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## REFERENCES

- Bladikas, A.K., Tsai, F.M., and Chien, I-J. (2009). Evaluation of bus travel time and schedule adherence under adverse weather. Paper presented in the 88<sup>th</sup> Annual Meeting of Transportation Research Board, Washington D.C., 2009.
- Dueker, K.J., Kimpel, T.J., and Strathman, J.G. (2004). Determinants of bus dwell time. *Journal of Public Transportation*, 7(1), 21-40.
- Fernandez, R., Zegers, P., Weber, G. and Tyler, N. (2010). Platform height, door width and fare collection on public transport dwell time: A laboratory study. Paper presented in the 12<sup>th</sup> World Conference on Transport Research, Lisbon, Portugal, July 11<sup>th</sup>-15<sup>th</sup> 2010.
- Fu, L. (2003). On planning and design of flex-route transit services. *Transportation Research Record*, 1791, 59-66.
- Geer Mountain Software Corporation. StatFit Version 2. <http://www.geerms.com/index.htm>. Accessed 1st January 2013.
- Jaiswal, S., Bunker, J.M., and Ferreira, L. (2007). Operating characteristics and performance of a busway transit station. Paper presented in the 30th Australasian Transport Research Fourm (ATRF), 25 - 27 September 2007, Melbourne, Australia.
- Jaiswal, S., Bunker, J.M., and Ferreira, L. (2009). Effects of fare collection policy on operating characteristics of a Brisbane busway station. In Proceedings of : ATRF 2009 : 32nd Australasian Transport Research Forum : The Growth Engine : Interconnecting Transport Performance, the Economy and the Environment, 29 Sep. - 01 Oct. 2009, Auckland, New Zealand.
- Levinson, H.S. (1983). Analyzing transit travel time performance. *Transportation Research Record*, 915, 1-6.
- Li, M.T. and Li, S.C. (2006). A simulation model for estimating bus dwell time by simultaneously considering numbers of alighting and boarding passengers at stop level. *Transportation Research Record*, 1971, 59-65.
- Maloney, M. and Boyle, D. (1999). Components of travel time on the Glendale Beeline bus network. *Transportation Research Record*, 1666, 23-27.
- Pretty, R.L and Russel D.J. (1988). Bus boarding rates. *Australian Road Research*, 3(18), 145-152.
- Quadstone Ltd. (2013). Quadstone Paramics. [www.paramics-online.com](http://www.paramics-online.com). Accessed 1<sup>st</sup> January 2013.
- Visual Solutions (2013). Vissim: A graphical language for simulation and model-based embedded development. [www.vissim.com](http://www.vissim.com). Accessed 1<sup>st</sup> January 2013.
- York, I.O. (1993). *Factors affecting bus-stop times*. Transport Research Laboratory, Project Report PR 2, Crowthorne.