

2.5.5 TOURISM RELATED INDUSTRIES

The manufacturing of local goods focuses on a cottage industry which utilizes local materials and traditional techniques.

● Hand-Weaving

The hand-weaving of baskets and mats continues even in these days of assembly-line production. Since the craftsmen could never hope to compete commercially because of the labour intensive nature of their work, these handmade articles are not easy to obtain elsewhere. Village people weaving rattan and other natural materials on their verandas demonstrate local preferences and designs.

● Pottery

Watching a potter at work sitting on the ground in front of his hand spun wheel, one wonders how much techniques and styles have actually changed in the past hundreds, even thousands of years. Certainly the cord-mark decoration of ceramics, which are 3,000 years old, bear a remarkable resemblance to that which is currently being produced. The result produced when the potter presses his thumbs into the wet clay to create a raised scallop texture in the inside of the bowl seen today is also found on pieces of pottery uncovered at prehistoric man sites in the area.

● Batik

"Batik", a process popular in many countries, has found a unique manifestation in Phuket. One method involves dyeing and painting, another makes exclusive use of painting. What makes the Phuket batik special is the use of bright colors with a complex gradation of hues in designs inspired by the beauty of the artist's surroundings. Visitors can go into the workshop to observe the process of transforming a piece of pure white cotton into a wearable work of art at the Batik Center.

● Pearl

Shell

A shell processing center provides an interesting insight into the metamorphosis of an old barnacle-encrusted seashell into a beautiful glossy ornament. The other by-products of shell, besides the excellent meals made from them, are of course, pearls. At Naga Pearl Island is a well known cultivation farm where visitors can learn, from demonstration, of the lifecycle and cultivation of these beautiful gems.

● Rambutans, Sweet Pineapples, Coconuts and Seafood

Fortunately, some of the local products are not only pleasing to the eye; they are pleasing to the palate as well. Rambutans, and especially sweet pineapples and coconuts refresh those brave enough to try the spicy cuisine so famous in Southern Thailand. The seafood, probably Thailand's most delicious, is prepared in a variety of succulent styles.

● Rubber

Endless rows of rubber trees, although a common enough sight for Thai people, are of considerable interest to those whose countries do not produce this everyday household material.

These are only a few of the local goods produced in the area. Commerce will encourage craftsmen and artists to continue the local traditions and prevent the age old techniques from becoming extinct. The tourist, in turn, not only has an opportunity to purchase unique handicrafts; his purchase becomes more meaningful as he watches its production from beginning to end.

● Source of Benefit

A number of sectors benefit from tourism both directly and indirectly through the market mechanism. The tourist expenditure is the source of the benefit. Those sectors, namely tourism related industries, vary: most tourist expenditure is transferred directly to hotels, restaurants, retailing, transportation and other services, and indirectly to several types of manufacturing and other relevant sectors.

● Tourist Expenditure

According to the tourist expenditure survey conducted by TAT, shown in Table 2-5-2, apart from "accommodation", "shopping" is the major item of the expenditure (more or less 30%), followed by "food and drink" (around 20%). These two sectors are recognized as significant benefit receivers. In this sense, this section looks at ways of encouraging these two sectors in Greater Phuket.

1) RESTAURANTS

According to the business establishment statistics, shown in Table 2-5-3, there are about 500 restaurants in Greater Phuket, of which 50% are located in Phuket. It is noted that 95% of the restaurants are small-scaled (under 20 employees), as not much investment has been allocated in this business area yet.

In order to meet international tourist requirements, there is much room for improvement in terms of hygiene, variety of food and training of waiters. However, since most of the restaurant business is fundamentally run by the private sector with little capital, the official policies needed to push this sector need a bottom-up approach rather than a top-down approach. The following measures are recommended to be taken by the public sector in this sense:

● Improvement Measures

● Vocational School

a. To establish a vocational school for the hotel and restaurant business and supply trained personnel to this sector;

● Standard/Guidelines

b. to prepare standards/guidelines for equipment, facilities and services to maintain the recommended hygiene and service levels, and to publish a guide map of the restaurants which satisfy these standards; and

● Seminars

c. to provide occasionally seminars or instruction meetings for restaurant managers regarding the improvement and betterment of the business required to meet international requirements.

Besides the above measures, it is also recommended that an internationally famous large scale food center with a like "Fisherman's Wharf" in San Francisco and "Doyle's" in Sydney be developed as one of tourist spots in Phuket, by inviting both small- and large-scale private investment.

2) SOUVENIR SHOPS AND INDUSTRY

There are many small shops, including those selling jewelry and antiques, in Phuket, as shown in Table 2-5-4. Two large-scale souvenir shops (with 20-30 employees) have appeared on Highway Route 402. However, it is found that more than half of the merchandise at these shops has come from

outside Phuket, mainly from Chiang Mai, and some from the neighboring countries such as Burma and Malaysia. It is difficult to find original local souvenirs except some kinds of shell work and pearls.

Emphasis should be placed on encouraging the production of local products and on increasing their added value. The existing local souvenir products in Greater Phuket are mainly produced by the home manufacturing industry. There is also much room to improve the processing techniques, the package quality and the design of products for this purpose. It is recommended that technical assistance and guidance on design and processing be provided by foreign experts and designers.

Efficient product distribution and market exploitation is another issue. For this purpose, it is recommended that a "Souvenir Center" be established by the public sector. This center would have various roles to play in promoting and boosting the industry as a whole: as a technical, training and educational center as well as a sales center.

Another policy should be adopted in relation to local industry: the joint promotion of tourism and local industry. One of the potential activities is pearl culture farming in the islands surrounding Phuket Island, especially Naga Noi Island which is now becoming famous. Demonstrations and sales should be better encouraged to give tourists a more vivid image of "Pearl of the South", as Phuket has been named. Rubber and its processing is another potential activity in this context. A development proposal based on this is put forth in section 2.5.2, Village Tourism.

● Luck of Original Local Souvenir

● Guidance on Design and Processio

● Souvenir Center

● Pearl Culture and Rubber Process-
ing

TABLE 2-5-2 DISTRIBUTION OF TOURIST CONSUMPTION EXPENDITURE 1984-1986

Item	1984	1985	1986
Total	100.0	100.0	100.0
Accommodation	28.1	25.6	26.6
Food and Drink	20.5	19.2	16.9
Shopping	30.2	33.7	27.4
Entertainment	10.4	11.6	10.0
Local Transport and Tour	8.5	7.8	15.6
Miscellaneous	2.3	2.1	3.5

Source : A tourist Consumption Expenditure and Attitudes Survey, TAT

TABLE 2-5-3 NUMBER OF RESTAURANTS, EATING AND DRINKING PLACES BY SIZE OF PERSONS ENGAGED 1984

	Total	Under 5 prs	9-5	19-10	20-49	No person engaged
Phuket	260	159	66	23	9	3
Phang Nga	151	100	43	7	1	-
Krabi	91	64	20	6	-	-
Total	501	323	129	36	10	3

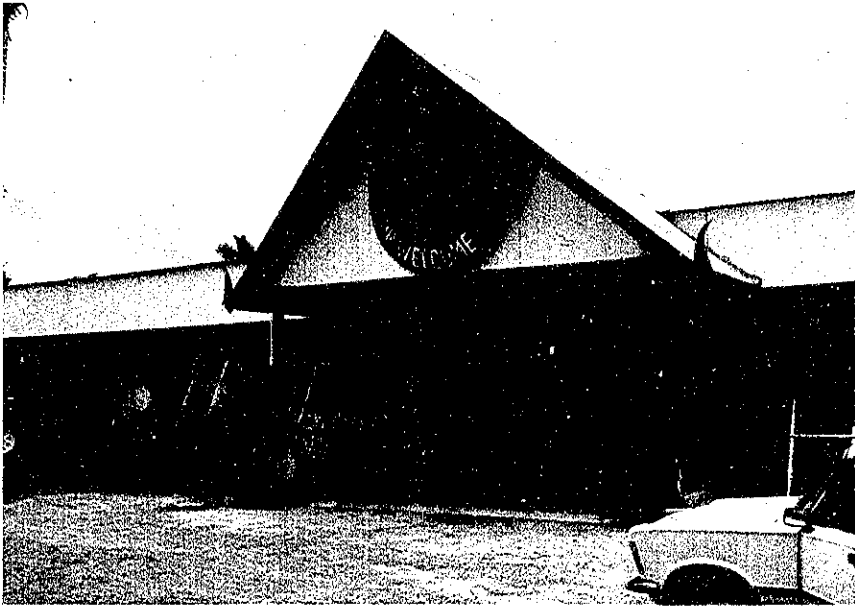
Source : Summary Statistics, 1984, Business Establishment, Southern Region

TABLE 2-5-4 NUMBER OF BUSINESS ESTABLISHMENTS BY SIZE OF PERSONS ENGAGED 1984

	Total	- 4	5 - 9	10 - 19	more than 100
1) Department Store					
Phuket	5	2	1	1	1
Phang Nga	0	0	0	0	0
Krabi	2	0	1	1	1
Total	7	2	2	2	0
2) Wearing Apparel and Accessory					
Phuket	65	60	5	0	0
Phang Nga	77	65	11	1	0
Krabi	30	30	0	0	0
Total	172	155	16	1	0
3) Furniture and Fixture					
Phuket	23	16	6	1	0
Phang Nga	21	20	1	0	0
Krabi	13	12	1	0	0
Total	57	48	8	1	0
4) Thai Handicraft Shops					
Phuket	28	26	2	0	0
Phang Nga	0	0	0	0	0
Krabi	0	0	0	0	0
Total	28	26	2	0	0
5) Jewelry					
Phuket	20	18	2	0	0
Phang Nga	15	15	0	0	0
Krabi	5	4	1	0	0
Total	40	37	3	0	0

Source: Summary Statistics, 1984, Business Establishment, Southern Region

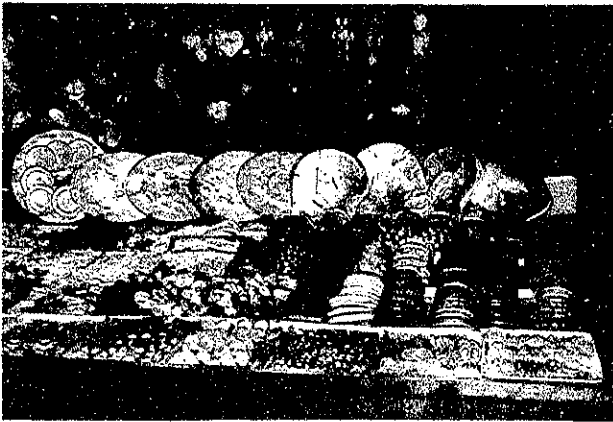
TOURISM RELATED INDUSTRY



Handicraft Center (Phuket)



Thai Village (Phuket)



