



Summary of Proceedings  
ITS Program Advisory Committee Meeting  
August 11, 2016

CONTENTS

<u>Subject</u>	<u>Page</u>
1. General.....	2
2. Meeting Attendance.....	2
3. Meeting Action Items.....	3
4. Meeting Agenda.....	3
5. Summary of Proceedings.....	3
a. Welcome Remarks.....	3
b. Opening Remarks.....	4
c. Report to Congress Responses.....	4
d. Subcommittee Topic Discussion.....	4
e. Proposed Advice Memorandum Subtopics and Themes.....	4
f. ITS JPO and Strategic Plan Updates.....	5
g. Subcommittee Assignments.....	6
h. Discussion of 5.9 GHz Ruling.....	7
i. Discussion of Action Items and Next Meeting.....	7
6. Adjourn.....	8

## 1. General

- a. The Intelligent Transportation Systems (ITS) Program Advisory Committee (ITSPAC) met August 11, 2016 at the Crystal Gateway Marriott Hotel, Arlington, Virginia 22202.
- b. This document provides a summary of the meeting proceedings. The meeting transcript and other meeting documents are available in the August 11, 2016 section of the ITSPAC website at <http://www.its.dot.gov/itspac/index.htm>.

## 2. Meeting Attendance

- a. Committee members

Mr. Steve Albert, Director, Western Transportation Institute

Mr. Scott Belcher, CEO, Telecommunications Industry Association

Mr. Roger Berg, Vice President, North America R&D, DENSO International America, Inc.

Mr. Joseph Calabrese, CEO, Greater Cleveland Regional Transit Authority

Mr. John Capp, Director, Electric and Control Systems Research and Active Safety Strategic Lead, General Motors Corporation

Mr. Bob Denaro, Consultant, Intelligent Transportation

Ms. Ginger Goodin, Director, Policy Research Center, Texas A&M Transportation Institute

Ms. Debra Johnson, Deputy Chief Executive Officer, Long Beach Transit

Mr. Scott McCormick, President, Connected Vehicle Trade Association

Mr. Joe McKinney, Executive Director, National Association of Development Associations

Mr. Bryan Schromsky, Director of Technology, Verizon Wireless

Mr. Kirk Steudle, Director, Michigan Department of Transportation

Ms. Sheryl Wilkerson, Vice President, Federal Government Affairs, Michelin North America

- b. U.S. Department of Transportation

Mr. Stephen Glasscock, Designated Federal Officer, ITS Joint Program Office

Mr. Ken Leonard, Director, ITS Joint Program Office

Ms. Seneca Soh, Office of the Assistant Secretary for Research and Technology

- c. Others

Mr. Austin Bonner, Esq., Harris, Wiltshire & Grannis

Mr. Brian Hoeft, Regional Transportation Commission of Southern Nevada

Mr. David Kidd, Insurance Institute For Highway Safety

Mr. Al Stern, Citizant

Mr. Craig Updyke, National Electrical Manufacturers Association

### **3. Meeting Action Items**

- a. Ms. Wilkerson and Mr. Glasscock will collaborate on developing a poll to send to committee members to solicit preferences on a date in October or November for a face-to-face meeting in the Washington, DC area.
- b. Committee members will convene in Subcommittee to develop recommendations based on the five categories agreed upon by the Committee as a whole.
- c. Mr. Denaro will draft a Committee letter in support of the DSRC at 5.9 GHz spectrum issue that will be sent to the FCC.

### **4. Meeting Agenda**

- a. Welcome Remarks
- b. Opening Remarks
- c. Review of Report to Congress Responses
- d. Subcommittee Topic Discussion
- e. Proposed Advice Memorandum Subtopics and Themes
- f. ITS JPO and Strategic Plan Updates
- g. Subcommittee Assignments
- h. Discussion of 5.9 GHz Ruling before the FCC
- i. Action Items and Next Meeting

### **5. Summary of Proceedings**

- a. Welcome Remarks
  - (1) Mr. Glasscock, Committee Designated Federal Officer, welcomed committee members, reviewed meeting “housekeeping” rules, and announced that, due to a scheduling conflict, Ken Leonard, ITS Joint Program Office Director, would be joining the meeting later in the day.
  - (2) Mr. Glasscock also informed the committee that committee reappointments, along with new appointments, continue to be processed through the Office of the Secretary of Transportation.

