROMBLON ISLAND

SEBUNAN ISLAND

BANTAYA ISLAND



SORSOGON

MASBATE

NORTHERN SAMAR

WESTERN SAMAR

EASTERN SAMAR

BILIRAN

LEYTE

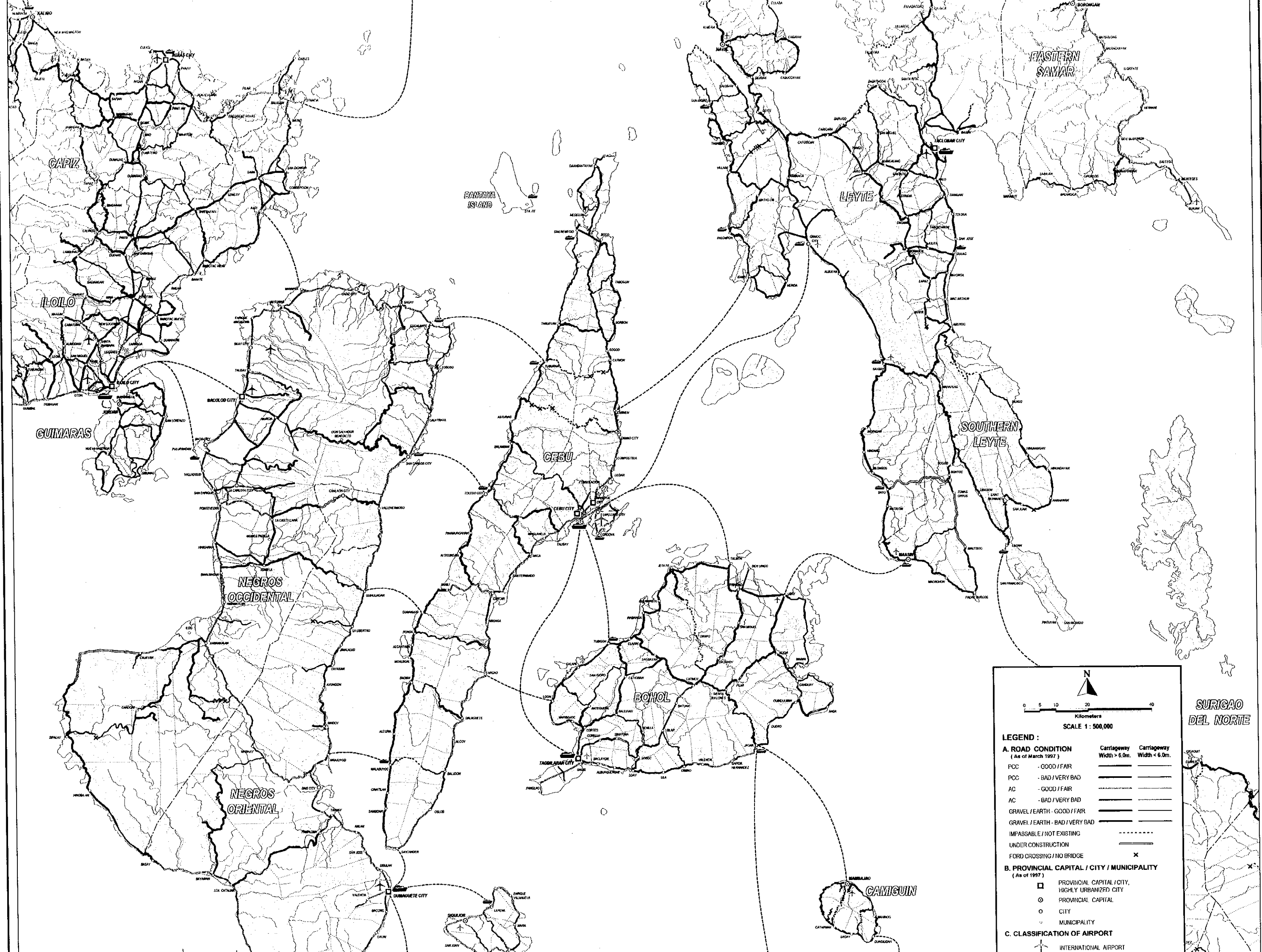
INDEX MAP

BANTAYA ISLAND

SIBUYAN ISLAND

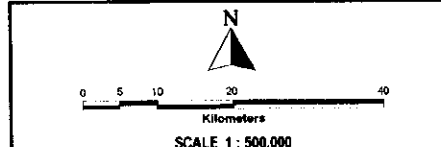
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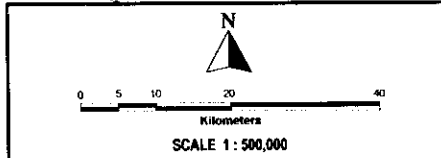
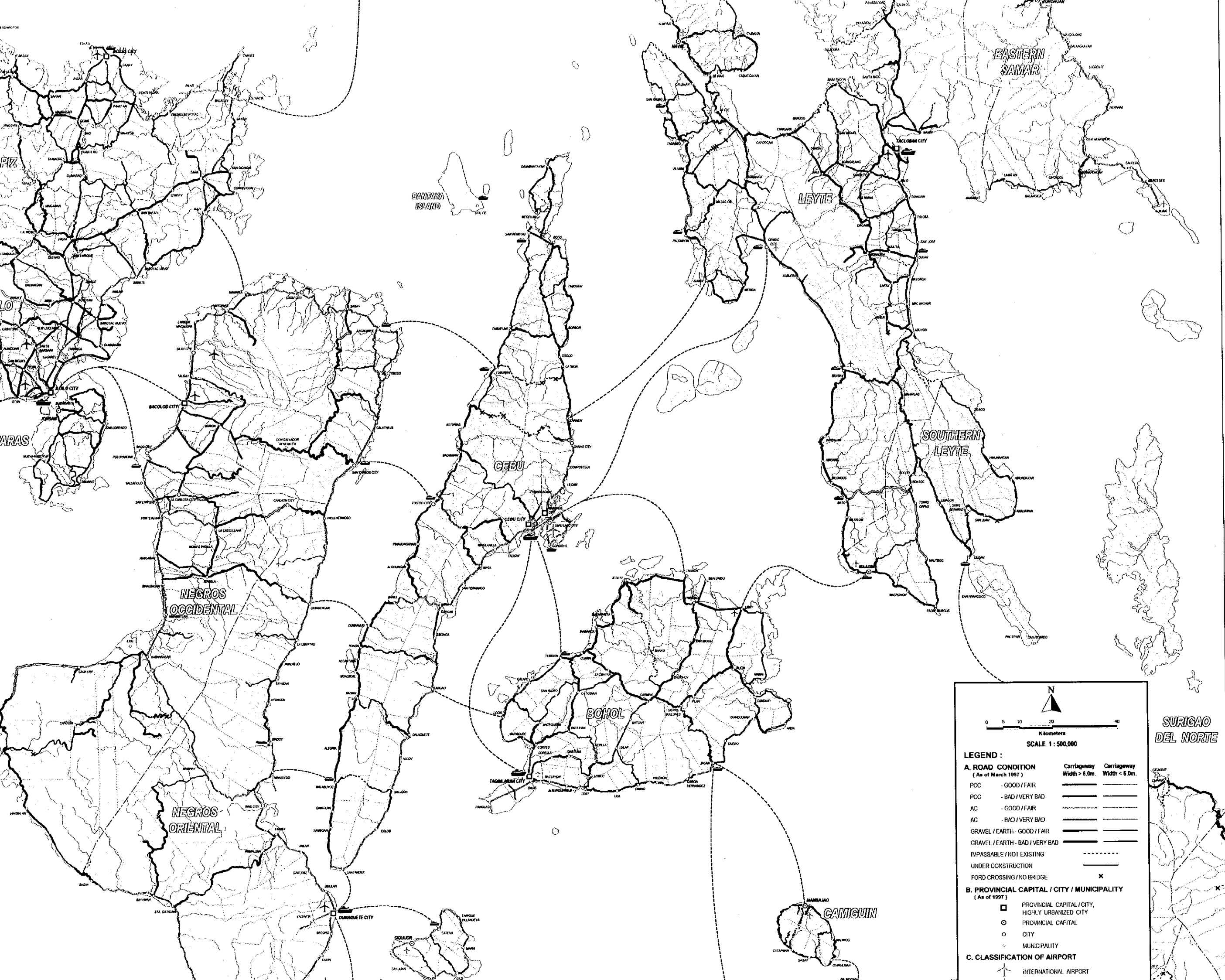