Souvenir Shop



Shell Processing



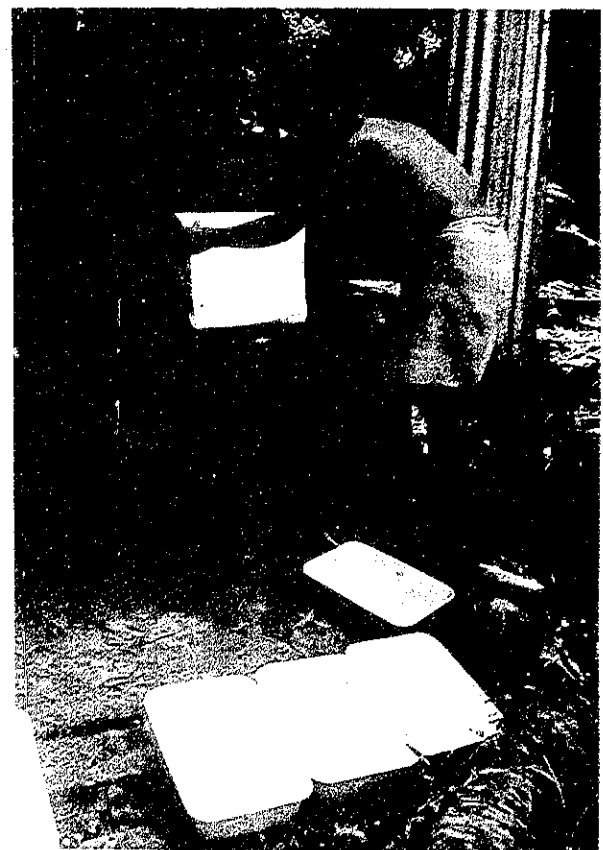
Shell Processing



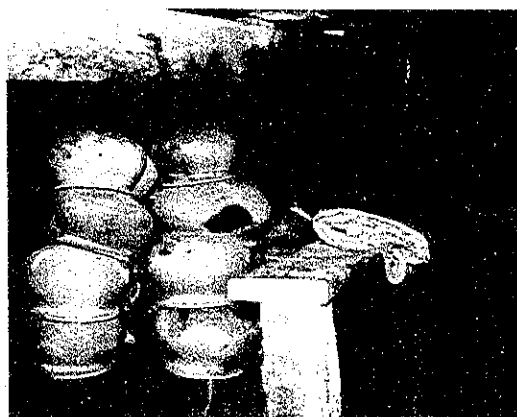
Pottery Making



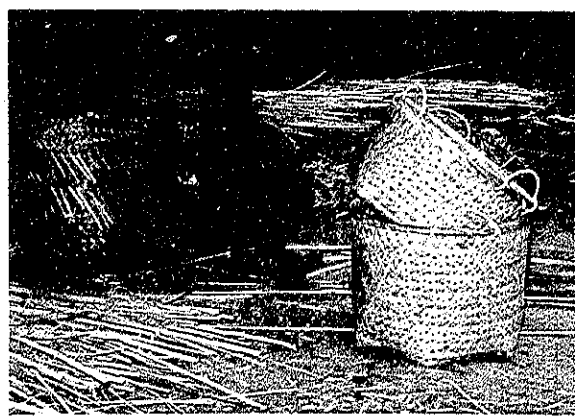
Pottery Completion



Extracted Water from Latex



Pottery Wares



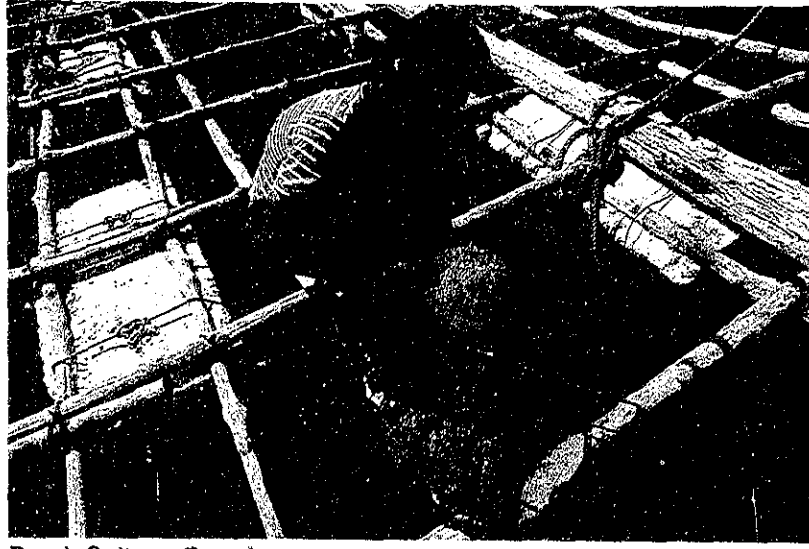
Rubber Sap Gathering



Latex Forming-Preparation



Pearl Oyster*



Pearl Culture Farm*



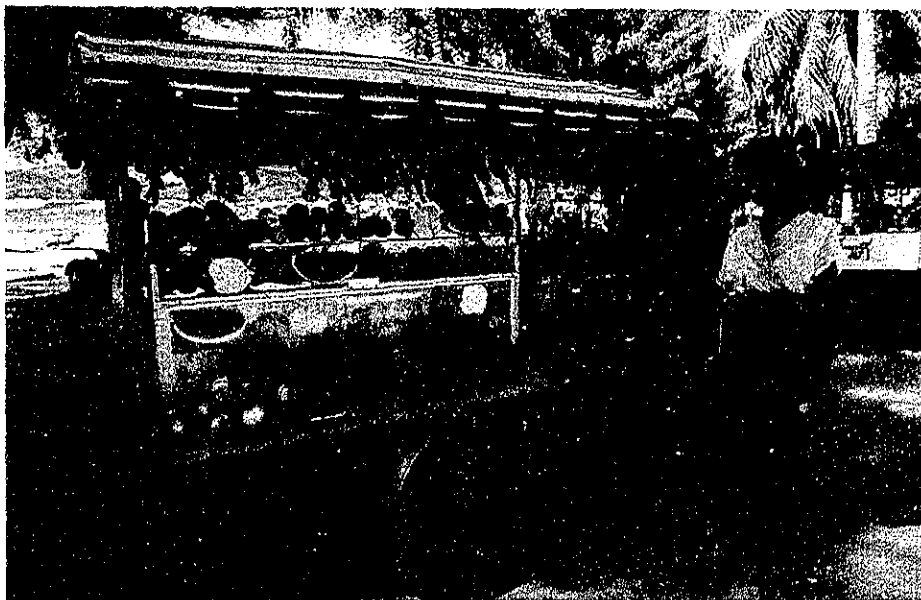
Pearl Culture Farm*



Cashew Nut Factory



Cashew Nut Stock



Typical Stall in Phuket*



Tropical Fruits



Fresh Sea Food



Pewter Ware*



Orchid Garden

* Source: 'PHUKET' by ASIA BOOKS

2.6 TOURISM PROMOTION

2.6.1 MARKET CHARACTERISTICS

In order to gather information on the characteristics of international tourists for a more detailed market analysis, the questionnaire survey was conducted in the stream of the Study in July and August, 1988. The survey was carried out at three major destinations in Thailand; Bangkok, Pattaya and Phuket, so that a comparative analysis could be made.

The questionnaire to be used in the survey was prepared by the Study Team in Japanese and English. A list of hotels in Bangkok, Pattaya, and Phuket was presented by the Study Team and Thai Consultant with the expected number of tourists to be interviewed in each hotel.

Eight hundred samples were distributed, of which 400 were for Japanese tourists and 400 for other foreign tourists. The number of samples collected was 737, giving a return rate of 92%. Detailed analyses based on the results of the survey are shown in VOL. III, Chapter 2.2.6, SALES PROMOTION PROGRAM.

2.6.2 TOURISM PROMOTION PROGRAM

The followings are the major conclusions and recommendations on tourism promotion program for Southern Region.

● Greater Phuket

1) To introduce accommodation facilities, spatial developments and supporting functions to the region which will adequately satisfy the demand and needs of extended length of stay visitors and at the same time will encourage expansion of visitor movement within the region (formation of the Greater Phuket Tourism Region including Phang Nga and Krabi) and diversification of the quality and service in the tourism resort complex.

● Information Materials

2) To provide and assure shorter length of stay visitors with a maximum pattern of tourism activities within the subregion, specifically selected for such visitors.

3) To provide major gateway terminals in Phuket (Bangkok Airport, long-distance bus terminal, etc.) with up-to-date information materials about Phuket (Phuket currently being a favored destination of "non-packaged" visitors). Similar terminal information is also urgently needed in Phuket.

4) To anticipate the basic movement of visitors in groups of 3-5 persons in planning the spatial developments and their supporting facilities (in contrast to the existing condition in Pattaya where various facilities and functions are provided to cater for every and all behaviors of visitors, whether they move in large groups or walk about alone).

5) Tourist services to be offered should be of such a nature as to fulfill basic requirements and should not have too many frills (Most Phuket visitors are seasoned tourists who regard frills as unnecessary and unworthy of their spending).

● Represent All Thailand

6) To promote Phuket as a destination representing and covering tourist attractions typical of all Thailand. This approach will be effective in Occidental markets in particular, where Phuket is one of many long-distance tour destinations. Phuket must have facilities and services of a cultural and tourist nature as museums, art centers, and handicraft centers representing all Thailand.

7) To fully utilize the various resources (natural, cultural) available in the region, since although they are seasoned tourists, most visitors are first timers to Phuket.

● Convention Tourism

8) At present, only a very small number of visitors come to Phuket on business and/or business/holiday combined. In order to invite convention tourism, Phuket has to provide large scale hotels with competent supporting facilities and services for conventions/congresses/meetings. Rapid expansion in the volume of visitors will be the prerequisite for high and profitable operation of these facilities.

● "Environment"

9) "Environment" is Phuket's key selling point. Environmental evaluation must govern the scale, layout, design, height, color scheme, etc. of the aforementioned facilities.

● Bungalows with "Clean & Simple"

10) Bungalows will remain attractive accommodation if a minimum standard of "clean and simple" at reasonable price is maintained. Proliferation of "cheap and shabby" bungalows will have an adverse effect on the promotion of the tourist image of Phuket.

● Meals and Services

11) Although the standard of the guest rooms available in Phuket is fairly high, there is room for improvement in the meals and the facilities/services by which they are served. There is an urgent need for a public-funded training institute.

● Urgent Programs

12) Some of the areas where improvement is urgently required are:

- a. Diving - the location and promotion of ideal diving spots
- b. Development of Phuket Town as a tourist center
- c. Development of fully qualified golf courses

- 13) No apparent dissatisfaction has been observed among visitors with regard to "souvenir", probably because Phuket is a destination mainly for recreations, and visitors do not expect much of souvenir hunting in Phuket. It is likely that the demand for daily necessities will increase as the number of extended length stay visitors to Phuket increases.
- 14) Demand for restaurants is very high. Areas of improvement are:
 - a. A wider variety of restaurants/menu to be offered to extended stay visitors
 - b. More sophistication in presentation and serving
 - c. Improvements in waiting service
 - d. Creation/greater sophistication of local dishes, utilizing local materials unique to Phuket
- 15) Top priority should be given to the conservation of the beach front, including artificial measures where necessary, to reinstate the natural condition/environment.
- 16) For the Japanese market, Phuket is best packaged with stops in such tourist centers/shopping centers as Bangkok, Singapore, Hong Kong, etc. The Philippines and Malaysia will be destinations competing with Phuket, although Malaysia falls behind Thailand in the variety of tourism resources.
- 17) Improvement/betterment of Phuket Town as a tourism center will be effective in attracting every and all types of visitors regardless of their nationalities. No seasonal influence affects Phuket Town tourism, while beach holiday tourism is greatly influence by seasonal conditions (the monsoon in particular).
- 18) Models of movement patterns in the Greater Phuket region have to be demonstrated, ranging from a minimum of 4 nights and 5 days.
- 19) Classification of information by target:
 - a. Information aimed of direct consumers (tourists)
 - b. Information aimed at the trade (travel agencies, airlines, tourism organizations)
 - c. Information aimed at segmented source markets
 - d. Information aimed at special interests

