

Tanongsak Turaphun 2014: A Study of Kiss-and-Ride Driver's Behaviors Pick up and Drop off at Mass Transit Station : No Park-and-Ride Station only. Master of Engineering (Civil Engineering), Major Field: Civil Engineering, Department of Civil Engineering. Thesis Advisor: Associate Professor Pongsak Suriyavanagul, Ph.D. 153 pages.

The objective of this research is to study pick-up and drop-off behavior at mass transit station and to study the passenger's mode transfer behavior via multilink transportation including drivers' behavior at kiss-and-ride areas in front of mass transit station. Difficulties concerning parking maneuvers are the main cause of traffic congestion around the kiss-and-ride area and adjacent areas. Non-participant observations during morning and evening rush hour and non rush hour periods will be used for analyses. Results can be used to develop the guideline for controlling and mitigating the problem including the suggestion of more efficient measures for kiss-and-ride area management.

Results of the study showed The driver to stop the car to behave. Pick up and drop off passengers on the lane in the position near the entrance - exit the most. Except for the areas to stop the car to pick up and drop off passengers in Kiss-and-Ride is separated from the main traffic in the study area 3 Kamphaeng Phet Station Exit 1, which the driver can use this area to pick up and drop off passengers to 97.12% on weekdays and 94.62% for the week, making the area not occur. impact on the main traffic From stopping to pick up and drop off passengers. The behavior unloading passengers in the park waiting or wait to give maximum time. Gate entrance and exist station with facilities for the comfortable traveling over priority is used for travel connected high as. Hua Lamphong Station Exit 1 area of study 1, which was used to pick up and drop off passengers than the Exit 4 to close to 1.20 times on weekdays and 1.30 times on the day, including the number of travelers was higher as well.

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Student's signature

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Thesis Advisor's signature