BANTAYA ISLAND

SURIGAO DEL NORTE



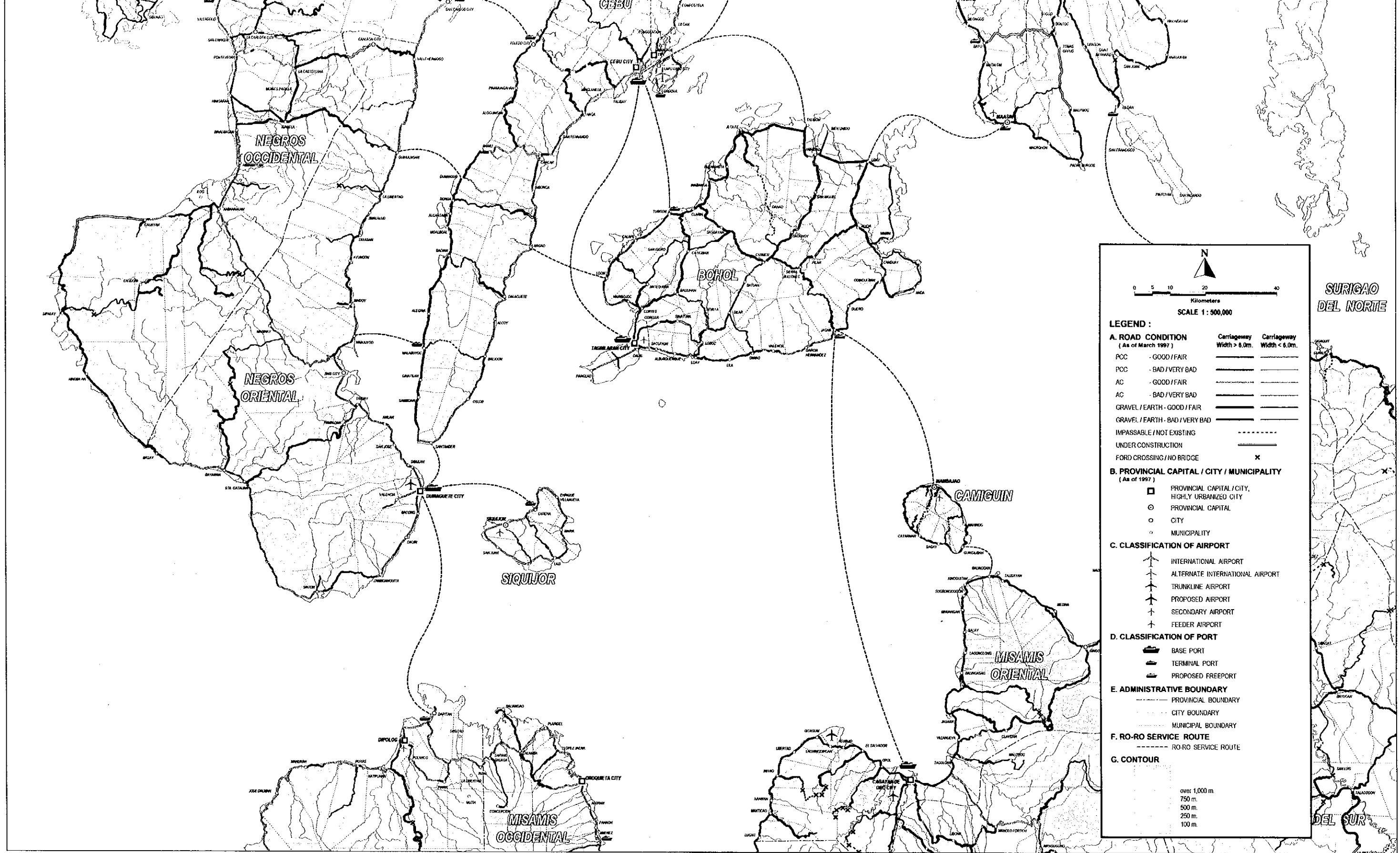
- LEGEND :**
- A. ROAD CONDITION**
(As of March 1997)
- | | | |
|---------------------------------|--------------------------|--------------------------|
| PCC - GOOD / FAIR | Carriageway Width > 6.0m | Carriageway Width < 6.0m |
| PCC - BAD / VERY BAD | | |
| AC - GOOD / FAIR | | |
| AC - BAD / VERY 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



LEGEND :