● Shopping of Daily Necessities

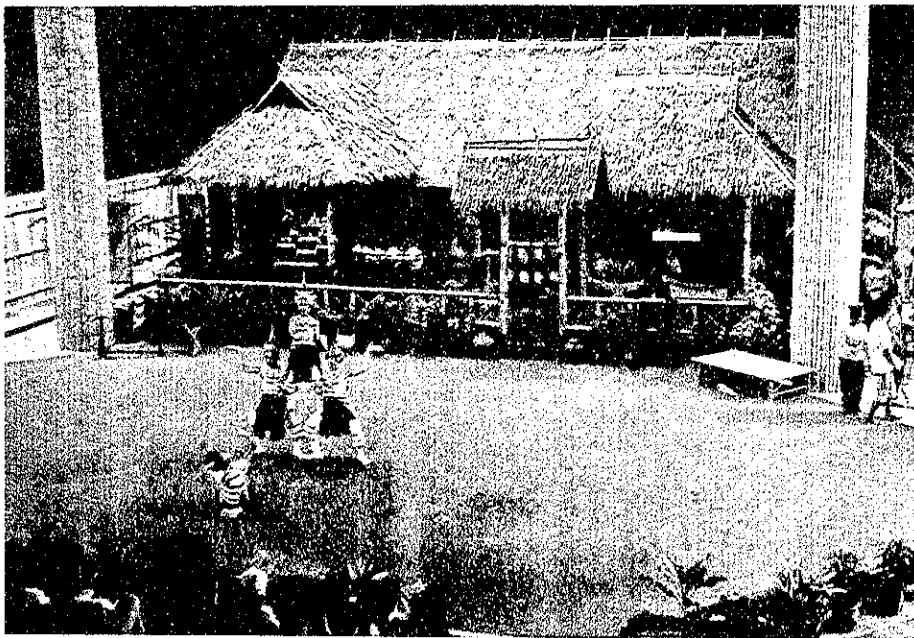
● Tourist Restaurant

● Package Involving Shopping

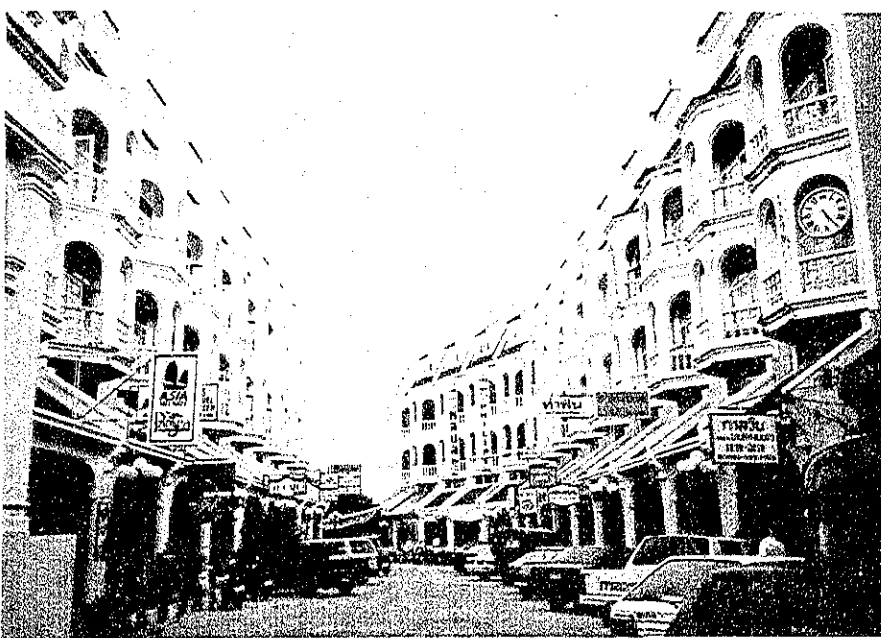
● Town Tourism

● Tour Routes

● Tourist Information



Performance at Thai Village, Phuket City



Rassada Shopping Center, Phuket City

2.7 PLAN AND PROJECTS TO BE IMPLEMENTED

2.7.1 PROJECT MENU

TABLE 2-7-1 SUMMARY OF PROJECT MENU PHASE I, II, III

NO.	INFRASTRUCTURE PROJECT	PROJECT NO.
- PHUKET -		
PHUKET SOUTH - BEACH (PHT/S-B)		
1	Karon Sewage Treatment.....	211
2	Kata Sewage Treatment	212
3	Patong Soi Thaweewongse Road Total 337 m.....	221
4	Patong Soi Sawadeerak Road Total 400 m.....	222
5	Karon Road & Bridge Improvement.....	223
6	Chalong Junction-Karon/Kata Rt. 4028.....	224
	Total 6.5 km	
7	Town-Patong Rt. 4020/4029 Total 12 km.....	225
8	○ Phuket South Beach-Nakhate Stop-Over Port.....	231
9	○ Phuket South Beach-Nai Han Stop-Over Port.....	232
10	☆ Link Road Erosion Protection Total 18 km.....	241
PHUKET SOUTH - TOWN (PHT/S-T)		
11	Phuket Town Sewage Treatment Management.....	211
PHUKET SOUTH - OTHERS (PHT/S-O)		
12	Phuket South-Laem Nga Stop-Over Port.....	231
13	Phuket Whole Area Solid Waste Management.....	251
PHUKET NORTH - BANG THAO (PHT/N-B)		
14	Thalang-Bang Thao Rt. 402-4030/40301.....	221
	Total 5.5 km	
15	Dusit Laguna Resort Complex Infrastructure.....	322
PHUKET NORTH - THA CHAT CHAI (PHT/N-C)		
16	Tha Chat Chai Stop-Over Port.....	231
17	Prem Resort Complex Infrastructure.....	322
PHUKET NORTH - OTHERS (PHT/N-O)		
18	○ Phuket North-Ao Po Stop-Over Port.....	231
PHUKET WHOLE AREA (PHT/W)		
19	☆ Phuket South Water Supply Management.....	411
20	☆ Phuket North Water Supply Management.....	412
21	☆ Thai Muang Water Intake / Driving Pipe.....	413
22	◆ National and Regional Roads Committed.....	421
23	◆ National and Regional Roads.....	422
	Rt. 4026 (Airport Access) 5 km	
24	◆ Local Roads Committed Improvement.....	423
25	Local Roads New Construction in Patong.....	424
26	National and Regional Roads.....	425
	E-W Link : Rt. 402 Improvement	
27	National and Regional Roads.....	426
	E-W Link : Phuket New Bridge	
28	National and Regional Roads.....	427
	E-W Link : By-Pass (Thap Put)	
29	National and Regional Roads.....	428
	E-W Link : New Road (Phanom-Phun Phin)	
30	☆ Phuket Airport Development of.....	431
	Parallel Taxiway	
31	☆ Phuket Airport Expansion of Runway Strip.....	432
32	☆ Phuket Airport Installation of M.L.S.....	433
33	☆ Phuket Airport Replantation of Trees.....	434
34	☆ Phuket Airport Replacement of Access Road.....	435
35	☆ Phuket Airport Landscaping.....	436
- PHANG NGA -		
PHANG NGA WEST - THAI MUANG (PNG/W-T)		
36	Phang Nga West-Thai Muang.....	211
	Sewerage Treatment Management	
37	Phang Nga West-Thai Muang Local Road.....	221
38	Phang Nga West-Thai Muang Inner Road.....	222
39	○ Phang Nga West-Thai Muang Stop-Over Port.....	231
40	Phang Nga West-Thai Muang.....	241
	CoastLine Protection (1 km Pilot)	
41	Phang Nga West-Thai Muang.....	251
	Solid Waste Management	
42	○ Phang Nga West-Thai Muang.....	261
	Water Supply Management	
PHANG NGA BAY (PNG/B)		
43	○ Phang Nga Bay Stop-Over Port.....	231
	2 Locations (Tub La Mu / Similan)	
44	Phang Nga Bay Stop-Over Port.....	232
	3 Locations (Khlong Thong / Kala)	
- KRABI -		
KRABI (KRB)		
45	Krabi Stop-Over Port.....	232
	2 Locations (Ao Luk / Phi Phi)	
46	Krabi Stop-Over Port.....	233
	3 Locations (Laem Thai Peat / Hang Ngai)	
KRABI WHOLE AREA (KRB/W)		
47	Krabi Airport Runway Winding and Overlay.....	431
48	Krabi Airport Expansion of Runway Strip.....	432
49	Krabi Airport Terminal and Access Road.....	433
NO.	RESORT PROJECT	PROJECT NO.
- PHUKET -		
PHUKET SOUTH - BEACH (PHT/S-B)		
1	Phuket South Beach Resort Hotel.....	100
2	Patong Beach Fire Fighting Station.....	321
PHUKET SOUTH - CHALONG (PHT/S-C)		
3	Phuket South-Chalong Bay Resort Hotel.....	100
4	○ Chalong Bay Primary Port/Marine Center.....	231
5	○ Chalong Bay Hovercraft & Storage.....	232
PHUKET SOUTH - TOWN (PHT/S-T)		
6	Phuket Town Hotel.....	100
PHUKET NORTH - BANG THAO (PHT/N-B)		
7	Phuket North-Bang Thao Resort Hotel.....	100
8	⊕ Dusit Laguna Resort Complex 1,300 Rai.....	321
PHUKET NORTH - HAT NAI (PHT/N-H)		
9	Phuket North-Hat Nai Yang Resort Hotel.....	100
10	Hat Nai Yang Secondary Port.....	231
11	○ Hat Nai Yang Training Center.....	312
PHUKET NORTH - THA CHAT CHAI (PHT/N-C)		
12	Phuket North-Tha Chat Chai Resort Hotel.....	100
13	⊕ Tha Chat Chai Prem Resort Complex.....	321
	Total 2,800 Rai	
- PHANG NGA -		
PHANG NGA WEST - KHOK KLOI (PNG/W-K)		
14	○ Phang Nga West-Khok Kloi Resort Hotel.....	100
15	Phang Nga West-Khok Kloi	311B
	Multi-Purpose Open Ground	
16	Phang Nga West-Khok Kloi Seaside Promenade.....	311C
17	Phang Nga West-Khok Kloi Open Space.....	311D
18	○ Phang Nga West-Khok Kloi Transportation Center....	321
PHANG NGA WEST - THAI MUANG (PNG/W-T)		
19	Phang Nga West-Thai Muang Resort Hotel.....	100
20	Phang Nga West-Thai Muang.....	313A
	Tourist Center	
21	Phang Nga West-Thai Muang Business Park.....	313B
22	○ Phang Nga West-Thai Muang Shopping Promenade....	313C
23	○ Phang Nga West-Thai Muang Restaurant Plaza.....	313D
24	Phang Nga West-Thai Muang Marine Sports Center... 313E	
25	Phang Nga West-Thai Muang Open Space.....	313F
26	Phang Nga West-Thai Muang Sports Complex.....	314A
27	Phang Nga West-Thai Muang Pool garden.....	314B
28	Phang Nga West-Thai Muang Open Space.....	314C
29	Phang Nga West-Thai Muang.....	315A
	Championship Golf Course	
30	Phang Nga West-Thai Muang Villa Plaza.....	315B
31	Phang Nga West-Thai Muang Open Space.....	315C
32	Phang Nga West-Thai Muang.....	316A
	Convention Park	
33	Phang Nga West-Thai Muang.....	316B
	Vocational School and Hotel	
34	○ Phang Nga West-Thai Muang International Park.....	316C
35	Phang Nga West-Thai Muang.....	316D
	Tropical Garden Complex	
36	Phang Nga West-Thai Muang Open Space.....	316E
37	○ Phang Nga West-Thai Muang Golf Course.....	317A
38	○ Phang Nga West-Thai Muang.....	317B
	Water Recreation Park	
39	○ Phang Nga West-Thai Muang Recreational Ground....	317C
40	○ Phang Nga West-Thai Muang Shopping Arcade.....	317D

