ITS Program Advisory Committee Teleconference  
December 16, 2014

Summary of Proceedings

CONTENTS

<table>
<thead>
<tr>
<th>Subject</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. General</td>
<td>2</td>
</tr>
<tr>
<td>2. Meeting Attendance</td>
<td>2</td>
</tr>
<tr>
<td>3. Meeting Agenda</td>
<td>3</td>
</tr>
<tr>
<td>4. Summary of Proceedings</td>
<td>3</td>
</tr>
<tr>
<td>a. Welcome Remarks – Mr. Glasscock</td>
<td>3</td>
</tr>
<tr>
<td>b. Meeting Purpose – Chairman Kenner</td>
<td>3</td>
</tr>
<tr>
<td>c. Mobility and Sharing Economy Discussion – Dr. Shaheen</td>
<td>4</td>
</tr>
<tr>
<td>d. Discussion of Potential Topics – Chairman Kenner</td>
<td>4</td>
</tr>
<tr>
<td>(1) ITS Strategic Plan 2015 – 2019</td>
<td>5</td>
</tr>
<tr>
<td>(2) Multimodal Transportation, including transit and shared-use mobility</td>
<td>5</td>
</tr>
<tr>
<td>(3) Data Policy</td>
<td>5</td>
</tr>
<tr>
<td>(4) Institutional Issues</td>
<td>5</td>
</tr>
<tr>
<td>(5) Future +10 years – U.S. DOT Secretary’s 30-year briefing</td>
<td>6</td>
</tr>
<tr>
<td>5. Review of Action Items</td>
<td>6</td>
</tr>
<tr>
<td>6. Summary and Adjourn</td>
<td>7</td>
</tr>
</tbody>
</table>
1. General


b. This document provides a summary of the teleconference proceedings. For more details on the proceedings, please refer to the teleconference transcript, which is available, along with other meeting materials, in the December 16, 2014 section of the ITSPAC website at http://www.its.dot.gov/itspac/index.htm.

2. Meeting Attendance

a. Committee members:

   Mr. Scott Belcher, Chief Executive Officer, Telecommunications Industry Association
   Mr. Roger Berg, Vice President, Wireless Technologies, DENSO International America, Inc.
   Mr. Joseph Calabrese, CEO, Greater Cleveland Regional Transit Authority
   Mr. Robert Denaro, Private Consulting Services
   Ms. Ginger Goodin, Director, Policy Research Center, Texas A&M Transportation Institute
   Ms. Debra Johnson, Deputy Chief Executive Officer, Long Beach Transit
   Mr. Steve Kenner, Global Director of Automotive Safety, Ford Motor Company, Committee Chairman
   Mr. J. Peter Kissinger, President and Chief Executive Officer, American Automobile Association Foundation for Traffic Safety
   Mr. Scott McCormick, President, Connected Vehicle Trade Association
   Ms. Tina Quigley, General Manager, Regional Transportation Commission of Southern Nevada
   Mr. Brian Schromsky, Director, Federal Government and Public Safety, Verizon Wireless
   Dr. Susan Shaheen, Adjunct Professor, Civil and Environmental Engineering, University of California, Berkeley
   Ms. Sheryl Wilkerson, Vice President, Federal Government Affairs, Michelin North America

b. U.S. DOT:

   Mr. John Augustine, Managing Director, ITS Joint Program Office, Office of the Assistant Secretary for Research Technology, U.S. Department of Transportation
   Mr. Brian Cronin, Research and Demonstration Team Leader, ITS Joint Program Office, Office of the Assistant Secretary for Research Technology, U.S. Department of Transportation
   Mr. Kevin Dopart, Vehicle Safety and Automation Program Manager, ITS Joint Program Office, Office of the Assistant Secretary for Research Technology, U.S. Department of Transportation
Mr. Stephen Glasscock, Program Coordinator, ITS Joint Program Office, Office of the Assistant Secretary for Research Technology, U.S. Department of Transportation, Committee Designated Federal Official
Mr. Ken Leonard, Director, ITS Joint Program Office, Office of the Assistant Secretary for Research Technology, U.S. Department of Transportation

3. Meeting Agenda

a. Welcome Remarks
b. Meeting Purpose
c. Mobility and Sharing Economy Introduction
d. Discussion of Potential Topics
   (1) ITS Strategic Plan 2015 – 2019
   (2) Multimodal Transportation
   (3) Data Policy
   (4) Institutional Issues
   (5) Future + 10 Year – U.S. DOT Secretary’s 30-year Briefing
e. Review of Action Items
f. Summary and Adjourn

4. Summary of Proceedings

a. Welcome Remarks – Mr. Glasscock

   Mr. Glasscock welcomed Committee members, conducted a roll call, and turned the meeting over to Chairman Kenner.

b. Meeting Purpose – Chairman Kenner

   Chairman Kenner stated that the purpose of the meeting was to reach agreement on potential topics the Committee would explore at its February 2015 face-to-face meeting
and to identify guest speakers or other information resources to facilitate a productive discussion of the topic at the February meeting. Additionally, the Committee would discuss scheduling options for the February meeting.

c. Mobility and Sharing Economy Discussion – Dr. Shaheen

(1) Dr. Shaheen presented an overview of shared-use mobility. Her presentation focused on key trends, factors influencing the acceleration of these activities, the definition of shared-use mobility, and key policy issues. For details of the presentation, see Mobility Sharing Economy Shaheen Presentation in the December 16, 2014 section of the ITSPAC website at http://www.its.dot.gov/itspac/index.htm.