b. Opening Remarks

- (1) Ms. Wilkerson, Committee Chairperson, welcomed participants and thanked the ITS JPO for its support and committee members for taking time from their busy schedules to serve on the committee. She also noted that today's schedule would be rather flexible due to the change in time when Mr. Leonard would be making his presentation.
- (2) Ms. Wilkerson and Mr. Glasscock then walked the Committee members through the advice memorandum schedule, with the ultimate goal of providing recommendations to Congress in January of 2018.
- (3) Mr. McCormick raised an issue that he felt needed Advisory Committee attention; he noted that the US Postal Service was purchasing several thousand vehicles without any provision for ITS-related safety measures; Ms. Wilkerson agreed that this should be discussed, but asked that it be brought up at a later time.
- (4) The Committee members were then informed about a number of upcoming conferences and meetings that would be occurring in the near future. Mr. McCormick discussed a connected vehicle meeting coming up in October, and Mr. Belcher mentioned that TIA will be having a "conference of the future" in November. Finally, Mr. Steudle noted that there will be a Rural Mobility conference in Detroit in late September.

c. Review of Report to Congress Responses

- (1) Ms. Wilkerson asked that the Committee's Report to Congress (that includes the ITS JPO's responses to the issues that were raised), be distributed to the members for a short review before discussing their reactions. She also noted that the next advice memorandum was due to the ITS JPO by January 1, 2017.
- (2) After taking time to review the document, the Committee members mentioned that many of the responses had to do with the limited amount of funds in the JPO budget. Mr. Glasscock informed the group that, for the current year's budget and next, a substantial amount of funds were set aside for the Smart Cities challenge, thus limiting the JPO's ability to address many of the Committee's recommendations.
- (3) After discussion of the document, Ms. Wilkerson summed up the topics that the Committee may wish to ask Mr. Leonard when he arrives later in the day. She thought it would be worthwhile to focus on shared mobility, inclusivity and other related policy issues, in addition to the question of how procurements for grants and partnerships should be handled in future competitions of that nature.

d. Subcommittee Topic Discussion

- (1) Ms. Wilkerson briefly reviewed the responses to the subcommittee subject areas that were received from Committee members. The goal for this discussion is to determine who will serve on each subcommittee, and how the recommendations will be developed under each one.
- (2) Ms. Wilkerson suggested the Committee focus on committing to three issue focus areas; in addition, she asked the members to prioritize them based on importance. Mr. McCormick felt that the category identified as “Reaffirmation of the ITS Program Accomplishments” should be considered cross-cutting across all subcommittees.
- (3) Ms. Wilkerson then facilitated a discussion that yielded four topic categories that could facilitate subcommittee discussions and the development of focused recommendations. The following topics were identified for that purpose:
  - (a) traffic safety culture;
  - (b) automation/connected vehicles;
  - (c) technology and active transportation; and
  - (d) rural development assistance.

The reaffirmation of ITS Program accomplishments would be a cross-cutting topic area.

e. Proposed Advice Memorandum Subtopics and Themes

- (1) Ms. Wilkerson recommended that discussion be focused on developing additional subtopics and themes to flesh out the framework just established. She asked that the discussion wrap up around the noon hour, after which Mr. Leonard of the JPO would be making his presentation.
- (2) Regarding traffic safety culture, Ms. Johnson felt that additional concerns over pedestrian and bicycle safety need to be addressed. In addition, how those roadway users interact with transit vehicles was paramount. Another concern that needed attention in her opinion involved distractions (both drivers and pedestrians) caused by mobile phones. The members also discussed what types of guest speakers could be invited to address the group in the future to help them formulate their recommendations.
- (3) With regard to automated/connected vehicles, Mr. Denaro suggested asking Mr. Leonard about the JPO’s role in certification, which is going to become critical as more vehicles become automated in the future. The Committee agreed and also asked that attention be focused on prioritization of activities related to connected and automated vehicles.