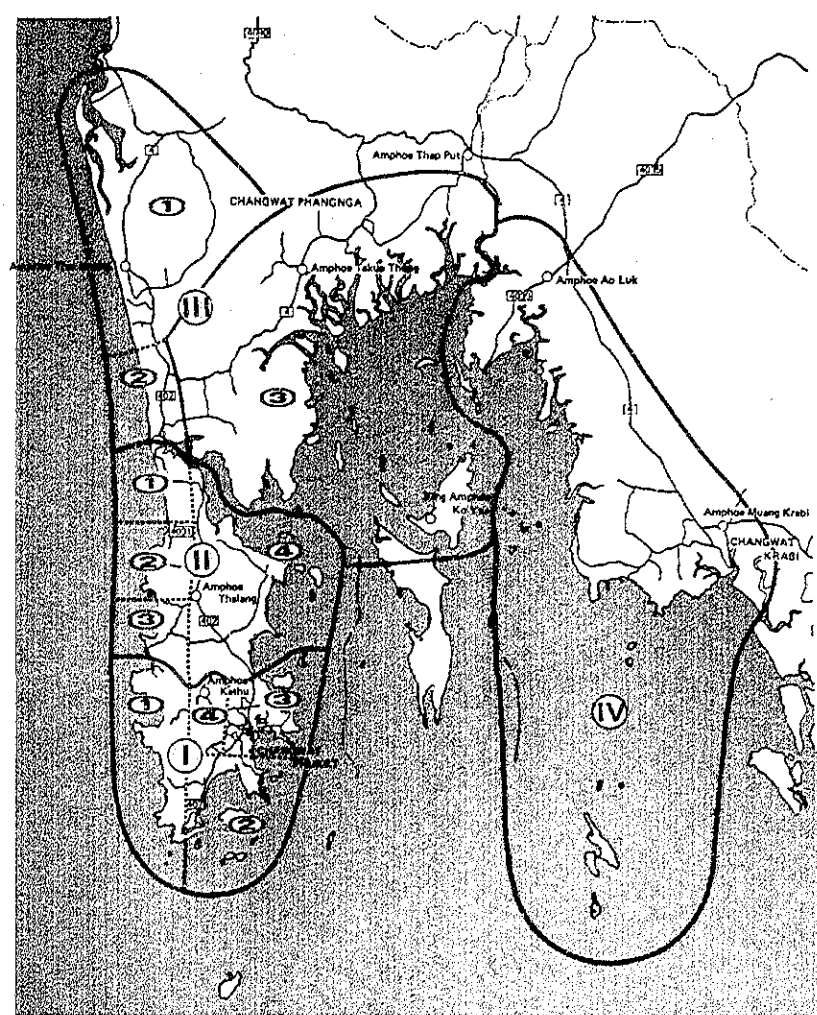
41	○ Phang Nga West-Thai Muang Open Space.....	317E
42	○ Phang Nga West-Thai Muang..... Transportation Center	321
PHANG NGA BAY (PNG/B)		
43	Phang Nga Bay Resort Hotel.....	100
44	Phang Nga Bay Takuapa Beach Resort Dev't.....	325
- KRABI -		
KRABI (KRB)		
45	Krabi Resort Hotel.....	100
46	○ Krabi Secondary Port.....	231
47	Hey Island/Lanta Island Beach Resort Dev't.....	324

NO.	CULTURAL PROJECT	PROJECT NO.
PHUKET SOUTH - TOWN (PHT/S-T)		
1	○ Conservation Project for Phuket Historic District....	311
2	○ Rama IV Public Park Improvement.....	312
PHUKET SOUTH - OTHERS (PHT/S-O)		
3	○ Katu Histic Site Improvement- Wat Chaiong.....	312
4	○ Muang Histic Site Improvement-Sapanhin.....	313
PHUKET NORTH - OTHERS (PHT/N-O)		
5	○ Thalang National Museum.....	311
6	○ Thalang Histic Site Improvement..... - Wat Phra Thong - Thalang Pillar Shrine at Tarue - Ban Phranya Wichitsongkram	321
7	○ Phara Woody Tourism Village.....	322
- PHANG NGA -		
PHANG NGA WEST - KHOK KLOI (PNG/W-K)		
8	○ Khok Kloi Public Park.....	311
PHANG NGA BAY (PNG/B)		
9	Phang Nga-Takuapa Old Town Improvement.....	311
10	☆ Andaman Cultural Resources Center.....	313
11	○ Phang Nga Bay Archaeology Site Improvement..... - Khao Khlan Island (Wat Suwankuha) - Khao Raya Island - Tham Naga - Khao Chang (Tham Rhu Si) - Phra at Thao Island	321
12	Phang Nga Bay Archaeology Site Improvement..... - Khao Phang - Tham Sam - Khao Thao	322
13	Phang Nga Bay Archaeology Site Improvement..... - Khao Ngum - Wang Mo Khuang - Kho Khao Island	323
14	Phang Nga Bay-Panyee Oceanic Tourism Village.....	324
KRABI (KRB)		
15	○ Krabi Archaeology Site Improvement..... - Tham Pee Hua To Cave - Tham Sra Yuam Thong - Laem Chao Le Shelter - Tham Chao Le Shelter - Laem Fai Mai - Laem Thal Raet Shelter (Praya Naga Cave)	321
16	Krabi Archaeology Site Improvement..... - Tham Khao Phra - Tham Khao Rang - Klontom - Sai Thal Cave - Tham Wang Long Cave	322
17	Krabi Archaeology Site Improvement..... - Tham Petch - Ban Tap Prik	323

NO.	NATIONAL PARK PROJECT	PROJECT NO.
- PHUKET -		
PHUKET NORTH - HAT NAI (PHT/N-H)		
1	○ Hat Nai Yang National Park Improvement.....	311
- PHANG NGA -		
PHANG NGA WEST - THAI MUANG (PNG/W-T)		
2	○ Hat Thai Muang National Park Management.....	311
3	○ Hat Thai Muang National Park Improvement.....	312
PHANG NGA BAY (PNG/B)		
4	○ Phang Nga Bay National Park Improvement.....	312
- KRABI -		
KRABI (KRB)		
5	○ Krabi National Park Improvement..... Ko Phi Phi	311

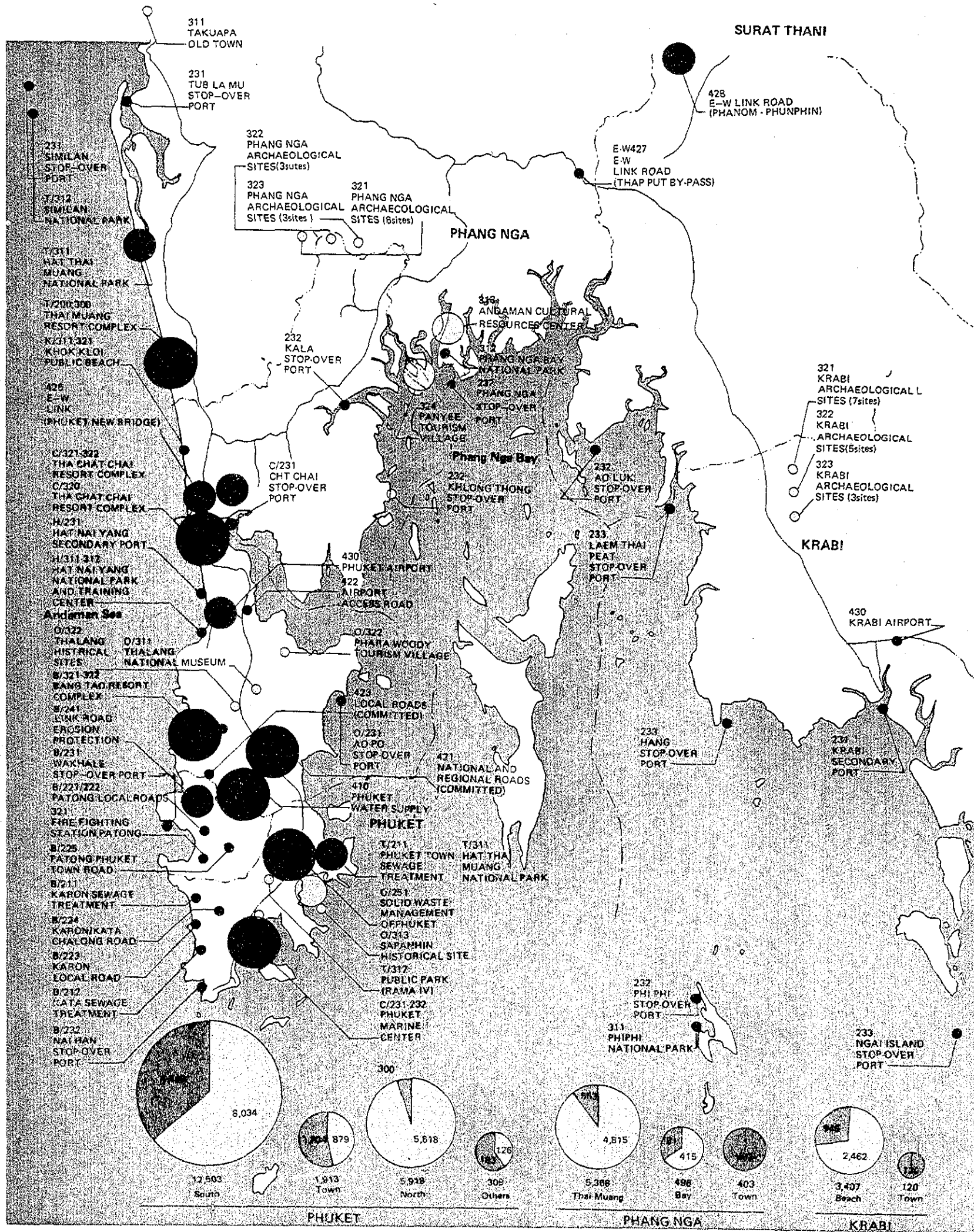
- ☆ Priority Projects - National/Regional Level
- Priority Projects - Provincial Level
- ◆ Committed Projects - 6th Five-Year National Plan
- ⊙ Planned Projects - Private Sector Level

FIG. 2-7-1 KEY MAP OF PROJECT MENU



DISTRICT	SUB DISTRICT	PROJECT CODE NO.
① PHUKET SOUTH	① BEACH	PHT/S-B
	② CHALONG	PHT/S-C
	③ TOWN	PHT/S-T
	④ OTHERS	PHT/S-O
② PHUKET NORTH	① THA CHAT CHAI	PHT/N-C
	② HAT NAI YANG	PHT/N-H
	③ BANG THAO	PHT/N-B
	④ OTHERS	PHT/N-O
③ PHANG NGA	WEST	
	① THAI MUANG	PNG/W-T
	② KHOK KLOI	PNG/W-K
	③ PHANG NGA BAY	PNG/B
④ KRABI	KRB	

