

| UTC Project Information | |
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| Project Title | Assessing the Efficiency of Mass Transit Systems in the United States (Original Title: Developing Public-Private Partnerships for Improving Regional Mass Transit Services in the United States) |
| University | Bowling Green State University Mineta National Transit Research Consortium |
| Principal Investigator | Hokey Min, Ph.D. |
| PI Contact Information | Department of Management Bowling Green State University Bowling Green, OH 43403 hmin@bgsu.edu 419-372-3442 |
| Funding Source(s) and Amounts Provided (by each agency or organization) | Research and Innovative Technology Administration University Transportation Centers Program (\$58,245) Bowling Green State University (\$58,245) |
| Total Project Cost | \$116,490 |
| Agency ID or Contract Number | DTRT12-G-UTC21 |
| Start and End Dates | December 2013 – December 2016 |
| Brief Description of Research Project | In times of budget cuts and government downsizing, the mass transit authority alone cannot create needed financial and human resources. As a viable strategic alternative, this project proposes the development of public-private partnerships (PPPs) which can help the mass transit authority reduce its financial burdens to expand and sustain capital-intensive mass transit systems. The PPP also makes sense for private enterprises, because many of their employees and customers are likely to use mass transit systems for commute, social, and business related activities. Indeed, private enterprises supported by PPPs can yield significant managerial benefits through improved transportation infrastructure, higher supply chain velocity (e.g., shorter lead time), greater public exposure, and economic spillover effects resulting from capital investment in the mass transit system. Considering the synergistic benefits of PPPs, this proposed project will develop viable planning policy guidelines which can help the transit authority better exploit PPP opportunities, effectively manage its revenue streams, and make the best use of government funds and taxpayers' monies, while assessing the various impacts of PPPs on mass transit systems and the regional community's socio-economic welfare. |

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| <p>Describe Implementation of Research Outcomes (or why not implemented)</p> | <p>Research in progress.</p> <p>Min, Hokey. (2014). "Public-Private Partnerships for Improving the Regional Mass Transit System: A Case Study of the Toledo Area Regional Transit Authority." <i>International Journal of Logistics Systems and Management</i>, Vol. 17, No. 2, February 26, 2014.</p> <p>Min, Hokey. "Planning and Improving Urban Mass Transit Systems." Presentation at the 13th Annual Hawaii International Conference on Social Sciences, Honolulu, HI, May 28, 2014.</p> <p>Min, Hokey. "Public-Private Partnerships for Improving Mass Transit Systems in Ohio." Presentation at the Spring CPD Conference & Annual Member Meeting, Toledo, OH, June 14, 2014.</p> <p>Min, Hokey. "The Impact of Urban Sprawl on Journey to Work Times for Mass Transit Commuters in the United States." Presentation at the Midwest Political Science Panel, Chicago, IL, April 19, 2015.</p> <p>Min, Hokey and Ahn, Young-hyo (2015). "Dynamic Benchmarking of Mass Transit Systems in the United States using Data Envelopment Analysis and the Malmquist Productivity Index." Under review by Journal of Business Logistics.</p> <p>Lambert, Thomas, Min, Hokey, and Dorriere, Kyle (2015), "The Impact of Urban Sprawl on Journey to Work Times for Mass Transit Commuters in the United States: Research Notes," Under review by Journal of Transportation Management.</p> <p>Min, Hokey, Ahn, Youngho, and Lambert, Thomas (2015), "Improving Mass Transit Systems in the United States based on Best-in Class Practices: Policy Implications." Conditionally accepted for publication in International Journal of Logistics Management.</p> |

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| Place Any Photos Here | |
| Impacts/Benefits of Implementation (actual, not anticipated) | |
| Web Links <ul style="list-style-type: none">• Reports• Project Website | Final report (MNTRC Website): Final report (TRB Website): |