- (4) In the active transportation category, members felt that additional speakers should be asked to attend future meetings to provide more data on current and ongoing activities. Such organizations as APTA for transit and perhaps a bicycling advocacy group should be able to shed light on where ITS can dovetail with their concerns and activities.
- (5) The need for ITS support for rural areas was also an area of great concern by committee members. Due to technology and infrastructure constraints, many ITS applications cannot be provided in these areas. Mr. Steudle pointed out that, for example, a high percentage of roads in Michigan are gravel, which precludes the use of some ITS-based safety measures. These roadways are heavily used in rural areas and a high proportion of accidents and traffic fatalities occur on them.
- (6) To wrap up the discussions of this segment of the meeting, Ms. Wilkerson suggested the group formulate some questions for Mr. Leonard, who would be speaking to the Committee immediately after lunch. Mr. Capp suggested asking him to help the group prioritize its recommendations in a way that would be most helpful to the JPO.

f. ITS JPO and Strategic Plan Updates

- (1) Following the lunch break, Ms. Wilkerson turned the meeting over to Mr. Leonard for an update on the ITS Program, organizational changes at the JPO and the Strategic Plan.
- (2) Mr. Leonard's presentation included the following major topics:
  - (a) Two new hires at the JPO have filled gaps in the areas of PCB (Professional Capacity Building) and financial management. The organizational structure was also changed recently to allow for two team leads (chiefs) rather than three. Two vacancies are still unfilled, but interviews are scheduled for next month; he said he anticipated being fully staffed in a short while.
  - (b) In response to a question about the DSRC NPRM, Mr. Leonard noted that he cannot predict if and when the rule will be instituted by NHTSA. It is of course, extremely important to furthering our connected vehicle goals, but the process moves at its own pace. He also discussed the three deployment pilots now moving forward in New York, Tampa and Wyoming. He foresaw connected vehicle devices appearing at those sites within a 6-12 month time frame.
  - (c) He then talked briefly about the Smart Cities initiative, which will kick off in September in Columbus, OH. In addition to that far-reaching effort, the JPO is also starting work on a new deployment program (ATCMD) which is planning to fund \$60 million worth of deployment grants for five years. Finally an extended discussion of the 5.9 GHz rule currently before the FCC was held by the Committee.

- (d) Cyber-security was also discussed by Mr. Leonard; Committee members felt that was an extremely critical concern that needed to be well thought-out before automated and connected vehicles became the norm on our highways.
- (e) Ms. Wilkerson then brought up a question previously discussed by the Committee regarding ways that the recommendations made can be most helpful to the JPO. The Committee's goal is to provide meaningful and actionable advice to the JPO, and any guidance would be most appreciated. Mr. Leonard encouraged the Committee to focus recommendations that reflect the Strategic Plan priorities, but that all recommendations are appreciated and will be considered.

g. Subcommittee Assignments

- (1) After a short break, the Committee began the task of assigning members to the five issue areas that would be the focus of subcommittee activities in the coming months. Ms Wilkerson asked that members indicate which subcommittees they were willing to serve on and which they would be interested in chairing or leading. The following five categories were then agreed upon, with members volunteering to serve on the subcommittees discussing each issue:
  - a. Traffic Safety Culture
  - b. Review of ITS Program Accomplishments
  - c. Automation/Interrelationship Between Connected and Automated Vehicles
  - d. Technology and Active Transportation
  - e. Rural Development Assistance
- (2) It was then decided that each subcommittee leader would set up teleconferences with members, with the ultimate goal of presenting recommendations to the Committee at the next face-to-face meeting.

h. Discussion of 5.9 GHz Ruling before the FCC

- (1) As noted earlier in the day, the Committee felt strongly about conveying its support to dedicating the 5.9 GHz spectrum for connected vehicle communications, the ruling currently before the FCC. After some discussion of the content of the recommendations, it was decided that Mr. Denaro would draft a Committee response and circulate it among the membership for comments. Once a final version was agreed upon, the document would be provided to the FCC for its consideration.

i. Action Items and Next Meeting

Ms. Wilkerson reviewed the following actions items:

- (1) Ms. Wilkerson and Mr. Glasscock will collaborate on developing a poll to send committee members to solicit preferences for a date in October or November for a face-to-face meeting in the Washington, DC area.
- (2) Ms. Wilkerson and Mr. Glasscock will collaborate on providing speakers that could address the topic areas raise during today's discussions, whether they be inside the ITS JPO or others in academia or the ITS community.
- (3) Mr. Denaro will collaborate with Committee members to formulate a response to the FCC regarding the 5.9 GHz rule.

## **6. Adjourn**

Chairperson Wilkerson thanked committee members for their participation and adjourned the meeting at 3:57 pm.

We certify, to the best of our knowledge, that the foregoing summary of proceedings is 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

Sheryl Wilkerson  
Committee Chairperson  
Vice President, Federal Government Affairs  
Michelin North America