

Travel time prediction model for bus-based Transitways

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Public transportation is a system of transport for users as a group of people usually managed on a schedule and operated on established routes. Making public transportation more attractive to users and more efficient to operate are effective ways of decreasing transport problems in big cities. One of the important factors to achieve this goal is the prediction of travel time. Transitways are routes designed for use by public transportation, such as a busway or light rail which often involve a higher level of investment than public transport lanes, but they provide the highest level of public transport speed, reliability, and comfort. This paper focuses on bus-based transitways and presents a model of travel time prediction for them.