

Weerayuth Wattanatham 2011: Factors Effected Passengers' Decision of Using Suvarnabhumi Airport Rail Link. Master of Engineering (Civil Engineering), Major Field: Civil Engineering, Department of Civil Engineering. Thesis Advisor: Associate Professor Pongsak Suriyavanagul, M.Eng. 69 pages.

The purpose of study is all factor study about passengers' decision to choose servicing use and analyse and compare how many amounts of passengers are before and after the rail transport service opening. They will choose servicing use of the of a rail transportation system to link to Suvarnabhumi airport and Airport Rail Link Stations located in the city stations. By use a Logistic Regression Analysis method for study before the service opening and studying by comparing amounts of passengers to choose servicing use by forecast before it to amount of passengers after it of the system to link to the airport and the stations located in the city stations. The result of study finds that all factors effect decision on servicing use such as time saving, convenience, fast travelling, quality and save for travelling. There are services of routes responding the want of the passengers. They would like to test by servicing use. And after comparing amounts of passengers before and after servicing use, there are lesser amounts of them than amounts of them predicted before servicing opening in a plenty of amounts. The causes of this problem are the passengers not living around the service area, having a lot of belongings, spending time to travel more than other ways, having in many company ,expensing too much for travelling, not knowing the route of service exactly and most of people have not known many details of the project.

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Thesis Advisor's signature