A. ROAD CONDITION (As of March 1997)		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		

**SURIGAO
DEL NORTE**



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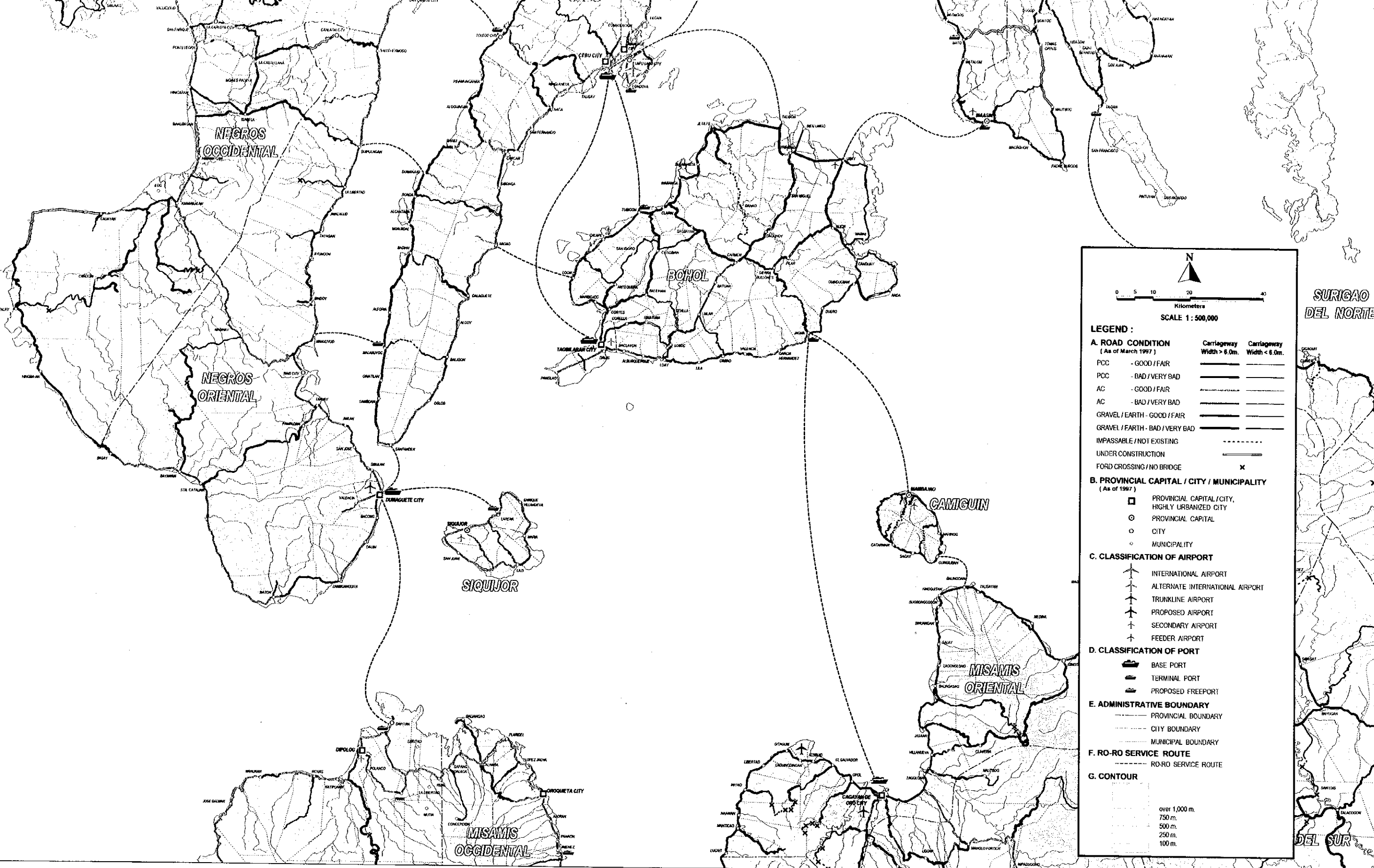
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 ISLANDS STRATEGIC ROAD DEVELOPMENT PROJECT
EXISTING ROAD CONDITION - 2



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FEBRUARY 1999



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

LEGEND :

A. ROAD CONDITION
(As of March 1997)

	Carriageway Width > 6.0m.	Carriageway Width < 6.0m.
PCC - GOOD / FAIR		
PCC - BAD / VERY BAD		
AC - GOOD / FAIR		
AC - BAD / VERY BAD		
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GRAVEL / EARTH - BAD / VERY BAD		
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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
- TRUNKLINE AIRPORT
- PROPOSED AIRPORT
- SECONDARY AIRPORT
- FEEDER AIRPORT

