As President of the IBTTA in 2012, I have adopted the theme “ Delivering Real Solutions.” I decided on this theme as I have watched the tolling industry evolve quickly to a 21st century powerhouse; able to provide cheap, flexible, dependable, customer oriented, efficient, transparent, and accountable highway transportation services in our demanding and changing marketplace. More than ever, we work harder and we work smarter, because we are in a constant state of evolution, keeping alive our values of good engineering judgment for the public interest, and constantly reinventing our ingenuity and embracing the technology and management tools our industry produces.

The financial crunch and the fiscal crisis have created a new scenario, which is here to stay. Nothing is going to be the same as before. It looks like a number of quantum leaps are coming in the very near future. We still do not know what many of these new realities are going to look like, but it seems clear that paying for the use of surface transportation infrastructure will soon be a daily aspect of our lives. Governments need our hard work to deliver sustainable and reliable solutions.

Now is the perfect time to step up as that powerhouse. Our industry is coming together in ways we only hoped for just a few years ago; we are learning from each other every day and participating in discussions that generate real ideas. Our advocacy is reaching out even further to gather the support we so greatly need. Our ideas are highlighted even more so in this edition of Tollways. We hope you enjoy them!

Jordi Graells
President, Abertis USA Corp., 2012 IBTTA President
FROM THE EXECUTIVE DIRECTOR & CEO

This issue of Tollways is full of robust articles supporting the theme “Delivering Real Solutions.” We explore important topics such as electronic tolling and Vehicle-Miles Traveled (VMT) Charging versus current fuel-based taxes. We’ll then travel across the United States to explore how state infrastructure projects are flourishing, and how Public-Private Partnerships (P3s) in Europe can be a positive influence on United States infrastructure policy. Finally, we get a look at what it takes to ensure successful infrastructure project delivery.

Bob Poole discusses why current infrastructure funding sources are inadequate in today’s economy. He then goes on to highlight a three-tiered system for gaining public acceptance of VMT Charging.

Building on Poole’s foundation, Bern Grush looks at the progress of VMT Charging in the United States through the lens of a popular management model that focuses on five critical components: Vision, Skills, Incentives, Resources, and a unique, viable Action Plan.

Gretchen Ivy examines the critical success factors that enabled the Missouri Department of Transportation (MoDOT) to receive approval to toll the I-70 under the Interstate System Reconstruction and Rehabilitation Pilot Program (ISRRPP).

Massoud Moradi, P.E., and Dr. Haitham Al-Deek, P.E., further explore the possibility of mileage-based user fees by comparing the current per gallon motor fuel taxes in Florida with a theoretical VMT Charging system.

Dr. James Weiss, Jerzy Smagoswki, and Nigel Lewis document the story of private sector participation in the development of the Polish A2 Toll
Motorway in the corridor between Warsaw and Berlin. At the time of financial close in October 2000, it was one of the largest public-private partnership (PPP) infrastructure projects in Central and Eastern Europe.

Emanuela Stocchi describes EasyWay, the first European project on Intelligent Transportation Systems (ITS) aimed at defining and sustaining the use of the most up-to-date technologies applied to road transportation.

Fred Philipson explores the evolution of toll technologies around the world that are paving the way to All-Electronic Toll (AET) collection and Vehicle-Miles Traveled (VMT) fees.

Finally, IBTTA President Jordi Graells examines the market potential of converting roughly 10,000 miles of interstate highways into revenue generating, self-sustaining toll roads.

We hope you enjoy this collection of articles that further explore the possibility of “Delivering Real Solutions.”

Patrick Jones
Executive Director & CEO, IBTTA, Washington, DC
Tollways strives to be a principal agenda-setting publication for the transportation industry, providing a serious source of original thinking to advance the performance of organizations engaged in tolling and other direct user-fee financed transportation services and their leaders. Tollways is published by the International Bridge, Tunnel and Turnpike Association and distributed to its member company representatives. IBTTA also distributes copies to key public officials and policy makers.

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