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As an example, an agency could create (or use its existing) performance measures analyzing the failure of vehicle detection devices and directly relate these measures to Federal performance measures and standards for the following goals: 1 (Safety), 2 (Infrastructure Condition), 3 (Congestion Reduction), 4 (System Reliability), and possibly goals 5 and 6. At IMSA’s conference in Orlando this July, Dr. Pei-Sung Lin and Aldo Fabregas of the University of South Florida discussed just such an algorithm at their presentation: The Impact of Detection and Communication Degradations on Traffic Signal System Performance relating traffic delay to vehicle detection (and communication) failures as in the previous example. Here is a challenge to nearly everyone in the maintenance and operations community, whether you are installing signs, operating a Traffic Management Center or maintaining street lights to take those old performance measures or to create new ones and show how what you do is a part of meeting these national goals—likely similar to your local goals too—and/or what you will need to meet these goals.

A great source for the most current links for MAP-21 information across the stakeholder spectrum is at the Transportation Issues Daily website and its “MAP-21 Learning Center.” Link to: http://www.transportationissuesdaily.com/map-21-learning-center/.

Pictured L to R: Aldo Fabregas and Dr. Pei-Sung Lin.