D. CLASSIFICATION OF PORT

- BASE PORT
- TERMINAL PORT
- PROPOSED FREEPORT

E. ADMINISTRATIVE BOUNDARY

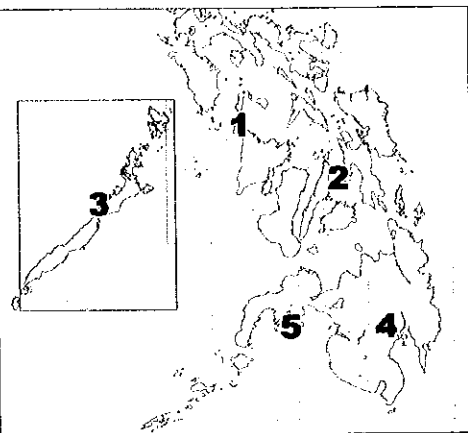
- PROVINCIAL BOUNDARY
- CITY BOUNDARY
- MUNICIPAL BOUNDARY

F. RO-RO SERVICE ROUTE

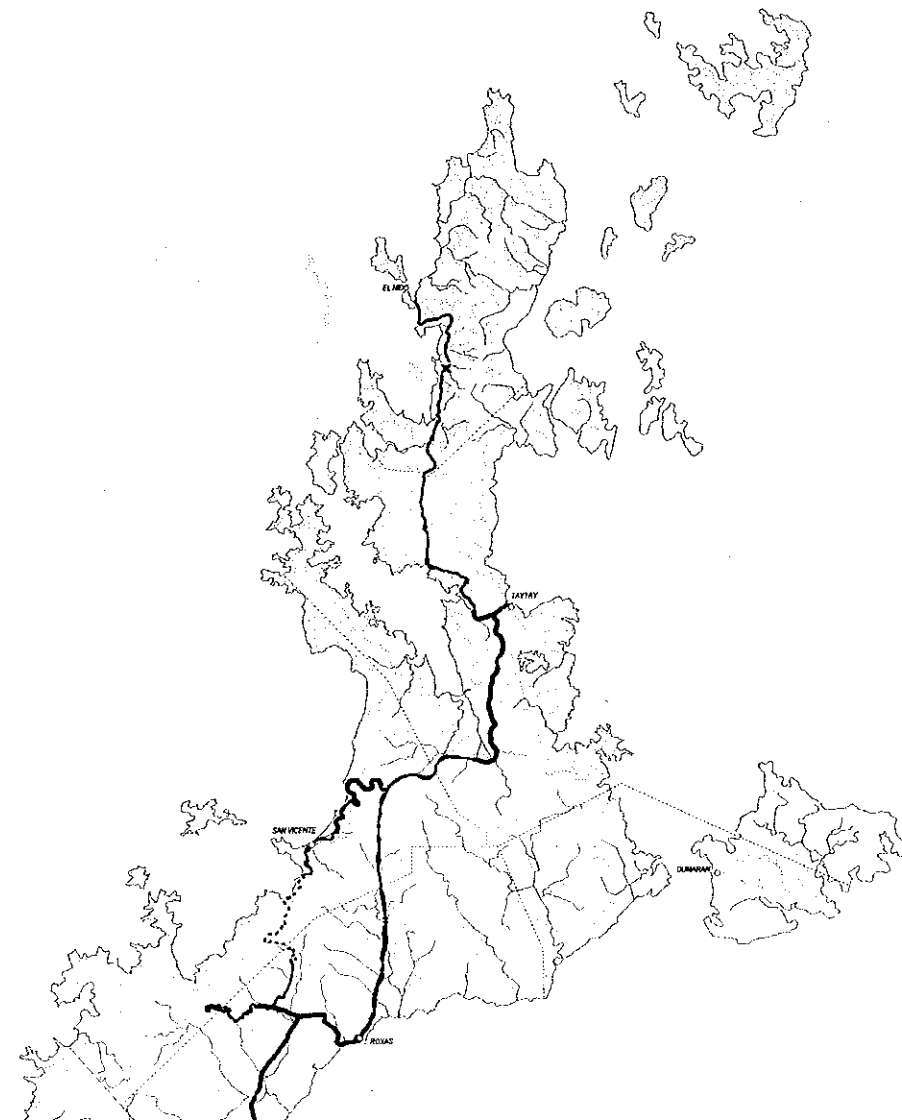
