

Sorranant Thongto 2012: A Study for Development of Draft Master Plan for Intelligent Transportation System (ITS). Master of Engineering (Civil Engineering), Major Field: Civil Engineering, Department of Civil Engineering. Thesis Advisor: Associate Professor Watcharin Witayakul, M.Eng. 130 pages.

According to the session on 24th February 2004, the Commission for the Management of Land Traffic agreed to the Office of Transport and Traffic Policy and Planning to operate education and making the leading role plan of the traffic system development and intelligent transportation within a radius of 100 kilometers from Bangkok. The Transport and Traffic Policy and Planning Office, however, started to operate on learning and making this plan between the years of 2005 – 2014 and it then was achieved in the last 2004.

However , a quickly change of a technology development and the increase of related institutes that interest in a research about this plan, caused of the review of the role plan of the traffic system and intelligent transportation which was carried out for over 7 years. A research presented to develop a draft of the role plan between the years of 2012 – 2017. The substance describes about the result of reviewing the role plan of the traffic system development and intelligent transportation between the years of 2005 – 2014, which was operated by the Office Transport and Traffic Policy and Planning, the review of both domestic and international literatures and the compilation information from the institute interviewing. By doing this, the reviewing result of operation this role plan made up 58 percent's (all 19 projects from those 33 of this suggested projects), which was received the attention and was operated of information suggestion for traveler by infer the obstacle and problem of the Traffic System and Intelligent Transportation. Moreover, they made the Traffic System and Intelligent Transportation strategy to solve currently traffic problems. They, furthermore, made it to be the role plan of the traffic system and intelligent transportation during the years of 2012 and 2017 that the Traffic System and Intelligent Transportation will be efficiently and enduring carried out.

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Thesis Advisor's signature