

1. Introduction

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This report is the executive summary towards the study and survey on traffic and transportation for Master Plan of Regional City: Phitsanulok. It generally summarizes general information of Phitsanulok, environmental conditions, transportation system and land use, existing traffic conditions and transportation problems, concept of Phitsanulok Master Plan including related traffic and transportation strategies and management projects used as problem solutions.

1.2 Objectives

1) To initiate Phitsanulok's Traffic and Transportation Master Plan; for land, water, and air, that can be integrated with the provincial strategic plans and to increase the performance and safety of transportation infrastructure both of within the city and other cities.

2) To develop basic transportation infrastructure so as to increase the potential on economic development and to increase the competitiveness in investment and tourism industries.

3) To provide effective development plans towards mass transportation systems targeting to reduce and to maintain the existed energy resources, to encourage less-energy consumption mode as well as to develop the environmental-friendly transportation systems.

4) To develop effective transportation system strategies that would accommodate current and future land use plan.

5) To develop a sustainable plan that would satisfy the city's vision as a livable city.

6) To initiate effective and practical Master Plan and projects towards the transportation safety standards for the local residents and for the tourists.

7) To provide Phitsanulok the transportation programs and projects to support the freight and logistic management. The plan aims to help providing a multimodal facility that will result in an effective way of distribution of goods that goes along with minimal cost.

1.3 Scope of the Study

The studied areas include the connecting arrival and departure transportation routes, the problematic traffic generator routes of the city such as the connecting routes of Phitsanulok Master Plan areas and the economic development paths counting on different variables, especially on the importance to the city such as archeological and natural sites. The areas of study were indicated as follows;

- The whole areas of Phitsanulok province, especially the area with traffic and transportation problems in Phitsanulok Master Plan areas (Figure 1.1 – 1.2) including the extension areas of the city.
- Major routes of Phitsanulok affecting the economic and tourism development of the province.
- The road network that connect the major linkage between bus terminal, airport, ports both in city and intraprovincial trips.

1.4 Programs and Projects included in the Master Plan

1) Traffic and transportation management plans for preventing and mitigating traffic problems at the provincial levels.

2) Transportation network development corresponding to the livable city plans.

3) Master Plan towards the infrastructure and transportation development for economic competitiveness.

4) Public transportation development plan.

5) Traffic and transportation systems' safety plans.

6) Transportation development plan for sustainable tourism.

7) Transportation development plan for cultural tourism.