- RO-RO SERVICE ROUTE

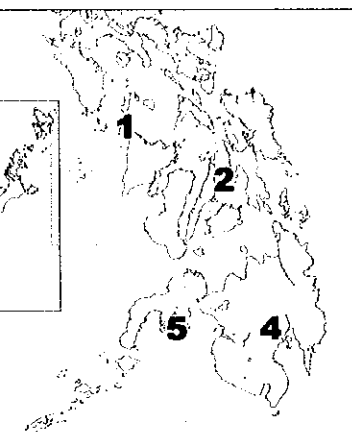
G. CONTOUR

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

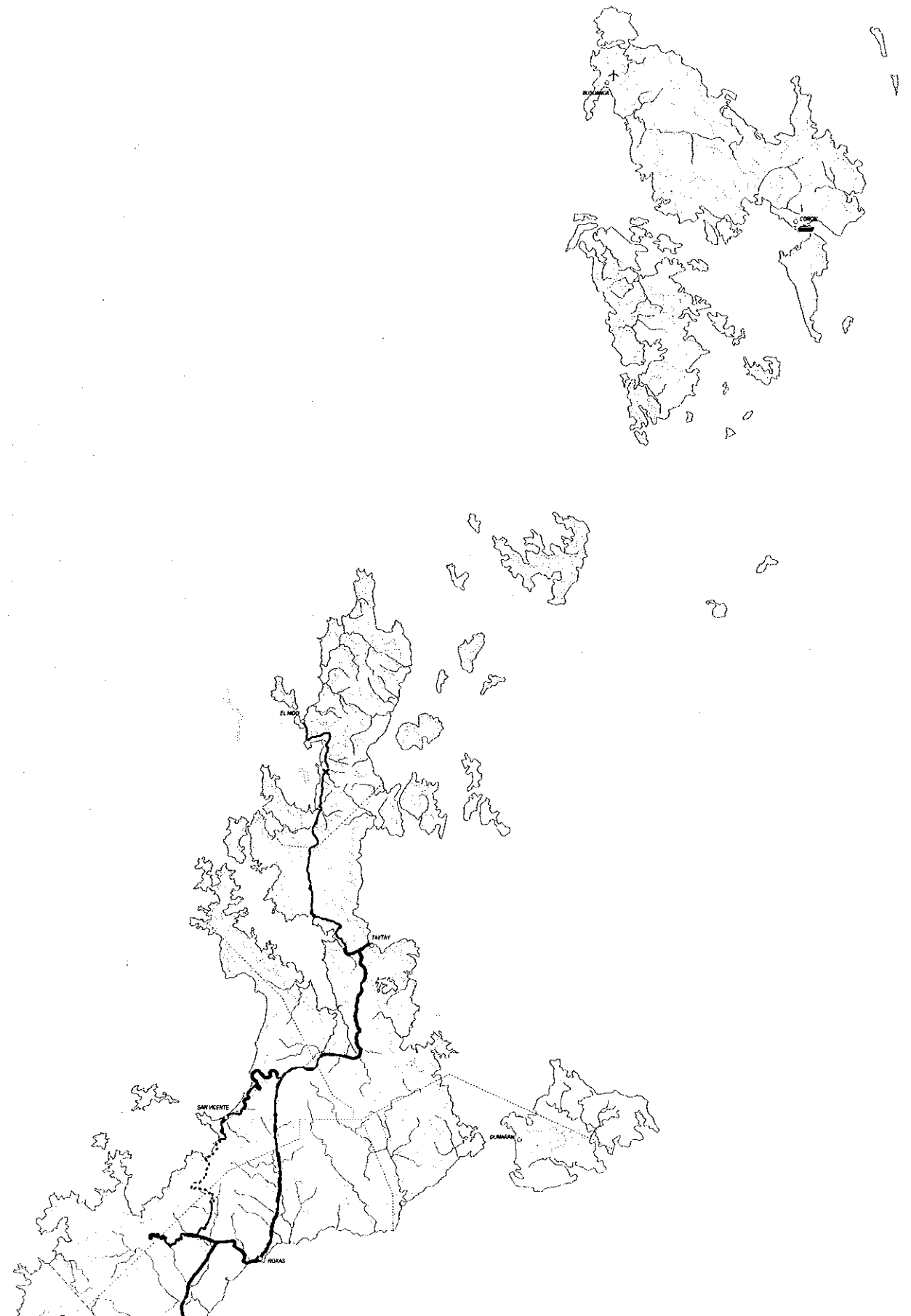


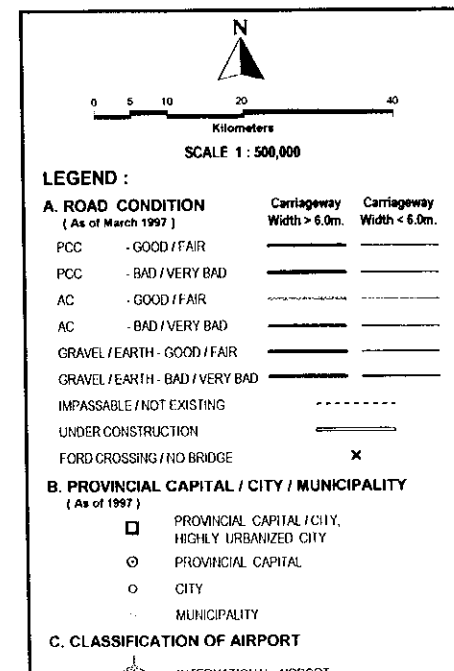
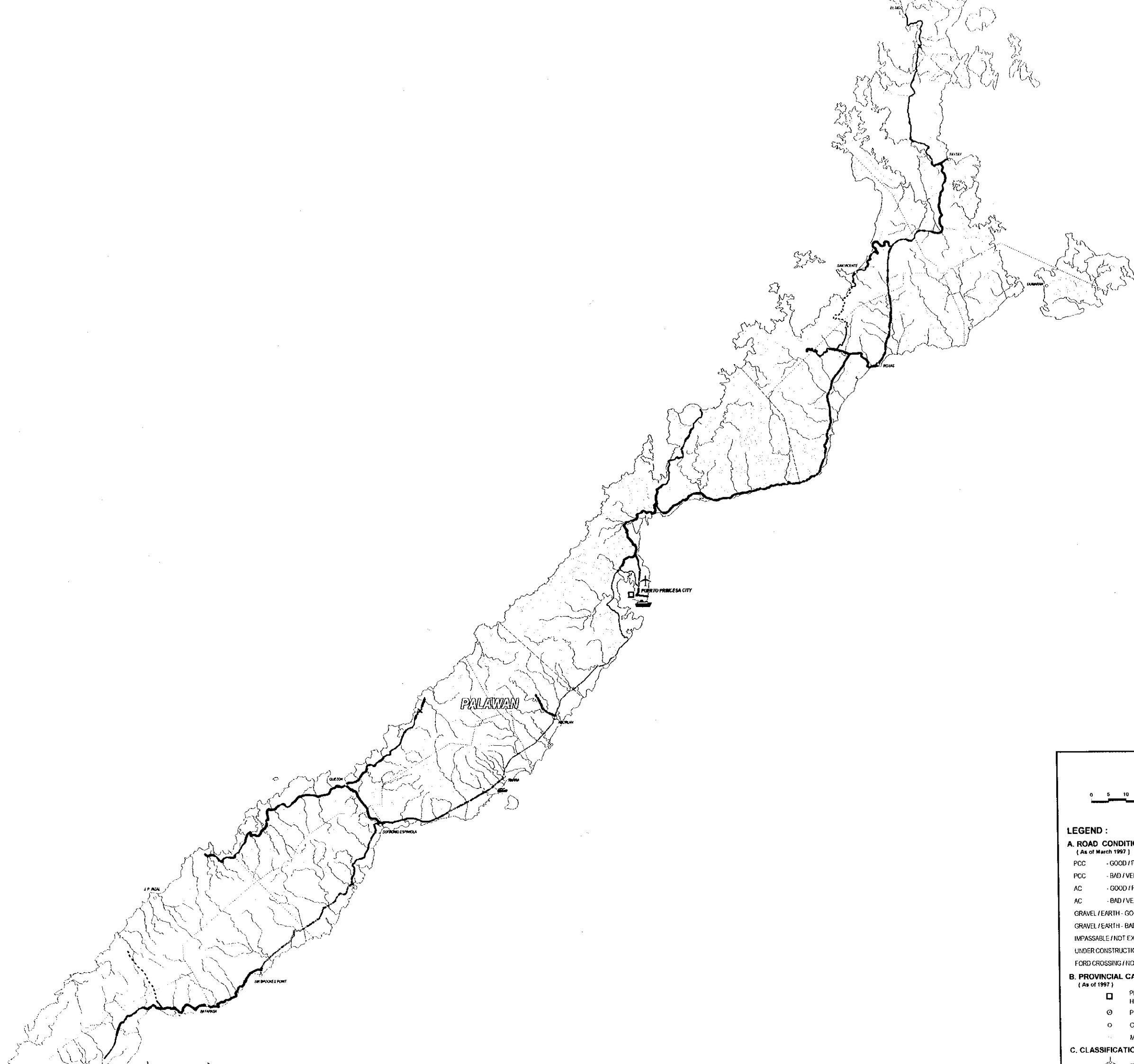
INDEX MAP