FIG. 2-7-2 IDENTIFIED DEVELOPMENT PROJECTS PHASE I-II-III



LEGEND

NATURE OF THE PROJECTS

- INFRASTRUCTURE
- RESORT
- CULTURE
- NATURE

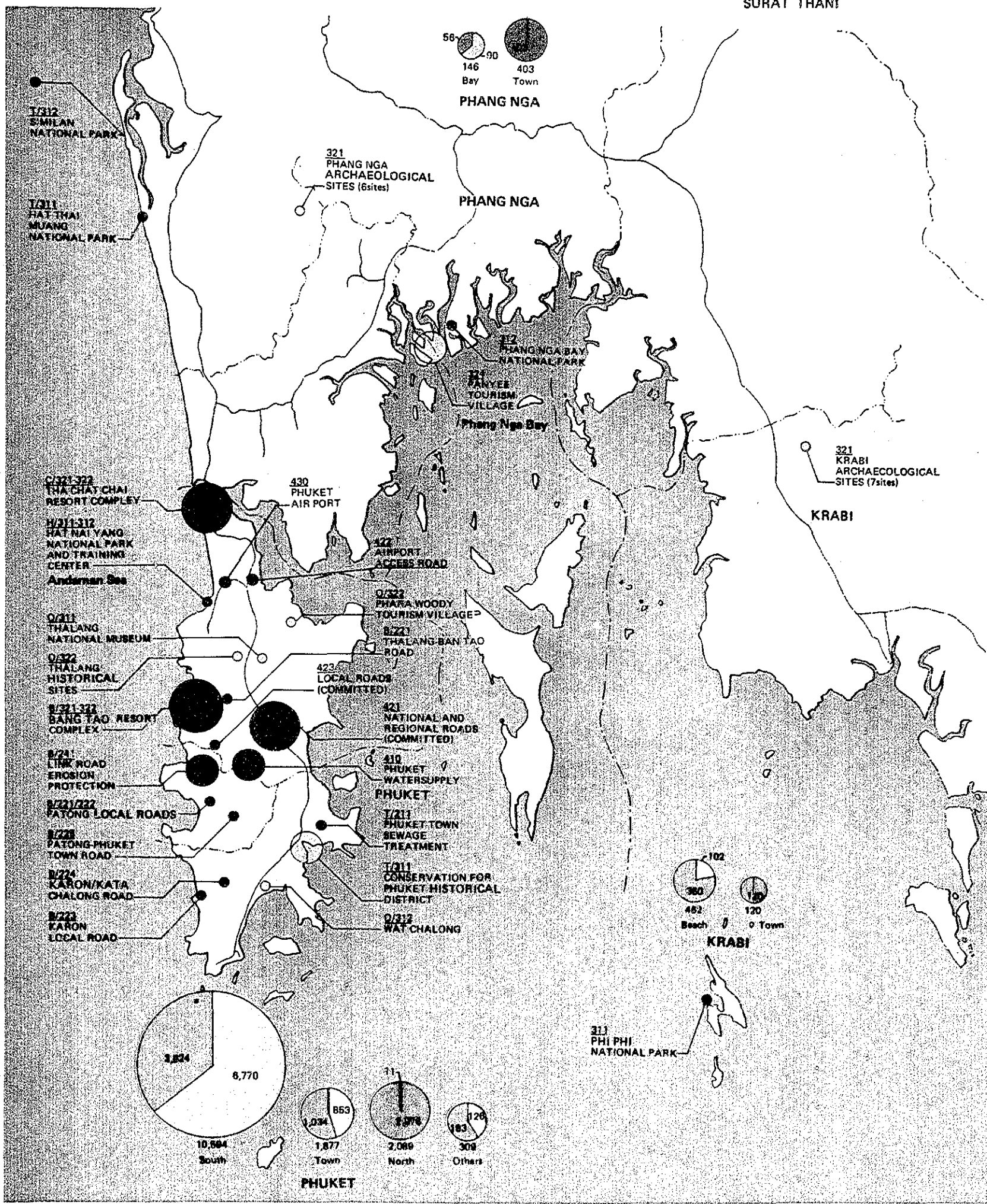
DEVELOPMENT PROJECTS EXCEPT ACCOMMODATIONS BY INVESTMENT COST

- COST MORE THAN 500 million Bahts
- COST MORE THAN 50 million Bahts
- COST LESS THAN 49 million Bahts

ACCOMMODATION PROJECTS BY NO. OF ROOMS

- LOW CLASS
- HIGH CLASS
- TOTAL NO. OF ROOMS
- NAME OF DISTRICT

FIG. 2-7-3 IDENTIFIED DEVELOPMENT PROJECTS PHASE I(1986-'91)



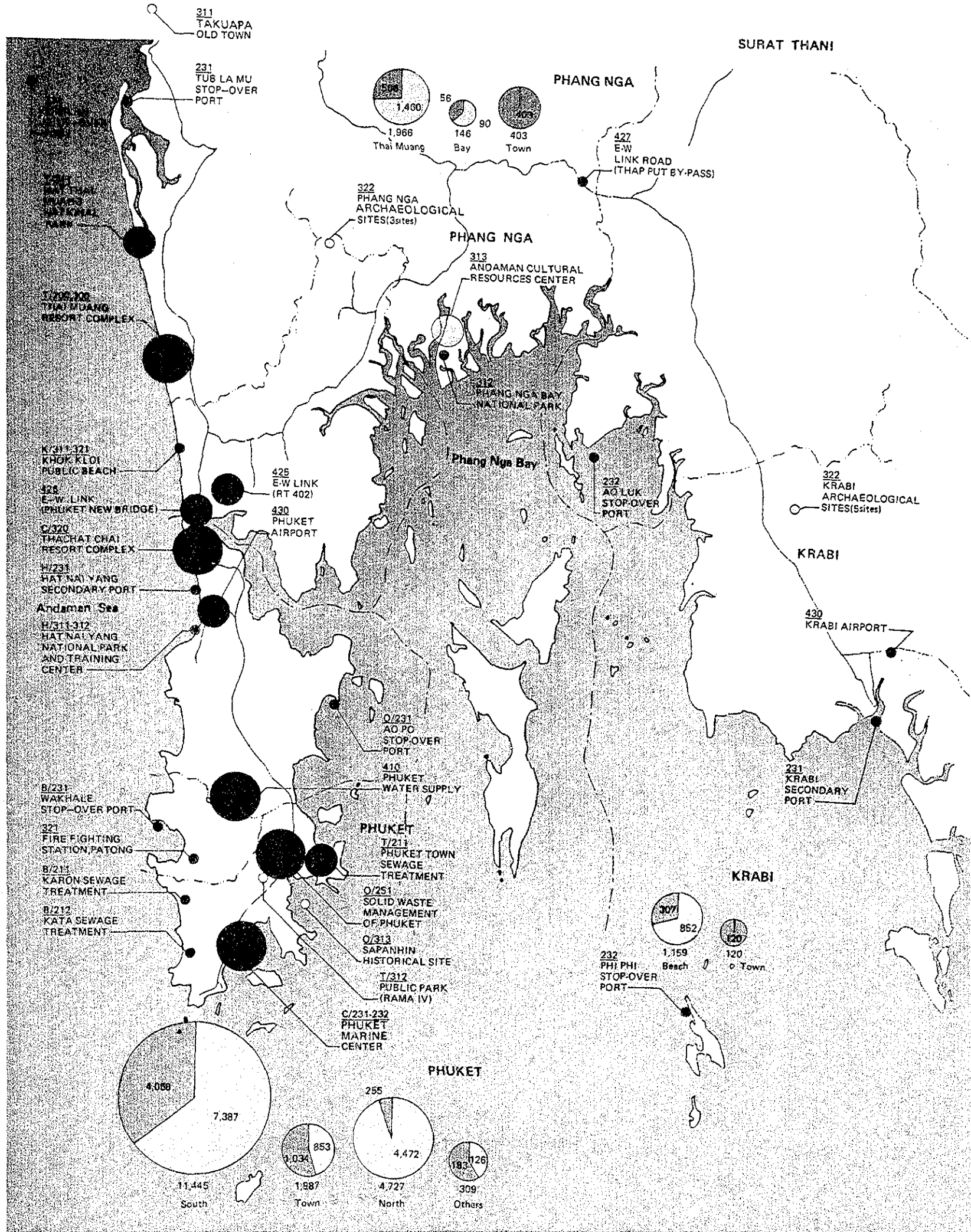
LEGEND

- NATURE OF THE PROJECTS**
- INFRASTRUCTURE
 - RESORT
 - CULTURE
 - NATURE

- DEVELOPMENT PROJECTS EXCEPT ACCOMMODATIONS BY INVESTMENT COST**
- COST MORE THAN 500 million Bahts
 - COST MORE THAN 50 million Bahts
 - COST LESS THAN 49 million Bahts

- ACCOMMODATION PROJECTS BY NO.OF ROOMS**
- LOW CLASS
 - HIGH CLASS
 - TOTAL NO. OF ROOMS
 - NAME OF DISTRICT

FIG. 2-7-4 IDENTIFIED DEVELOPMENT PROJECTS PHASE II(1992-'96)



LEGEND

NATURE OF THE PROJECTS

- INFRASTRUCTURE
- RESORT
- CULTURE
- NATURE

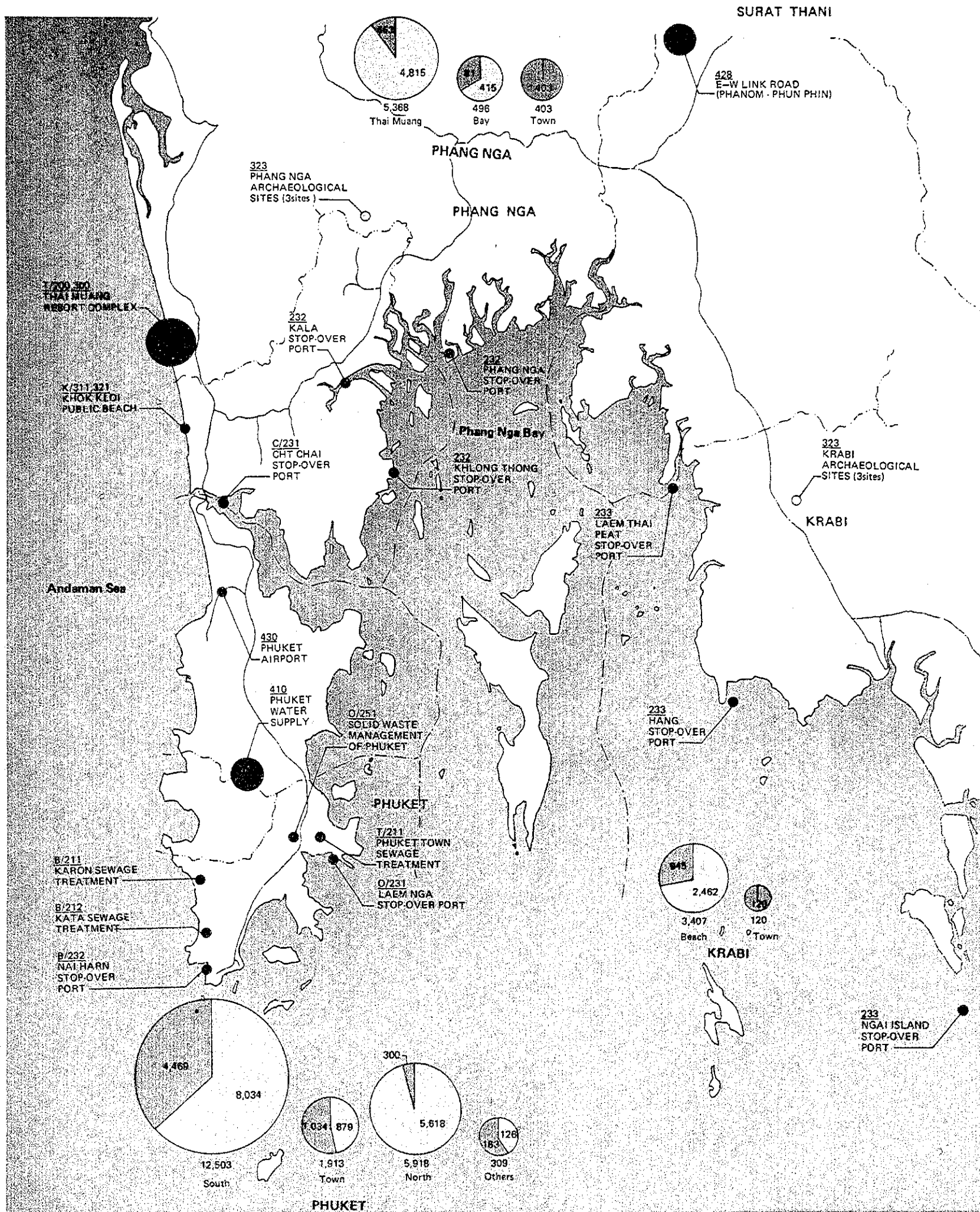
DEVELOPMENT PROJECTS EXCEPT ACCOMMODATIONS BY INVESTMENT COST

- COST MORE THAN 500 million Bahts
- COST MORE THAN 50 million Bahts
- COST LESS THAN 49 million Bahts

