

# V2I Deployment Coalition

## Deployment Initiatives Technical Working Group (TWG 1)

### October 22, 2015 Webinar

### Notes and Summary of Discussions

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#### Welcome / Overview of Webinar Logistics

Bill Legg welcomed the attendees. A list of those in attendance is provided at the end of these notes. This list may not be comprehensive, as attendees may have joined late and were not identified on the webinar. Please contact Dean Deeter at [deeter@acconsultants.org](mailto:deeter@acconsultants.org) to be added to the list.

#### TWG Coordination on Issues

Bill Legg commented that the chairs of each working group have been holding conference calls to discuss the coordination across working groups to address the issues. Bill discussed how TWG 1 will coordinate with other working groups specifically on issues #1 and #7. Fishbone diagrams have been developed to highlight the planned activities of each TWG. Note: fishbone diagrams for issues #1 and #7 are included in the meeting presentation.

#### Survey

Bill updated members that the V2I applications survey had been sent out on Monday October 19, 2015. The survey was sent to 45 recipients and can be emailed to additional individuals, if needed. As of the morning of October 22, 2015 there had been 12 responses to the survey.

#### Understanding Benefits and Costs of V2I

Bill introduced the topic of Issue #7 (understanding the benefits and costs of V2I deployments). As discussed with other TWGs, the role of TWG 1 will be to facilitate presentations by the existing (ongoing or completed) Connected Vehicle Benefit Cost studies in the form of webinars during the months of November and December. Other TWGs will be invited to these webinars, and they will use the information they gather to perform their actions to address Issue #7.

Because the 4<sup>th</sup> Thursday of the month during November and December fall on holidays, TWG 1 does not have any planned webinars for these months. However, the Benefit/Cost webinars will replace TWG 1 webinars.

Each webinar will be recorded. Therefore, if the date/time does not work for members, they can watch the webinar when it is convenient for them.

The dates (and summary) of the webinars are described below:

<b>Webinar #1</b>
<b>Desk Reference and Tools for Estimating the Local, Regional and State-wide Economic Development Benefits of Connected Vehicle Infrastructure Deployments</b>
<b>Presenter: Max Azizi, USDOT</b>
The Desk Reference and tools developed in this project will provide States and local decision makers with important evaluation techniques for connected vehicle implementation. The outcome of this task order is to produce an updatable Desk Reference and associated tools to estimate the local and regional economic benefits and costs associated with purchasing, installing and maintaining connected vehicle technology.
<b>Webinar Date: November 16 2:00 – 3:00 PM Eastern</b>

<b>Webinar #2</b>
<b>AASHTO Near Term V2I Transition and Phasing Analysis Connected Vehicle Life Cycle Cost Model (LCCM)</b>
<b>Presenter: Dominie Garcia, Booz Allen Hamilton</b>
As part of a suite of tools, AASHTO is developing a life cycle cost model for V2I applications that will detail all cost components associated with deployment of V2I applications over a 20 year period. The model has well-researched costs included, but also has the flexibility for users to change costs according to their own situation. The cost model will be released in 2016 to the public and will provide CV deployers and transportation operators/agencies with insight and detailed estimates for installing, maintaining, customizing, and operating all needed elements of V2I applications.
<b>Webinar Date: December 4 2:00 – 3:00 PM Eastern</b>

All TWG 1 members and participants are invited to attend. A meeting invite will be sent to all members.

### **Feedback from the TWG**

Bill opened up the floor by asking attendees how the TWG is working for them, and if they would like any changes to the way the TWG conducts business. Hideki Hada expressed that he feels the TWG is working well. He is looking forward to the results of the survey and to the Benefit Cost presentations. There were no other suggestions for changes, but Bill welcomed anyone to email him off line if they had any concerns or suggestions.

### **Other Business**

Hideki Hada made two announcements:

- Tuesday and Wednesday October 27-28 at the Japan SIP-adus (Innovation for Automated Driving for Universal Services) Workshop, there will be a breakout session on Connected Vehicles that Hideki will be moderating. Hideki will describe the efforts of the V2I Deployment Coalition.
- Next Year, April 12-14, 2016 the SAE World Congress (in Detroit, Michigan) will include a V2I session. Several public sector presenters are expected to present.

Bill discussed the idea of inviting the three Connected Vehicle Pilot Sites to present to TWG 1. Blaine Leonard mentioned that the AASHTO Connected and Automated Vehicle working group is also planning to invite them to speak. Perhaps there can be coordination with the presentations. Bill and Dean to work with Blaine to coordinate this.

V2I DC Portal.

Bill introduced the V2I DC Portal as a tool that members can use to view documents posted by others or to post documents. The webinar presentation includes several slides explaining the portal structure and the web address to access information is:

<http://portal.transportation.org/sites/v2idcmembers>

### **Action Items and Next Steps**

The immediate next steps are as follows:

1. Dean to send members invites to the November and December Cost/Benefit webinars
2. TWG 1 members to invite any others they feel would benefit from the Cost/Benefit webinars
3. Dean and Bill to coordinate with Blaine Leonard to plan future presentations by the pilot sites

### **TWG 1 October 22 Webinar Participants**

- Bill Legg, Chair
- Bob Rupert
- Daniel Worke
- Dean Deeter
- Gary Duncan
- Hideki Hada
- James Li
- Jim Peters
- Joey Yang
- Kyle Garrett
- Linda Lee
- Mohammed Hadi
- Reza Karimvand
- Robert Arnold
- Stefanie Goodwin
- Ray Resendez
- Oliver Brandl
- Mohamad Talas
- Jonathan Riehl
- Denise Manzelmann
- Leisa Moniz
- Bob Arnold