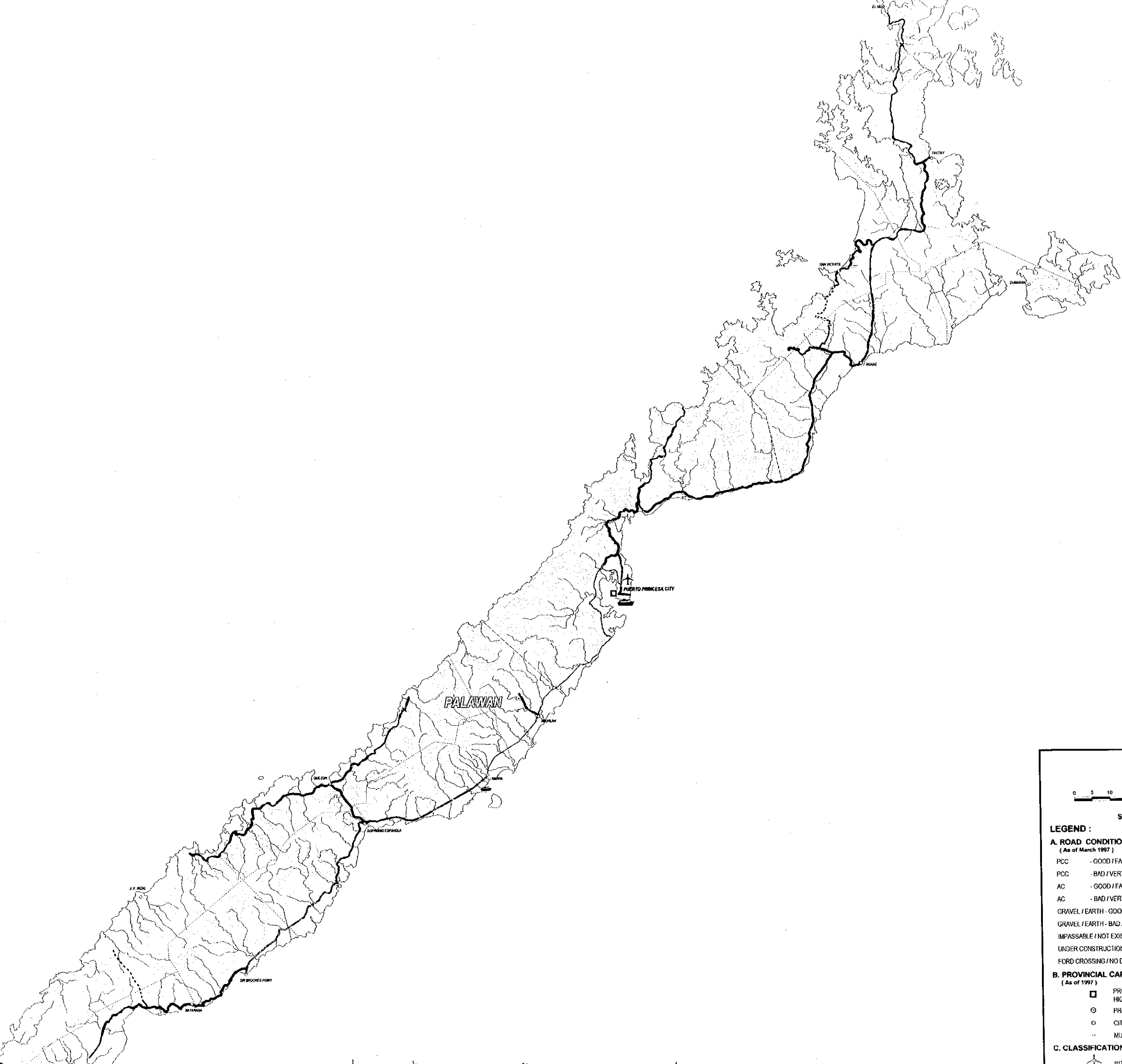




INDEX MAP







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

LEGEND :

A. ROAD CONDITION
(As of March 1997)

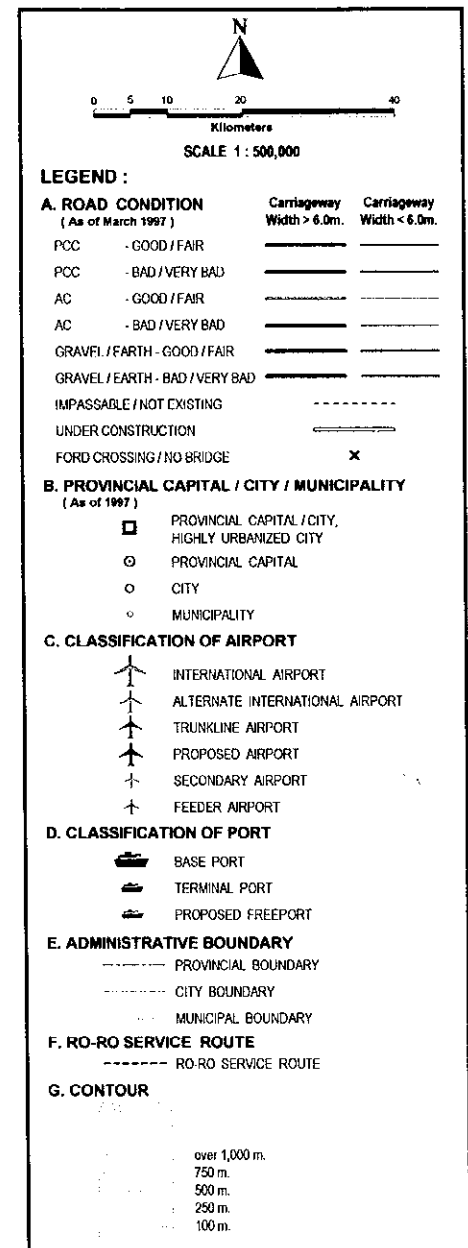
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PCC - BAD / VERY BAD	—————	—————
AC - GOOD / FAIR	—————	—————
AC - BAD / VERY BAD	—————	—————
GRAVEL / EARTH - GOOD / FAIR	—————	—————
GRAVEL / EARTH - BAD / VERY BAD	—————	—————
IMPASSABLE / NOT EXISTING	—————	-----
UNDER CONSTRUCTION	—————	-----
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

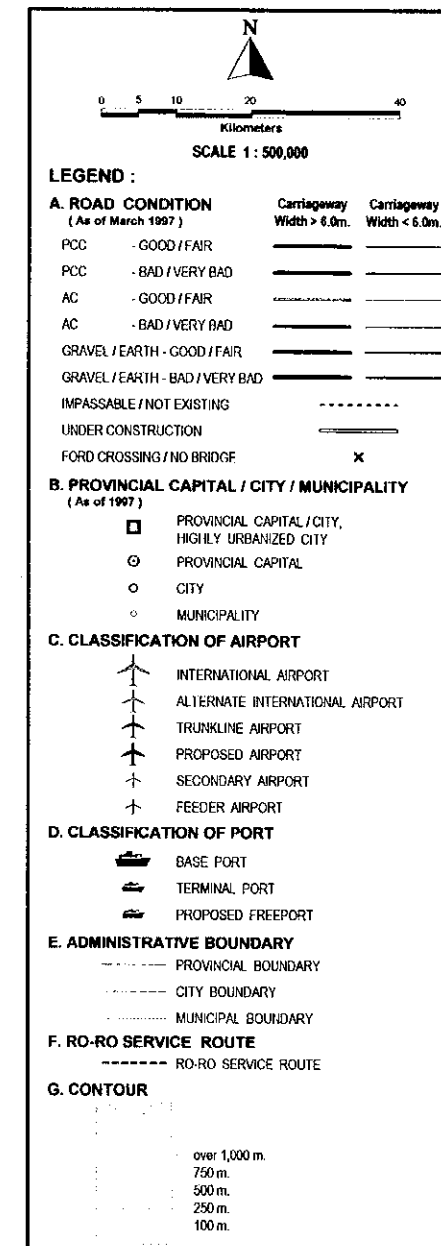


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 Republic of the Philippines
 DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS