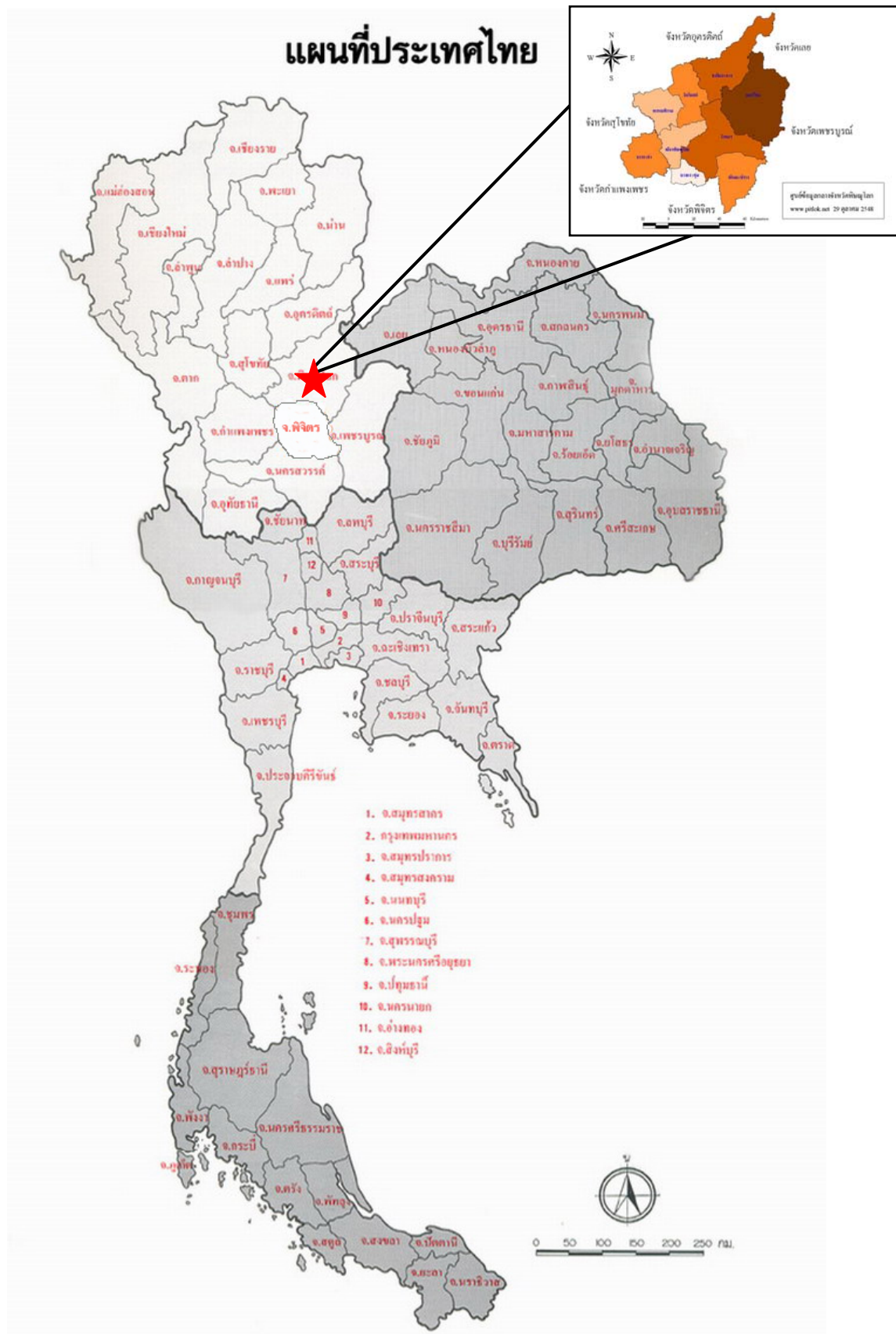


Figure 1.1 Location of Phitsanulok

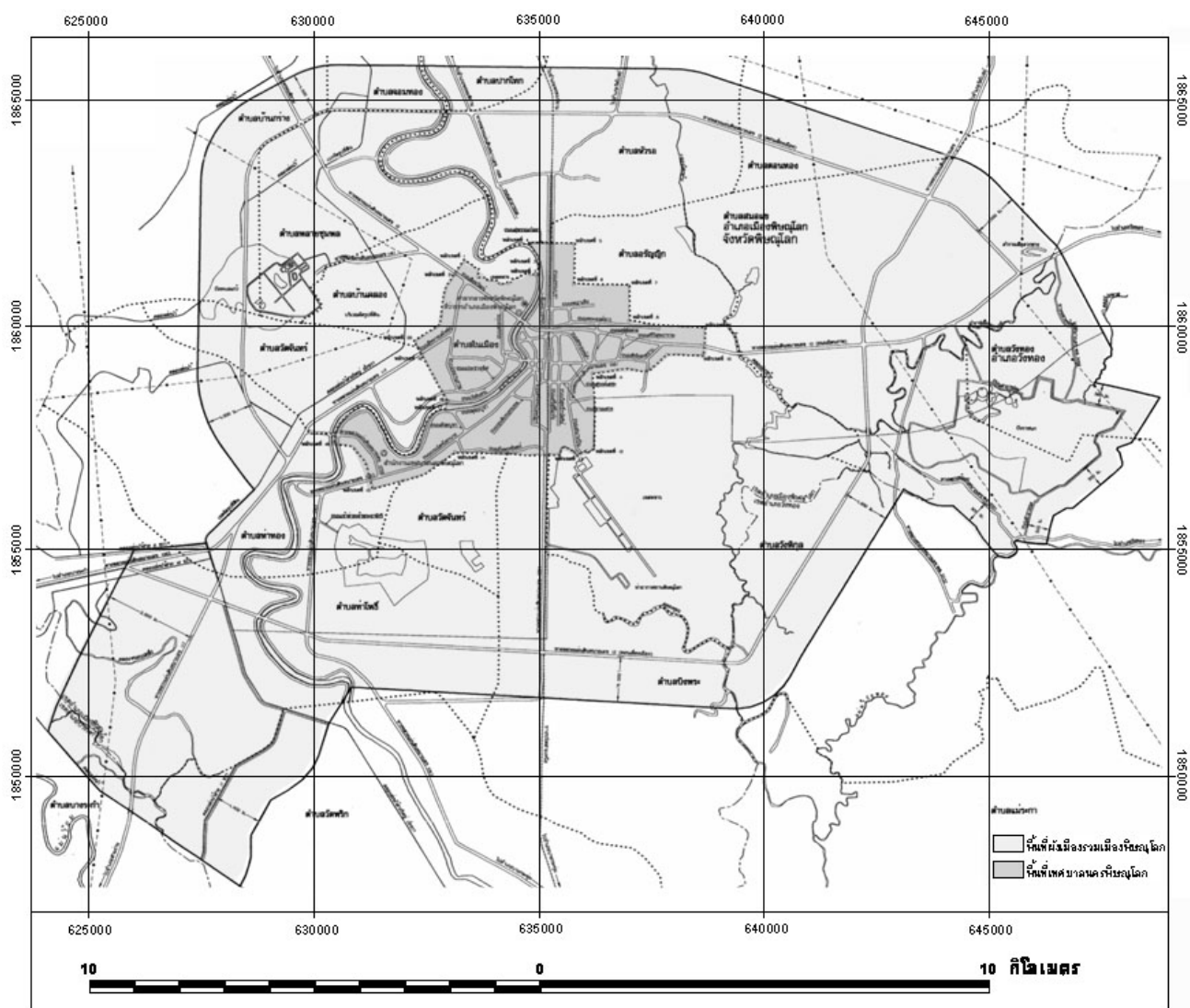


Figure 1.2 Phitsanulok Master Plan