



GUIDELINES

for

MAINTENANCE OF TRAFFIC SIGNAL ACTUATION AT SIGNALIZED INTERSECTIONS WITH NON-INTRUSIVE TECHNOLOGIES

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Authors: *Khue Ngo-Quoc, Kangyuan Zhu*



**Traffic Engineering & Operations Office
Florida Department of Transportation**



**Department of Electrical and Computer Engineering
College of Engineering - Florida State University**

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12. Abstract This handbook describes the various vehicle (and pedestrian) detection technologies currently available today. The main section of this handbook is the Maintenance of Traffic During Construction Guide detailing how a contractor chooses and uses a particular “non-intrusive” vehicle detection device to maintain actuation at a signalized intersection during construction. The chapters of the guideline are as follows: Chapter 1: Introduction; Chapter 2: Type of Vehicle Detections; Chapter 3: Factors Affecting Performances of Non-intrusive Vehicle Detectors; Chapter 4: Capability of Non-intrusive Vehicle Detectors; Chapter 5: Cost Study of Non-intrusive Vehicle Detectors; Chapter 6: General Guidelines for Detector Selection at Signalized Intersection During Maintenance of Traffic. Appendix A: State of Florida Department of Transportation Non-intrusive Vehicle Detection Systems Standard and Specifications. Appendix B: Survey the Need of Maintanance of Traffic at Signalized Intersections.			
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- Bing W. Kwan, Professor of Department of Electrical and Computer Engineering, Florida State University
- Virgil W. Ping, Professor of Department of Civil and Environment Engineering, Florida State University

ABOUT THE AUTHORS

Khue Ngo-Quoc currently is Lead Research Associate at Florida Department of Transportation – Traffic Engineering Research Laboratory, a joint effort between the Florida Department of Transportation – Traffic Engineering and Operations Office and the FAMU – FSU Departments of Electrical & Computer, Industrial and Civil Engineering. His research expertise includes ITS (Intelligent Transportation System) Applications, Travel Time Study, Vehicle Detection Systems, Wireless Communication and Mobile Network, NTCIP (National Transportation Communications for Intelligent Transportation System (ITS) Protocol), Dynamic Message Signs Testing.

Kangyuan Zhu is former research associate at Florida Department of Transportation – Traffic Engineering Research Laboratory. Now, he is a graduate research assistant in Department of Civil Engineering at University of Virginia. His research interest lies on Dynamic Traffic Assignment, Work Zone Planning and Management, Evaluation of Traffic Simulation Software, and Intelligent Transportation Systems.

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