MASTER PLAN STUDY ON VISAYAS AND MINDANAO ISLANDS STRATEGIC ROAD DEVELOPMENT PROJECT
EXISTING ROAD CONDITION - 3



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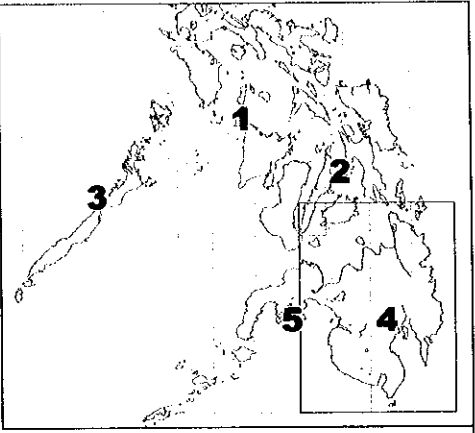
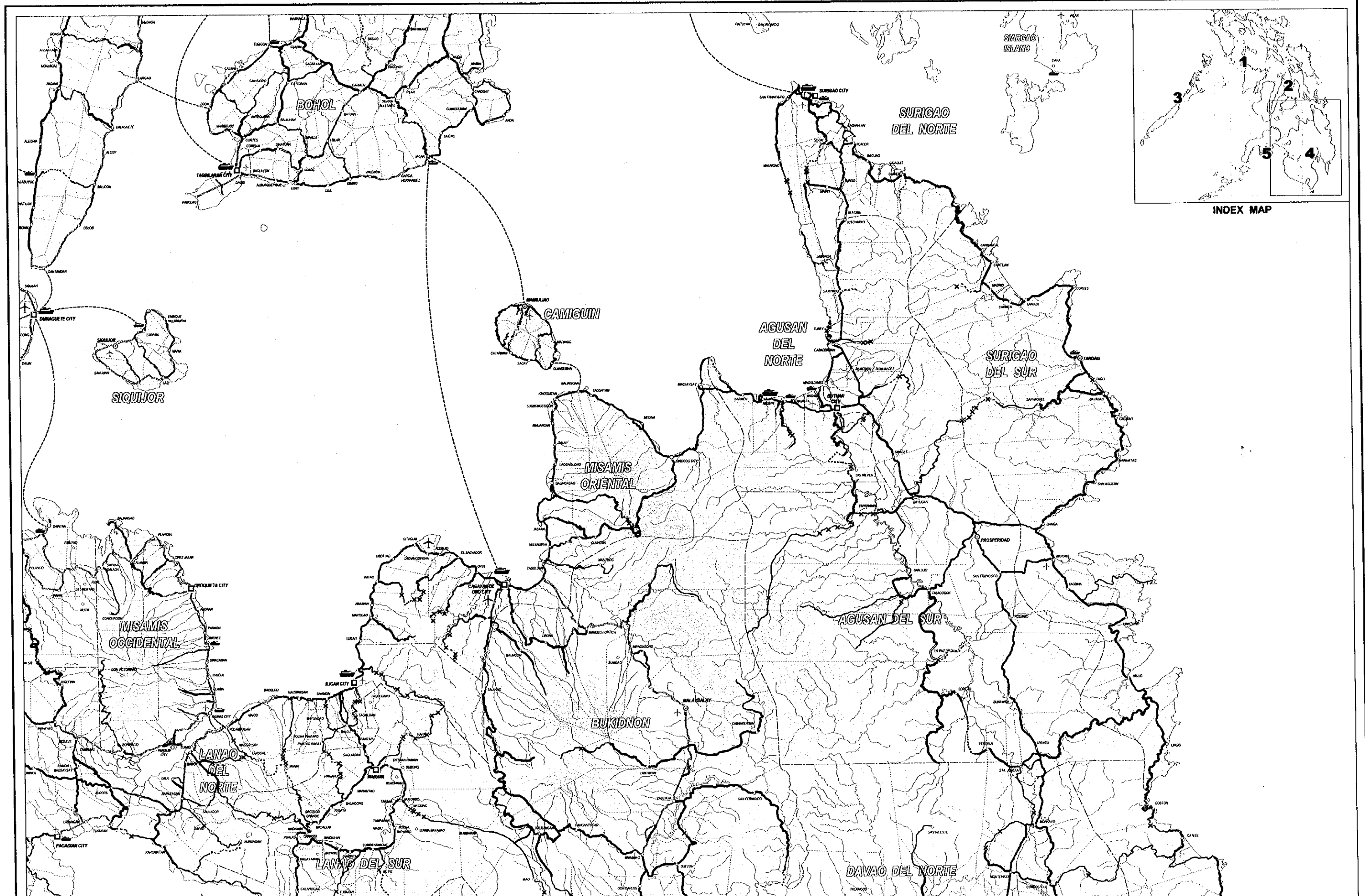


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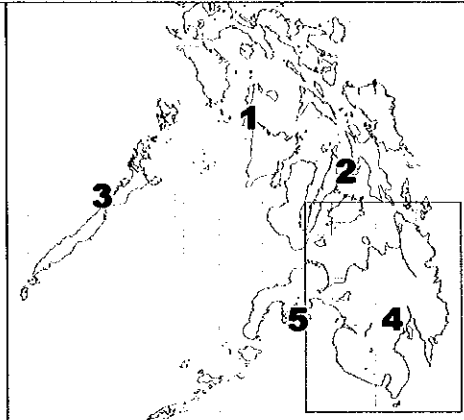
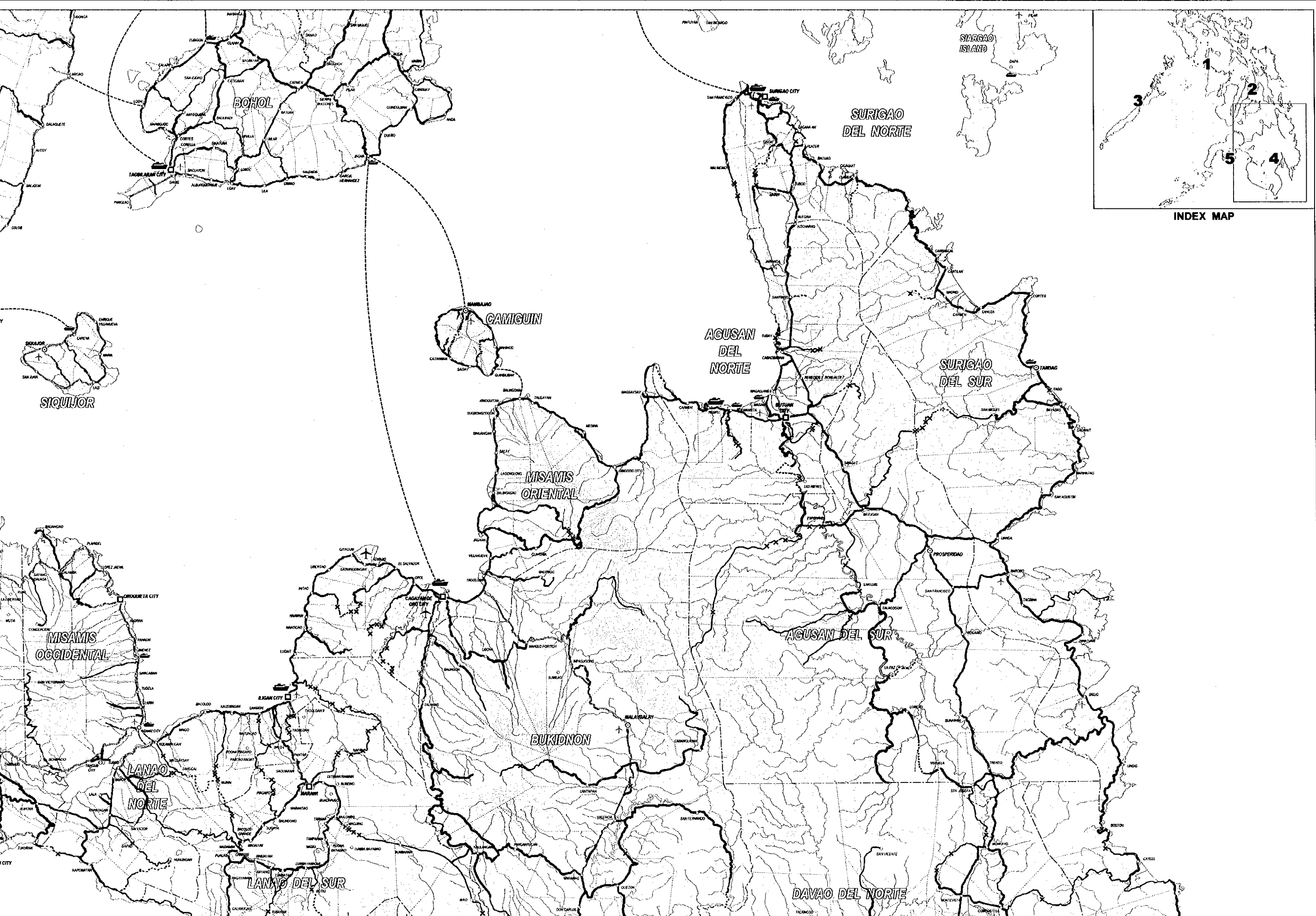
MASTER PLAN STUDY ON VISAYAS AND MINDANAO
 ISLANDS STRATEGIC ROAD DEVELOPMENT PROJECT
EXISTING ROAD CONDITION - 3