ACCOMMODATION PROJECTS BY NO. OF ROOMS

- LOW CLASS
- HIGH CLASS
- TOTAL NO. OF ROOMS
- NAME OF DISTRICT

FIG. 2-7-5 IDENTIFIED DEVELOPMENT PROJECTS PHASE III(1992-'01)



LEGEND

NATURE OF THE PROJECTS

- INFRASTRUCTURE
- RESORT
- CULTURE
- NATURE

DEVELOPMENT PROJECTS EXCEPT ACCOMMODATIONS BY INVESTMENT COST

- COST MORE THAN 500 million Bahts
- COST MORE THAN 50 million Bahts
- COST LESS THAN 49 million Bahts

ACCOMMODATION PROJECTS BY NO. OF ROOMS

- LOW CLASS
- HIGH CLASS
- TOTAL NO. OF ROOMS
- NAME OF DISTRICT

2.7.2 NATIONAL AND REGIONAL PROJECTS AND PROGRAMS

The proposed projects for tourism development in Greater Phuket have been classified under provinces and implementation bodies, while a project menu has been worked out. Refer to Table 2-7-1. The projects have been also broken down into areas, after considering regional characteristics and existing project/programs. The area-by-area projects are shown in Tables 2-7-2-2-7-15 along with contents, costs and development implementation bodies. Development of an airport and water supply, which will influence Greater Phuket development greatly, should be carried out under national projects.

1) Phuket South

Southern Phuket can be divided into beaches in the west, the inland part, Chalong Bay, Phuket Town and other areas including the historical tourist site of Katu, Muang. It has long served as a beach resort rich in cultural assets.

The areas have less opportunities to develop beach oriented resort because the land is very limited, especially the beach front areas which are almost already occupied by previous hotel establishment, except Patong, Kata and Karon. Therefore, future large scale accommodation development will expand to the northern part of Phuket.

Future projects are designed mainly to improve the environmental quality of the whole area, enhance security measures, infill type accommodation development and upgrade existing facilities. It is proposed that their development be carried out on the basis of the zoning guidelines and design standards in Chapter 2.3.1 of Volume III. It is also proposed that the marine center facilities of Chalong Bay be implemented in Phase II as the main facility for international marine tourism.

2) Phuket North

No development concentration has been seen in the areas from Bang Tao to the north, but incentives will be given to its periphery through the development of the Dusit Laguna Resort Complex. As a result, it can be expected that further development around Bang Tao will be carried out by developers. This area will change Northern Phuket into a unique international beach resort in Phase I. Further north in Phuket, the Prem Resort Complex built by a private developer, is planned to develop during Phase II by 2,500 rooms accommodation with various facilities. By these developments, the Phuket beach front will be fully occupied during Phase II, and remaining interior and hinterland areas will not be suitable location, for international class accommodations.

All these projects have formed a large-scale development complex in the areas. It is proposed to improve an access to the areas. The Hat Nai Yang National Park is the sole marine national park on Phuket Island. Situated close to the airport, the park is equipped mainly with facilities for domestic tourists. Therefore, it is necessary to improve and expand facilities to meet a growing number of international tourists. It is proposed to build a pier for a sea access to Similan Island and construct a training center for park management staffs in the park during Phase I.

It is also significant to improve cultural tourism in the north. Among cultural assets historic sites are scattered in Thalang, the Phara woody tourism village and the Thalang National Museum. With some investment, they would lure a great number of tourists.

3) Phang Nga

For Khok Kloi and Thai Muang, as described in Chapter 3, it is necessary to identify a site for the development of hotel accommodations for foreign tourists and to improve public facilities for domestic tourists and local residents. A new development site should be found with the development to be started in Phase II.

In terms of tourism, Khok Kloi and Hat Thai Muang towns should be provided with tourist service functions, starting in Phase II, for direct and indirect support of Khok Kloi beach and Hat Thai Muang. The development of Khok Kloi and Hat Thai Muang as a service town will have desirable effects on the future of Phang Nga West.

With historic sites full of mystic atmosphere, the area is quite attractive for tourists and archaeologists. The construction of an Andaman Cultural Resources Center will help shed light on historic facts which have yet to be discovered and solved. The project plays an important role in preserving national cultural heritages.

Accommodations in Phang Nga bay and town will be developed in conjunction with the establishment of the Andaman Cultural Resources Center which will be located in Phang Nga bay. However, it has limited land, and therefore, development scale will be relatively small. This area will be developed during Phases I and II.

4) Krabi

Krabi is somewhat different from Pan Nga Province. It has an airport, though it is at present out of operation. It is recommended to develop cottage-type and bungalow-type hotels designed for long-term stays of nature lovers, with the participation of small local investors. It is proposed to carry out the systematic improvement of archaeological sites in order to boost the attractiveness of Krabi. This area will mainly be developed during Phase III.

TABLE 2-7-2 PROJECT LIST-PHUKET SOUTH-BEACH

PHT/S - B	NO.	PROJECT NAME	DEVELOPMENT BODY		COST BY DEVELOPMENT PHASE				DEVELOPMENT COST
			PUBLIC	PRIVATE	I ('91)	II ('96)	III ('01)	IV ('01-)	
100 ACCOMMODATION	110	HIGH CLASS		0	3,066,120	629,340	659,940	0	4,355,400
	120	LOW CLASS		0	825,750	105,300	184,950	0	1,116,000
	130	OTHERS		0	0	0	0	0	0
100 SUB TOTAL					3,891,870	734,640	844,890	0	5,471,400
200 INFRASTRUCTURE									
210 SEWAGE TREATMENT	211	KARON	0		0	23,800	2,600	0	26,400
	212	KATA	0		0	13,300	4,900	0	18,200
210 SUB TOTAL					0	37,100	7,500	0	44,600
220 ROAD NETWORK	221	PATONG SOI THAWEEWONGSE TOTAL 337 m	0		1,600	0	0	0	1,600
	222	PATONG SOI SAWADEERAK TOTAL 400m	0		1,900	0	0	0	1,900
	223	KARON ROAD & BRIDGE IMPROVEMENT	0		3,700	0	0	0	3,700
	224	CHALONG JUNCTION-KARON/KATA RT. 4028 6.5 km	0		11,050	0	0	0	11,050
	225	TOWN-PATONG RT. 4020/4029 12km	0		20,400	0	0	0	20,400
220 SUB TOTAL					38,650	0	0	0	38,650
230 SEA NETWORK	231	STOP-OVER PORT NAKHALE	0		0	7,657	0	0	7,657
	232	STOP-OVER PORT NAJ HAN	0		0	0	7,657	0	7,657
230 SUB TOTAL					0	7,657	7,657	0	15,314
240 ENVIRONMENT	241	LINK ROAD EROSION PROTECTION 18 km LONG	0		53,300	0	0	0	53,300
200 SUB TOTAL					91,950	44,757	15,157	0	151,864
300 LANDSCAPE/ARCHITECTURE /OTHERS									
310 LANDSCAPE/ARCHITECTURE									
320 OTHERS	321	FIRE FIGHTING STATION, PATONG	0		0	40,000	0	0	40,000
300 SUB TOTAL					0	40,000	0	0	40,000
GRAND TOTAL					3,983,820	819,397	860,047	0	5,663,264

TABLE 2-7-3 PROJECT LIST-PHUKET SOUTH-CHALONG

PHT/S - C	NO.	PROJECT NAME	DEVELOPMENT BODY		COST BY DEVELOPMENT PHASE				DEVELOPMENT COST
			PUBLIC	PRIVATE	I ('91)	II ('96)	III ('01)	IV ('01-)	
100 ACCOMMODATION	110	HIGH CLASS		0	0	51,000	0	0	51,000
	120	LOW CLASS		0	0	0	0	0	0
	130	OTHERS		0	0	0	0	0	0
100 SUB TOTAL					0	51,000	0	0	51,000
200 INFRASTRUCTURE									
210 SEWAGE TREATMENT									
220 ROAD NETWORK									
230 SEA NETWORK	231	PRIMARY PORT / MARIN CENTER	0		0	1,546,088	0	0	1,546,088
	232	HOVERCRAFT & STORAGE	0		0	1,346,000	0	0	1,346,000
230 SUB TOTAL					0	1,456,000	0	0	1,456,000
240 ENVIRONMENT									
200 SUB TOTAL					0	1,456,000	0	0	3,002,088
300 LANDSCAPE/ARCHITECTURE /OTHERS									
310 LANDSCAPE/ARCHITECTURE									
320 OTHERS									
300 SUB TOTAL					0	0	0	0	0
GRAND TOTAL					0	1,507,000	0	0	3,053,088

TABLE 2-7-4 PROJECT LIST-PHUKET SOUTH-TOWN

PHT/S - T	NO.	PROJECT NAME	DEVELOPMENT BODY		COST BY DEVELOPMENT PHASE				DEVELOPMENT COST
			PUBLIC	PRIVATE	I ('91)	II ('96)	III ('01)	IV ('01-)	
100 ACCOMMODATION	110	HIGH CLASS		0	431,460	0	26,520	0	457,980
	120	LOW CLASS		0	0	0	0	0	0
	130	OTHERS		0	0	0	0	0	0
100 SUB TOTAL					431,460	0	26,520	0	457,980
200 INFRASTRUCTURE									
210 SEWAGE TREATMENT	211	SEWAGE TREATMENT MANAGEMENT	0		46,400	109,000	29,700	18,000	203,100
220 ROAD NETWORK									
230 SEA NETWORK									
240 ENVIRONMENT									
200 SUB TOTAL					46,400	109,000	29,700	18,000	203,100
300 LANDSCAPE/ARCHITECTURE /OTHERS									
310 LANDSCAPE/ARCHITECTURE	311	CONSERVATION PROJECT FOR PHUKET HISTORIC DISTRICT	0		72,980	0	0	0	72,980
	312	PUBLIC PARK IMPROVEMENT (RAMA IV)	0		0	10,000	0	0	10,000
310 SUB TOTAL					72,980	10,000	0	0	82,980
320 OTHERS									
300 SUB TOTAL					72,980	10,000	0	0	82,980
GRAND TOTAL					550,840	119,000	56,220	18,000	744,060

