

Tasana Singhsilarak 2012: The Study of Problems in Development Cities Case Study of Bangkok. Master of Engineering (Civil Engineering), Major Field: Civil Engineering, Department of Civil Engineering. Thesis Advisor: Associate Professor Vacharin Vitayakul, M.Eng. 52 pages.

Development cities will face with many problems such as more population, Lack of dwelling, traffic congestion, Uncontrolled land use, Lack of Utilities, Environment deteriorated, etc. Bangkok is the same situation especially traffic congestion still be chronic almost happening through out Bangkok. It makes travel time not convenient and delay including high expenditure for traveling. Nowadays, the transport system is incomplete service, so that people choose private cars for convenient. Some people said that Bangkok city planning is not so good or the relationship between Land Use and Transport do not coincide and integrate with each other. From busily study Land Use is more important factor is solving the traffic congestion in Bangkok.

The study will concern with the relationship of Land use and Transport from international cases, theory and technology of city planning, policy of national economic and social plan some issue which effect to the problem of the traffic including impact of the petroleum crude oil.

From analysis the relationship between Land Use and Transport is more important which will be coincide and work parallel. After study those mentioned the traffic congestion can be solved or reduced traffic problem by 9 proposals as following Increasing public park, Development both road system and mass rapid transit, Making structure plan, develop polycentric cities, Model of neighborhood, Making park and ride integration of land use and transport, Research and set up new office of Bangkok city planning.

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Thesis Advisor's signature