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 FEBRUARY 1999



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 1998)

	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)

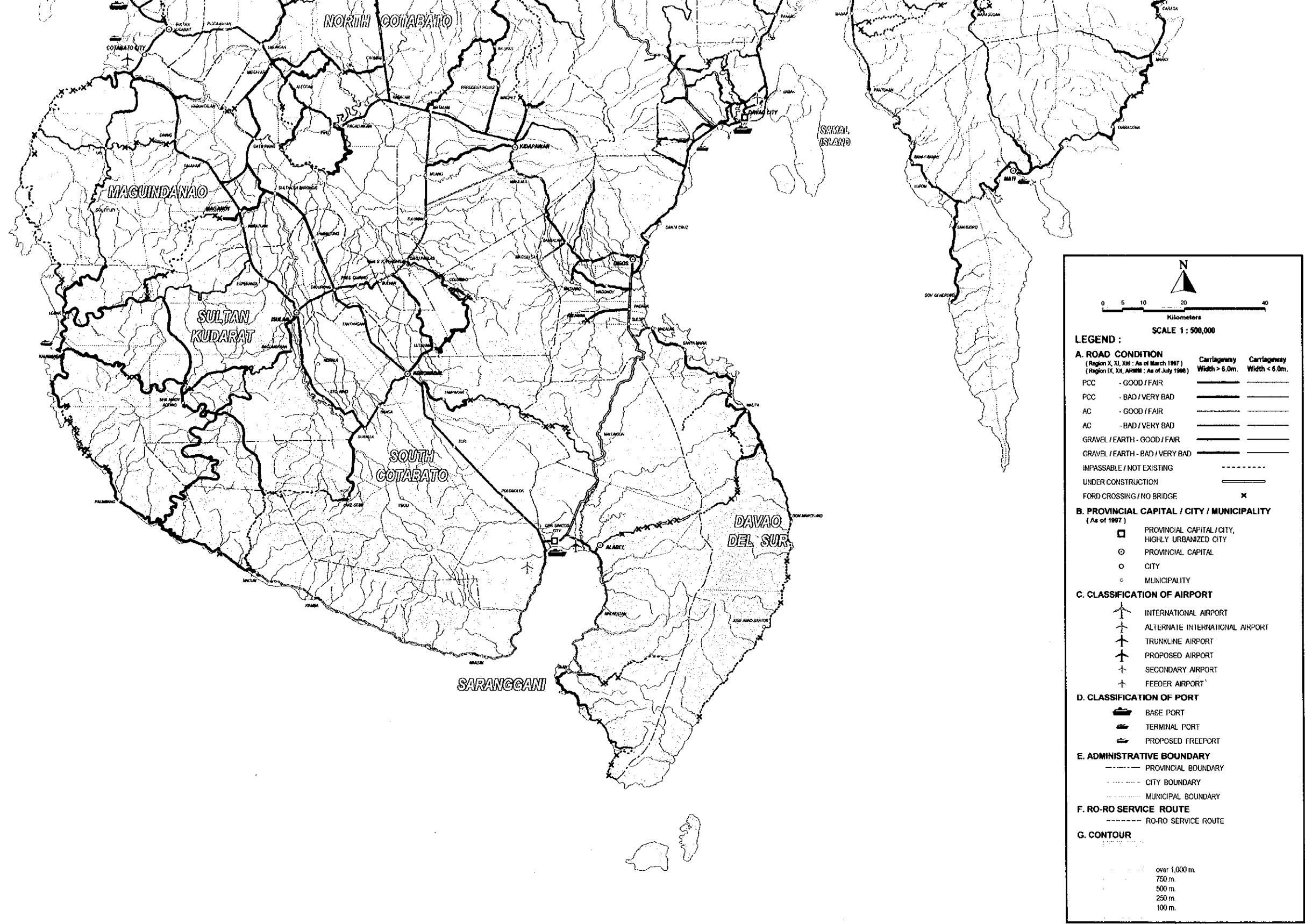
	Carriageway Width > 6.0m.	Carriageway Width < 6.0m.
PCC - GOOD / FAIR		
PCC - BAD / VERY BAD		
AC - GOOD / FAIR		
AC - BAD / VERY BAD		
GRAVEL / EARTH - GOOD / FAIR		
GRAVEL / EARTH - BAD / VERY BAD		
IMPASSABLE / NOT EXISTING		
UNDER CONSTRUCTION		
FORD CROSSING / NO BRIDGE		X

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



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MASTER PLAN STUDY ON VISAYAS AND MINDANAO
 ISLANDS STRATEGIC ROAD DEVELOPMENT PROJECT
EXISTING ROAD CONDITION - 4



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FEBRUARY 1999

