

INDIANA MOBILITY REPORTS

1. Day, C., S.M. Remias, H. Li, M. Mekker, M. McNamara, E. Cox, D. Horton, and D.M Bullock, "2013–2014 Indiana Mobility Report: Full Version," Indiana Mobility Reports, Purdue University, West Lafayette, IN., 2014. DOI: 10.5703/1288284315508
2. Remias, S.M., T. Brennan, C. Day, H. Summers, E. Cox, D. Horton, and D. Bullock. "2012 Indiana Mobility Report: Full version," Indiana Mobility Reports, Purdue University, West Lafayette, IN., 2013. DOI: 10.5703/1288284315190, ISBN 978-1-62260-257-D.
3. Remias, S.M., T.M. Brennan, G.Grimmer, E. Cox, D. Horton, and D.M. Bullock, "2011 Indiana Interstate Mobility Report: Full Version," Indiana Mobility Reports, Purdue University, West Lafayette, IN., 2012. DOI: 10.5703/1288284314680.

(Received 2013 ITE Award for ITS Best Project Achievement Award.)

RELATED PUBLICATIONS (as of 3/31/2015)

1. Remias, S.M., M.M. Mekker, M.L. McNamara, J.R. Sturdevant, E. Cox and D.M. Bullock, "Assessment of Speed Limit Locations Using Crowdsourced Probe Vehicle Data," Transportation Research Record: Journal of the Transportation Research Board, Paper No. 15-1918, in press..
2. Day, C.M, S.M. Remias, H. Li, M.M. Mekker, M.L. McNamara, D.M., "Performance Ranking of Arterial Corridors Using Travel Time and Travel Time Reliability Metrics," Transportation Research Record: Journal of the Transportation Research Board, Paper No. 15-0063, in press.
3. Li, H., S.M. Remias, C.M. Day, M.M. Mekker, J.R. Sturdevant and D.M. Bullock, "Shockwave Boundary Identification Using Cloud-Based Probe Data," Transportation Research Record: Journal of the Transportation Research Board, Paper No. 15-0714, in press..
4. Remias, S.M., T.M. Brennan, C.M. Day, H.T. Summers, D.K. Horton, E.D. Cox and D.M. Bullock, "Spatially Referenced Probe Data Performance Measures for Infrastructure Investment Decision Makers," Transportation Research Record: Journal of the Transportation Research Board, No. 2420, pp. 33-44, 2014. DOI: 10.3141/2420-04.
5. Remias, S.M., A.M. Hainen, C.M. Day, T.M. Brennan, H. Li, E. Rivera-Hernandez, J. Sturdevant, S.E. Young, and D.M. Bullock, "Performance Characterization of Arterial Traffic Flow with Probe Vehicle Data," Transportation Research Record: Journal of the Transportation Research Board, No. 2380, pp. 10-21, 2013. DOI: 10.3141/2380-02.
6. Brennan, T.M., S.M. Remias, G.M. Grimmer, D.K. Horton, E. D. Cox, and D.M. Bullock, "Probe Vehicle Based Statewide Mobility Performance Measures for Decision Makers," Transportation Research Record: Journal of the Transportation Research Board, No. 2338, pp. 78-90, 2013. DOI: 10.3141/2338-09.

RELATED PROCEEDINGS (as of 3/31/2015)

1. Remias, S.M., H. Li, E. Cox, M. Craven, D.M. Bullock, "Utilizing Probe Data for Statewide Monitoring of Workzone Queues and Incident Detection," Submitted to the 22nd ITS World Congress, Bordeaux, France, October 2015.
2. McNamara, M., S.M. Remias, H. Li, D.M. Bullock, "Development of a Real-Time Web-Based Dashboard for Interstate Performance Measurement," Submitted to the 25th Annual Intelligent Transportation Systems Annual Meeting & Expo, Pittsburgh, PA, June 2015.
3. Mekker, M., M. McNamara, S.M. Remias, H. Li, D.M. Bullock, "Evaluation of Temporary Construction Point Traffic Detectors for Construction Zone Traffic Monitoring," Submitted to the

25th Annual Intelligent Transportation Systems Annual Meeting & Expo, Pittsburgh, PA, June 2015.

4. Brennan, T.M., S.M. Remias, D.K.Horton, D.M.Bullock, "Regional Travel Time Reliability Estimation Techniques," 5th International Symposium on Transportation Network Reliability. December 2012.
5. Remias, S.M., T. Brennan, C. Day, A. Hainen, and D. Bullock, "Characterizing Urban Mobility and Travel Time Reliability along Signalized Corridors using Probe Data," International Scientific Conference on Mobility and Transport, Munich, Germany. June 2013.