

Thesis Title Public Space Organization for a development
 of Samut Prakarn Central Business District.
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ABSTRACT

This thesis is proposed for the study of developing the business centre in Samut Prakarn by organizing the Public Space. The main reason for choosing this project follows the fifth National Economic and Social Development Plan to decentralize development from Bangkok to the five main satellite towns nearby. These towns are Samut Prakarn, Nontaburi, Patumthani, Nakornpathom and Samut Prakarn which made that towns have rapid growth. Paknam business centre, the Samut prakarn's central community is the community that have greater potential in the development of economic, social and physical feature than others five satellite towns. If we let the private investors do the development themselves, there will be many serious problems, just like, the lack of open space for recreation, public activities, circulation services and good vision effect.

For preventing these problems, the best way in community's physical development planning is to organize the Public Space for the community while the community is still small.

The future expansion will be effectively developed if the planning is suitable for this proposed area. The main point of the study in this thesis are;

1. The study of principles and theories that relating with the Public Space Organization and use the suitable methods to prevent and solve problems effectively by divide into open space for mall, circulation and recreation.

2. The study of basic data of Samut Prakarn central community especially in Paknam Business Centre, economic data, social data and others developing data related. The region data, the town data and the community data is included.

3. Data analysis by using the methode :

3.1 Provide the influential area of business centre and centralized city centre by using " Central Place Theory." The size of Paknam business centre at present time is 91 km^2 and serve 164,500 persons.

3.2 Estimating the future need of used area for central district business centre and the trend of area's expansion for the developing plan. Using the estimation of the population of Samut Prakarn in 2544 B.E. The business area is $225,400 \text{ m}^2$.

3.3 Finding the standard for the use of solving the problems by organizing Public Space in various way.

4. The conclusion by using suggested development idea to show as example in this proposed area:

4.1 Space for circulation: Suggest the suitable system for major street, minor street, local street and full mall for the better business in the centre related to others activities.

4.2 Parking space: From the research we found that Paknam business centre, people park their car on street that cause the traffic problem. The suitable way is "off street" parking that serve pedestrian way in shopping area.

4.3 Space for public activities: Just like Business activities, Social activities, etc.

4.4 Space for public environment: by using open space along Chao-phyia River and Pra Samut-Chedi can be seen. The others open spaces is Tai-barn area, Sri Samut area.

4.5 Recreation space in the suitable site of the community and use beautiful perspective view of Chao-phyia River and Paknam Canal for the recreated vision.

5. Case study Design:

Devide the development into 3 phase . First phase isto develope the present business area . Second phase is to develope the Tai-barn Circle area and third phase for Sai Luad

Street, Tai-barn Street and Paknam-Bangping Street. By using grid system for the street in the present business area and radial system in second and third phase in a suitable size and distance. Provide five open space area for public activities in the front of the market, San Chao Por Luck Muang, Central business District and two places around Tai-barn Circle and provide full mall pedestrian way separate from the street that can serve main activities of the community. Six parking area is provided around the area and the 2.5 rais of public park to serve the community connected with open space along Chao-phyu River for beautiful and attractive view of river side and Pra Samut-Chedi.