TABLE 2-7-5 PROJECT LIST-OTHERS

PHT/S - O	NO.	PROJECT NAME	DEVELOPMENT BODY		COST BY DEVELOPMENT PHASE				DEVELOPMENT COST
			PUBLIC	PRIVATE	I ('91)	II ('96)	III ('01)	IV ('01-)	
100 ACCOMMODATION	110	HIGH CLASS		0	0	0	0	0	0
	120	LOW CLASS		0	0	0	0	0	0
	130	OTHERS		0	0	0	0	0	0
100 SUB TOTAL					0	0	0	0	0
200 INFRASTRUCTURE									
210 SEWAGE TREATMENT									
220 ROAD NETWORK									
230 SEA NETWORK	231	STOP-OVER PORT (LAEM NGA)	0		0	0	7,657	0	7,657
240 ENVIRONMENT									
250 SOLID WAST	251	SOLID WAST MANAGEMENT / PHUKET WHOLE AREA		0	0	712,000	18,000	552,000	1,282,000
200 SUB TOTAL					0	712,000	25,657	552,000	1,289,657
300 LANDSCAPE/ARCHITECTURE /OTHERS									
310 LANDSCAPE/ARCHITECTURE	312	KATU HISTORIC SITE IMPROVEMENT (WAT CHALONG)	0		1,390	0	0	0	1,390
	313	MUANG HISTORIC SITE IMPROVEMENT (SAPANHIN)	0		0	17,500	0	0	17,500
310 SUB TOTAL					1,390	17,500	0	0	18,890
320 OTHERS									
300 SUB TOTAL					1,390	17,500	0	0	18,890
GRAND TOTAL					1,390	729,500	25,657	552,000	1,308,547

TABLE 2-7-6 PROJECT LIST-PHUKET NORTH-BANG TAO

PHT/N - B	NO.	PROJECT NAME	DEVELOPMENT BODY		COST BY DEVELOPMENT PHASE				DEVELOPMENT COST
			PUBLIC	PRIVATE	I (-'91)	II (-'96)	III (-'01)	IV ('01-)	
100 ACCOMMODATION	110	HIGH CLASS		0	1,709,520	840,480	0	0	2,550,000
	120	LOW CLASS		0	0	0	0	0	0
	130	OTHERS		0	0	0	0	0	0
100 SUB TOTAL					1,709,520	840,480	0	0	2,550,000
200 INFRASTRUCTURE									
210 SEWAGE TREATMENT									
220 ROAD NETWORK	221	THALANG-BANG TAO RT. 402-4030/40301 5.5km	0		9,350	0	0	0	9,350
230 SEA NETWORK									
240 ENVIRONMENT			0						
200 SUB TOTAL					9,350	0	0	0	9,350
300 LANDSCAPE/ARCHITECTURE /OTHERS									
310 LANDSCAPE/ARCHITECTURE									
320 OTHERS	321	DUSIT LAGUNA RESORT COMPLEX PHASE II 1,300 RAI		0	650,000	0	0	0	650,000
	322	DUSIT LAGUNA RESORT COMPLEX INFRASTRUCTURE	0		130,000	0	0	0	130,000
320 SUB TOTAL					780,000	0	0	0	780,000
300 SUB TOTAL					780,000	0	0	0	780,000
GRAND TOTAL					2,498,870	840,480	0	0	3,339,350

TABLE 2-7-7 PROJECT LIST-PHUKET NORTH-HAT NAI YANG

PHT/N - H	NO.	PROJECT NAME	DEVELOPMENT BODY		COST BY DEVELOPMENT PHASE				DEVELOPMENT COST
			PUBLIC	PRIVATE	I (-'91)	II (-'96)	III (-'01)	IV ('01-)	
100 ACCOMMODATION	110	HIGH CLASS		0	0	363,120	0	0	363,120
	120	LOW CLASS		0	0	109,800	25,200	0	135,000
	130	OTHERS		0	0	0	0	0	0
100 SUB TOTAL					0	472,920	25,200	0	498,120
200 INFRASTRUCTURE									
210 SEWAGE TREATMENT									
220 ROAD NETWORK									
230 SEA NETWORK	231	SECONDARY PORT (HAT NAI YANG)	0		0	38,285	0	0	38,285
240 ENVIRONMENT									
200 SUB TOTAL					0	38,285	0	0	38,285
300 LANDSCAPE/ARCHITECTURE /OTHERS									
310 LANDSCAPE/ARCHITECTURE	311	NATIONAL PARK IMPROVEMENT	0		19,392	3,000	0	0	22,392
	312	TRAINING CENTER	0		24,198	0	0	0	24,198
310 SUB TOTAL					43,590	3,000	0	0	46,590
320 OTHERS									
300 SUB TOTAL					43,590	3,000	0	0	46,590
GRAND TOTAL					43,590	514,205	25,200	0	582,995

TABLE 2-7-8 PROJECT LIST-PHUKET NORTH-THA CHAT CHAI

PHT/N - C	NO.	PROJECT NAME	DEVELOPMENT BODY		COST BY DEVELOPMENT PHASE				DEVELOPMENT COST
			PUBLIC	PRIVATE	I (-'91)	II (-'96)	III (-'01)	IV ('01-)	
100 ACCOMMODATION	110	HIGH CLASS		0	0	1,238,280	1,168,920	0	2,407,200
	120	LOW CLASS		0	0	0	0	0	0
	130	OTHERS		0	0	0	0	0	0
100 SUB TOTAL					0	1,238,280	1,168,920	0	2,407,200
200 INFRASTRUCTURE									
210 SEWAGE TREATMENT									
220 ROAD NETWORK									
230 SEA NETWORK	231	STOP-OVER PORT	0		0	0	7,657	0	7,657
240 ENVIRONMENT									
200 SUB TOTAL					0	0	7,657	0	7,657
300 LANDSCAPE/ARCHITECTURE /OTHERS									
310 LANDSCAPE/ARCHITECTURE									
320 OTHERS	321	PREM RESORT COMPLEX 2,800 RAI		0	3,750,500	3,750,500	0	0	7,501,000
	322	PREM RESORT COMPLEX INFRA.	0		750,100	750,100	0	0	1,500,200
320 SUB TOTAL					4,500,600	4,500,600	0	0	9,001,200
300 SUB TOTAL					4,500,600	4,500,600	0	0	9,001,200
GRAND TOTAL					4,500,600	5,738,880	1,176,577	0	11,416,057

TABLE 2-7-9 PROJECT LIST-PHUKET NORTH-OTHERS

PHT/N - O	NO.	PROJECT NAME	DEVELOPMENT BODY		COST BY DEVELOPMENT PHASE				DEVELOPMENT COST
			PUBLIC	PRIVATE	I (-'91)	II (-'96)	III (-'01)	IV ('01-)	
100 ACCOMMODATION	110	HIGH CLASS		0	0	0	0	0	0
	120	LOW CLASS		0	0	0	0	0	0
	130	OTHERS		0	0	0	0	0	0
100 SUB TOTAL					0	0	0	0	0
200 INFRASTRUCTURE									
210 SEWAGE TREATMENT									
220 ROAD NETWORK									
230 SEA NETWORK	231	STOP-OVER PORT (AO PO)	0		0	7,657	0	0	7,657
240 ENVIRONMENT									
200 SUB TOTAL					0	7,657	0	0	7,657
300 LANDSCAPE/ARCHITECTURE /OTHERS									
310 LANDSCAPE/ARCHITECTURE	311	THALANG NATIONAL MUSEUM	0		30,000	0	0	0	30,000
320 OTHERS	321	THALANG HISTORIC SITE IMPROVEMENT (3 SITES)	0		2,882	0	0	0	2,882
	322	PHARA WOODY TOURISM VILLAGE	0		28,062	0	0	0	28,062
320 SUB TOTAL					30,944	0	0	0	30,944
300 SUB TOTAL					60,944	0	0	0	60,944
GRAND TOTAL					60,944	7,657	0	0	68,601

TABLE 2-7-10 PROJECT LIST-PHANG NGA WEST-KHOK KLOI

PNG/W - K	NO.	PROJECT NAME	DEVELOPMENT BODY		COST BY DEVELOPMENT PHASE				DEVELOPMENT COST
			PUBLIC	PRIVATE	I (-'91)	II (-'96)	III (-'01)	IV ('01-)	
100 ACCOMMODATION	110	HIGH CLASS		0	0	0	445,738	0	445,738
	120	LOW CLASS		0	0	305,880	28,412	0	334,292
	130	OTHERS		0	0	0	128,760	0	128,760
100 SUB TOTAL					0	305,880	602,910	0	908,790
200 INFRASTRUCTURE									
210 SEWAGE TREATMENT									
220 ROAD NETWORK									
230 SEA NETWORK									
240 ENVIRONMENT									
270 ELECTRICITY	271		0		0	45,316	65,622	0	110,938
200 SUB TOTAL					0	45,316	65,622	0	110,938
300 LANDSCAPE/ARCHITECTURE /OTHERS									
310 LANDSCAPE/ARCHITECTURE BLOCK-XX : KHOK KLOI PUBLIC BEACH	311	A. PUBLIC PARK	0		0	6,771	0	0	6,771
		B. MULTI-PURPOSE OPEN GROUND	0		0	0	4,107	0	4,107
		C. SEASIDE PROMENADE	0		0	0	999	0	999
		D. OPEN SPACE	0		0	9,500	9,500	0	19,000
310 SUB TOTAL					0	16,271	14,606	0	30,877
320 OTHERS	321	TRANSPORTATION CENTER	0		0	1,683	0	0	1,683
300 SUB TOTAL					0	17,954	14,606	0	32,560
GRAND TOTAL					0	369,150	683,138	0	1,052,288

