

1 Introduction

1.1 Introduction

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

1.2 Objectives

- 1.) To initiate Uttaradit'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.

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 Uttaradit 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 Uttaradit province, especially the area with traffic and transportation problems in Uttaradit Land use Plan areas (Figure 1.1 – 1.2) including the extension areas of the city.
- Major routes of Uttaradit 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 Plans included in the Master Plan

- 1) Transportation network development corresponding to the livable city plans.
- 2) Master Plan towards the infrastructure and transportation development for economic competitiveness.
- 3) Public transportation development plan.
- 4) Transportation safety plans.
- 5) Transportation development plan for sustainable tourism and livable city.
- 6) Transportation development plan for preventing and solving traffic accidents.
- 7) Traffic and transportation management plans for preventing and mitigating traffic problems at the provincial levels.
- 8) Short term plan for solving traffic problems in critical area.
- 9) Short term plan for solving traffic accidents in critical area.

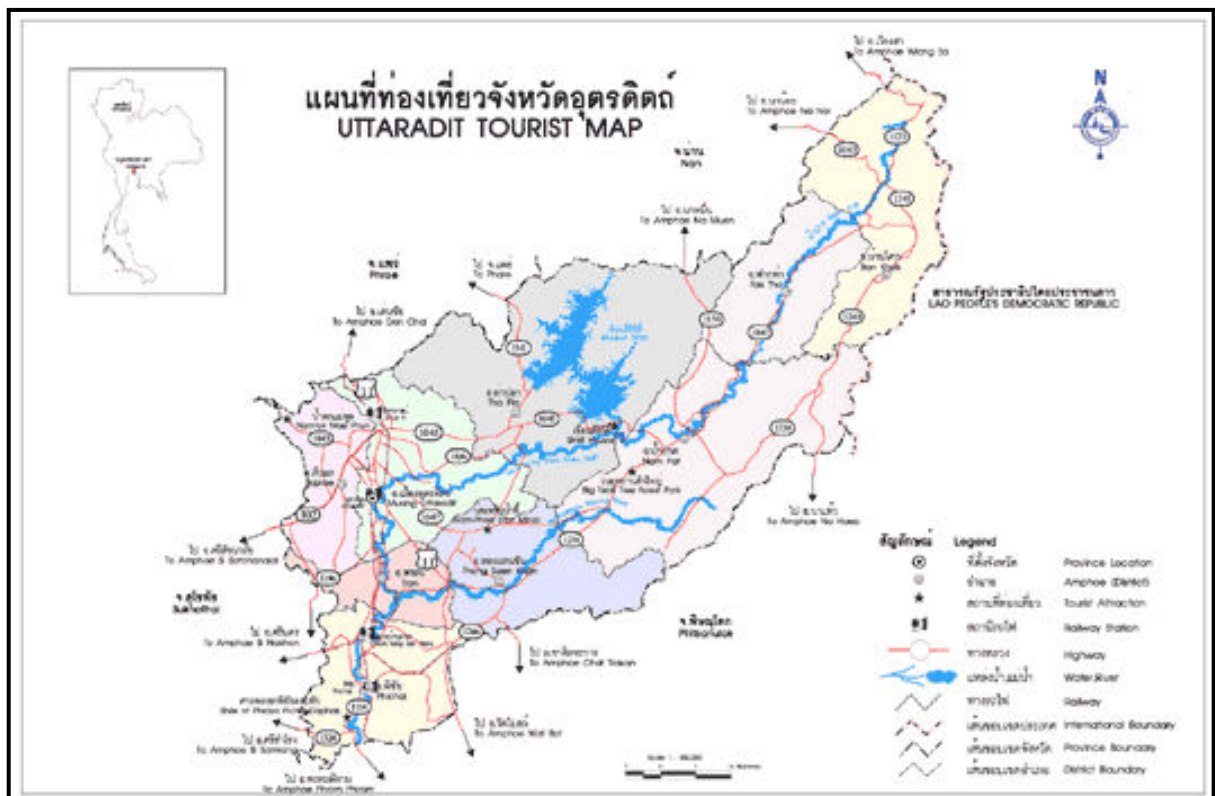


Figure 1.1 Map of Uttaradit

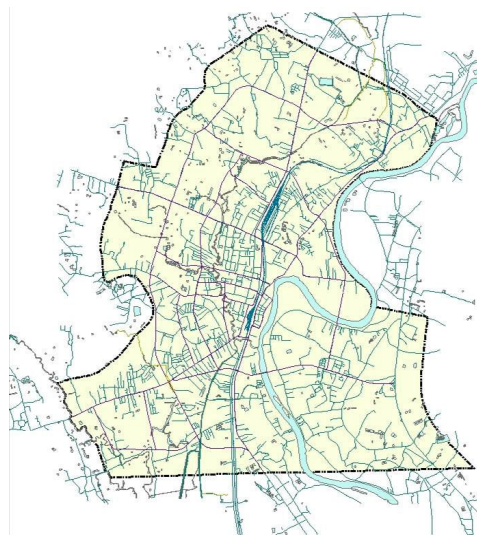


Figure 1.2 Uttaradit Land use Plan