(2) Dr. Shaheen summarized as follows:

(a) Shared-use mobility services are continuing to grow.

(b) Challenges remain, such as equity, scaling the market, and blurring of lines in terms of the policy landscape.

(c) More and more of these new services focus on not only providing shared-use mobility, but also on integration of these services overall.

(d) More public transit integration is needed.

(e) There is a need to balance open data and privacy.

(f) There is a need for more focus on preparing for the future.

d. Discussion of Potential Topics – Chairman Kenner

(1) Chairman Kenner thanked Dr. Shaheen for an outstanding presentation and transitioned the proceedings to discussion of potential topics that the Committee has identified for inclusion in its advice to the Secretary. The Committee also discussed the information and/or guest speakers they would need to assist in their study of the topics. The Committee identified the following potential topics for future study:

(a) ITS Strategic Plan 2015 – 2019

(b) Multimodal transportation

(c) Data policy

(d) Institutional issues

(e) Future + 10 year – U.S. DOT Secretary’s 30-year briefing
(2) ITS Strategic Plan 2015 – 2019. At Chairman Kenner’s request, Mr. Leonard provided an update on the ITS Strategic Plan 2015 – 2019, highlighting the following six elements of the Plan:

(a) Connected vehicles

(b) Automated vehicles

(c) Enterprise data

(d) Interoperability

(e) Technology assistance, deployment, and adoption

(f) Emerging technologies

(3) Multimodal Transportation (transit, shared-use mobility, and freight)

(a) Mr. Belcher recommended Randy Iwasaki, the chair of the U.S. DOT’s National Freight Advisory Committee, and an ITS America study on the deployment of ITS technologies in large fleets, to provide background information on the state of deployment in freight.

(b) Ms. Wilkerson suggested the European SARTRE (Safe Road Trains for the Environment) Project as information on platooning and freight.

(c) Dr. Shaheen was identified to provide information on what areas of shared-use mobility, if any, relate to the research and work conducted by the ITS JPO.

(4) Data Policy

(a) There was no consensus on whether or not the Committee could add value to the ITS Program in the data policy area.

(b) In response to questions on the state of U.S. DOT data policy and research, Mr. Leonard agreed to invite Dan Morgan, U.S. DOT Chief Data Officer, to brief the Committee on this topic in February.

(5) Institutional Issues (funding, administration, implementation, and deployment incentives)
(a) There was general consensus that institutional issues are areas where the Committee’s collective expertise and experience could provide value to the U.S. DOT.

(b) There was particular interest in the AASHTO footprint analysis, the recently issued FHWA Vehicle to Infrastructure Deployment Guidance, and the affiliated test bed. Bob Arnold, Director, FHWA Office of Transportation Management, was identified as a resource for information on the AASHTO footprint, and Walt Fehr, ITS JPO Systems Engineering Program Manager, as a resource for information on the affiliated test bed.

(c) There also was interest expressed in learning more about future connected vehicle training requirements from an ITS Professional Capacity Building (PCB) program representative. Mac Lister, ITS JPO Knowledge and Technology Transfer Program Manager; Tyler Poling, Booz Allen Hamilton; and Elaina Farnsworth, Connected Vehicle Trade Association, were identified as a potential resources for this purpose.

(6) Future +10 years – U.S. DOT Secretary’s 30-year briefing

(a) There was agreement that scenario planning is an effective process for long-term planning, but perhaps too time consuming for ITSPAC purposes.

(b) Vice Chairman Wilkerson suggested that some form of scenario planning on a relatively reduced scale by the ITSPAC could lead to the identification of scenarios that might be useful to the U.S. DOT’s long-term planning.

5. Review of Action Items

a. Mr. Glasscock will coordinate with Chairman Kenner and Vice Chairman Wilkerson to confirm the Committee’s interest in topic briefings and guest speakers.

b. The ITS JPO will invite the selected guest speakers to brief the Committee at their February meeting.
6. Summary and Adjourn

The meeting adjourned at 4:45 p.m.

We certify, to the best of our knowledge, that the foregoing minutes are accurate and complete.

Ken Leonard
Director, Intelligent Transportation Systems Joint Program Office
Office of the Assistant Secretary for Research and Technology
U.S. Department of Transportation

Steve Kenner
Committee Chairman
Global Director of Automotive Safety
Ford Motor Company