TABLE 2-7-11 PROJECT LIST-PHANG NGA WEST-THAI MUANG

PNG/W - T	NO.	PROJECT NAME	DEVELOPMENT BODY		COST BY DEVELOPMENT PHASE				DEVELOPMENT COST
			PUBLIC	PRIVATE	I ('91)	II ('96)	III ('01)	IV ('01-)	
100 ACCOMMODATION	110	HIGH CLASS		0	0	1,875,439	3,863,919	0	5,739,358
	120	LOW CLASS		0	0	0	0	0	0
	130	OTHERS		0	0	132,090	195,493	0	327,583
100 SUB TOTAL						2,007,529	4,059,412	0	6,066,941
200 INFRASTRUCTURE									
210 SEWAGE TREATMENT	211	SEWAGE TREATMENT MANAGEMENT	0		0	37,800	30,900	0	68,700
220 ROAD NETWORK	221	LOCAL ROAD	0		0	17,760	22,478	0	40,238
	222	INNER ROAD	0		0	17,960	37,773	0	55,733
220 SUB TOTAL						35,720	60,251	0	95,971
230 SEA NETWORK	231	STOP-OVER PORT	0		0	7,657	0	0	7,657
240 ENVIRONMENT	241	COASTLINE PROTECTION(1 km PILOT)	0		0	0	380,000	0	380,000
250 SOLID WASTE	251	SOLID WASTE MANAGEMENT	0		0	1,960	7,100	3,550	12,610
260 WATER SUPPLY	261	WATER SUPPLY MANAGEMENT	0		0	140,800	84,500	0	225,300
200 SUB TOTAL						223,937	562,751	3,550	790,238
300 LANDSCAPE/ARCHITECTURE /OTHERS									
310 LANDSCAPE/ARCHITECTURE	311	NATIONAL PARK IMPROVEMENT HAT THAI MUANG	0		3,480	79,554	0	0	83,034
	312	NATIONAL PARK IMPROVEMENT SIMILAN ISLAND	0		28,320	2,760	0	0	31,080
BLOCK-00 : THAI MUANG TOURISTS AMENITY CORE	313	A. TOURIST CENTER	0		0	6,044	0	0	6,044
		B. BUSINESS PARK	0		0	0	5,054	0	5,054
		C. SHOPPING PROMENADE	0		0	14,519	2,420	0	16,939
		D. RESTAURANT PLAZA	0		0	15,364	3,073	0	18,437
		E. MARINE SPORTS CENTER	0		0	0	3,796	0	3,796
		F. OPEN SPACE	0		0	5,415	5,415	0	10,830
BLOCK-S1 : HOTEL ACCOMMODATIONS WITH INDOOR/OUTDOOR SPORTS COMPLEX	314	A. SPORTS COMPLEX	0		0	0	33,039	0	33,039
		B. POOL GARDEN	0		0	0	21,997	0	21,997
		C. OPEN SPACE	0		0	0	41,140	0	41,140
BLOCK-S2 : HOTEL ACCOMMODATIONS 36-HOLE CHAMPIONSHIP GOLF COURSE	315	A. CHAMPIONSHIP GOLF COURSE	0		0	0	958,845	0	958,845
		B. VILLA PLAZA	0		0	0	25,369	0	25,369
		C. OPEN SPACE	0		0	0	96,260	0	96,260
BLOCK-N1 : HOTEL ACCOMMODATIONS WITH CONVENTION PARK	316	A. CONVENTION PARK	0		0	79,532	0	0	79,532
		B. VOCATIONAL SCHOOL AND HOTEL	0		0	91,560	0	0	91,560
		C. INTERNATIONAL PARK	0		0	18,060	0	0	18,060
		D. TROPICAL GARDEN COMPLEX	0		0	0	0	33,300	33,300
		E. OPEN SPACE	0		0	113,690	0	0	113,690
BLOCK-N2 : HOTEL ACCOMMODATIONS WITH GOLF COURSE AND WATER RECREATION PARK	317	A. GOLF COURSE	0		0	130,000	0	0	130,000
		B. WATER RECREATION PARK	0		0	20,000	0	0	20,000
		C. RECREATIONAL GROUND	0		0	0	0	0	0
		D. SHOPPING ARCADE	0		0	15,000	0	0	15,000
		E. OPEN SPACE	0		0	0	0	0	0
310 SUB TOTAL					31,800	591,498	1,196,408	33,300	1,853,006
320 OTHERS	321	TRANSPORTATION CENTER	0		0	8,381	0	0	8,381
300 SUB TOTAL					31,800	599,879	1,196,408	33,300	1,861,387
GRAND TOTAL					31,800	2,831,345	5,818,571	36,850	8,718,566

TABLE 2-7-12 PROJECT-LIST-PHANG NGA BAY

PNG/B	NO.	PROJECT NAME	DEVELOPMENT BODY		COST BY DEVELOPMENT PHASE				DEVELOPMENT COST
			PUBLIC	PRIVATE	I ('91)	II ('96)	III ('01)	IV ('01-)	
100 ACCOMMODATION	110	HIGH CLASS		0	0	0	331,500	0	331,500
	120	LOW CLASS		0	25,200	0	11,250	0	36,450
	130	OTHERS		0	0	0	0	0	0
100 SUB TOTAL					25,200	0	342,750	0	367,950
200 INFRASTRUCTURE									
210 SEWAGE TREATMENT									
220 ROAD NETWORK									
230 SEA NETWORK	231	STOP-OVER PORT							
		2 LOCATIONS(TUB LA MU / SIMILAN)	0		0	15,314	0	0	15,314
	232	STOP-OVER PORT							
		3 LOCATIONS(KHLONG THONG / KALA)	0		0	0	22,971	0	22,971
230 SUB TOTAL					0	15,314	22,971	0	38,285
240 ENVIRONMENT									
200 SUB TOTAL					0	15,314	22,971	0	38,285
300 LANDSCAPE/ARCHITECTURE /OTHERS									
310 LANDSCAPE/ARCHITECTURE	311	TAKUAPA OLD TOWN IMPROVEMENT	0		0	42,630	0	0	42,630
	312	NATIONAL PARK IMPROVEMENT	0		22,632	10,680	0	0	33,312
	313	ANDAMAN CULTURAL RESOURCES CENTER	0		0	352,900	0	0	352,900
310 SUB TOTAL					22,632	406,210	0	0	428,842
320 OTHERS	321	PHANG NGA ARCHAEOLOGY SITE IMPROVEMENT(7 SITES)	0		7,342	0	0	0	7,342
	322	PHANG NGA ARCHAEOLOGY SITE IMPROVEMENT(3 SITES)	0		0	8,434	0	0	8,434
	323	PHANG NGA ARCHAEOLOGY SITE IMPROVEMENT(3 SITES)	0		0	0	2,090	0	2,090
	324	PANYEE OCEANIC TOURISM VILLAGE	0		50,289	0	0	0	50,289
	325	TAKUAPA BEACH RESORT DEVELOPMENT PHASE IV	0		0	0	0	0	0
320 SUB TOTAL					57,631	8,434	2,090	0	98,155
300 SUB TOTAL					110,263	414,644	2,090	0	526,997
GRAND TOTAL					135,463	429,958	367,811	0	933,232

TABLE 2-7-13 PROJECT LIST-KRABI

KRB	NO.	PROJECT NAME	DEVELOPMENT BODY		COST BY DEVELOPMENT PHASE				DEVELOPMENT COST
			PUBLIC	PRIVATE	I ('91)	II ('96)	III ('01)	IV ('01-)	
100 ACCOMMODATION	110	HIGH CLASS		0	104,040	209,100	963,900	0	1,277,040
	120	LOW CLASS		0	0	221,400	287,100	0	508,500
	130	OTHERS		0	0	0	0	0	0
100 SUB TOTAL					104,040	430,500	1,251,000	0	1,785,540
200 INFRASTRUCTURE									
210 SEWAGE TREATMENT									
220 ROAD NETWORK									
230 SEA NETWORK	231	SECONDARY PORT (KRABI)	0		0	38,285	0	0	38,285
	232	STOP-OVER PORT 2 LOCATIONS (AO LUK / PHI PHI)	0		0	15,314	0	0	15,314
	233	STOP-OVER PORT 3 LOCATIONS LAEM THAI PEAT/HANG NGAI	0		0	0	22,971	0	22,971
230 SUB TOTAL					0	53,599	22,971	0	76,570
240 ENVIRONMENT									
200 SUB TOTAL					0	53,599	22,971	0	76,570
300 LANDSCAPE/ARCHITECTURE /OTHERS									
310 LANDSCAPE/ARCHITECTURE	311	NATIONAL PARK IMPROVEMENT KO PHI PHI	0		44,766	0	0	0	44,766
320 OTHERS	321	ARCHAEOLOGY SITE IMPROVEMENT(7 SITES)	0		7,366	0	0	0	7,366
	322	ARCHAEOLOGY SITE IMPROVEMENT(5 SITES)	0		0	14,510	0	0	14,510
	323	ARCHAEOLOGY SITE IMPROVEMENT(2 SITES)	0		0	0	390	0	390
	324	HEY ISLAND / LANTA ISLAND BEACH RESORT DEVELOPMENT PHASE IV	0		0	0	0	0	0
320 SUB TOTAL					7,366	14,510	390	0	22,266
300 SUB TOTAL					52,132	14,510	390	0	67,032
GRAND TOTAL					156,172	498,609	1,274,381	0	1,929,142

TABLE 2-7-14 PROJECT LIST-PHUKET WHOLE AREA NATIONAL/REGIONAL LEVEL

PHT/W	NO.	PROJECT NAME	DEVELOPMENT BODY		COST BY DEVELOPMENT PHASE				DEVELOPMENT COST
			PUBLIC	PRIVATE	I ('91)	II ('96)	III ('01)	IV ('01-)	
400 REGIONAL / NATIONAL INFRASTRUCTURE PROJECTS									
410 WATER SUPPLY	411	PHUKET SOUTH WATER SUPPLY MANAGEMENT(Engineer/Supervision)	0		74,592	820,068	114,219	0	1,008,879
	412	PHUKET NORTH WATER SUPPLY MANAGEMENT(Engineer/Supervision)	0		103,230	917,748	162,504	0	1,183,482
	413	WATER INTAKE / DRIVING PIPE THAI MUANG	0		0	61,600	0	0	61,600
410 SUB TOTAL					177,822	1,799,416	276,723	0	2,253,961
420 ROAD NETWORK	421	NATIONAL AND REGIONAL ROADS COMMITTED	0		952,100	0	0	0	952,100
	422	NATIONAL AND REGIONAL ROADS RT. 4026 (AIRPORT ACCESS) 5 km	0		9,600	0	0	0	9,600
	423	LOCAL ROADS COMMITTED IMPROVEMENT	0		79,400	0	0	0	79,400
	424	LOCAL ROAD NEW CONSTRUCTION IN PATONG	0		3,500	0	0	0	3,500
	425	NATIONAL AND REGIONAL ROADS E-W LINK : RT. 402 IMPROVEMENT	0		0	121,600	0	0	121,600
	426	NATIONAL AND REGIONAL ROADS E-W LINK : PHUKET NEW BRIDGE	0		0	350,000	410,000	0	760,000
	427	NATIONAL AND REGIONAL ROADS E-W LINK : BY-PASS (THAP PUT)	0		0	38,200	0	0	38,200
	428	NATIONAL AND REGIONAL ROADS E-W LINK : NEW ROAD (PHANOM-PHUN PHIN)	0		0	0	469,000	0	469,000
420 SUB TOTAL					1,044,600	509,800	879,000	0	2,433,400
430 AIR TRANSPORTATION - PHUKET AIRPORT -	431	DEVELOPMENT OF PARALLEL TAXIWAY	0		4,000	103,000	0	16,000	123,000
	432	EXPANSION OF RUNWAY STRIP	0		2,000	59,000	0	0	61,000
	433	INSTALLATION OF MLS	0		0	0	38,000	0	38,000
	434	REPLANTATION OF TREES	0		0	0	700	0	700
	435	REPLACEMENT OF ACCESS ROAD	0		100	3,200	0	0	3,300
	436	LANDSCAPING	0		0	1,600	0	0	1,600
430 SUB TOTAL					6,100	167,000	38,700	16,000	227,800
400 SUB TOTAL					1,228,522	2,476,216	1,194,423	16,000	4,915,161

TABLE 2-7-15 PROJECT LIST-KRABI WHOLE AREA (NATIONAL/REGIONAL LEVEL)

KRB/W	NO.	PROJECT NAME	DEVELOPMENT BODY		COST BY DEVELOPMENT PHASE				DEVELOPMENT COST
			PUBLIC	PRIVATE	I ('91)	II ('96)	III ('01)	IV ('01-)	
400 REGIONAL / NATIONAL INFRASTRUCTURE PROJECTS									
410 WATER SUPPLY									
420 ROAD NETWORK									
430 AIR TRANSPORTATION - KRABI AIRPORT -	431	RUNWAY WIDING AND OVERLAY	0		0	5,200	0	5,600	10,800
	432	EXPANSION OF RUNWAY STRIP	0		0	7,800	0	400	8,200
	433	TERMINAL AND ACCESS ROAD	0		0	2,100	0	0	2,100
430 SUB TOTAL					0	15,100	0	6,000	21,100
400 SUB TOTAL					0	15,100	0	6,000	21,100

DEVELOPMENT COST	COST BY DEVELOPMENT PHASE				DEVELOPMENT COST
	I ('91)	II ('96)	III ('01)	IV ('01-)	
GRAND TOTAL	13,192,011	18,896,497	11,462,005	628,850	43,745,451
PUBLIC BODY	2,629,421	6,352,768	3,142,403	76,850	13,747,530
PRIVATE BODY	10,562,590	10,543,729	8,339,602	552,000	29,997,921