

V2I Deployment Coalition

Deployment Initiatives Technical Working Group (TWG 1)

March 24, 2016 Webinar

Notes and Summary of Discussions

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 to be added to the list.

Issue #13: Infrastructure Processes as V2I Obstacles

Bill introduced Issue #13: Infrastructure Processes as V2I Obstacles. He explained that this was an issue added by TWG 1 during the Pittsburgh meeting, and was discussed during the February webinar. The primary data collection related to Issue #13 was questions in the V2I Applications survey conducted by TWG 1. During the February TWG 1 webinar, the survey results were reviewed, and a series of actions were discussed. As a result of the February webinar, a summary paper on Issue #13 was circulated to TWG 1 members with the agenda for the March meeting. The primary recommendations in the paper are as follows:

- The V2I Application survey questions related to infrastructure processes as barriers to V2I deployment did not generate any responses from survey participants related to MUTCD or environmental processes, but rather the typical concerns expressed through other outreach.
- There is a concern regarding consistent messages display on in-vehicle displays and on roadside signs (possibly MUTCD issue)
- Survey responses should be shared with TWG 4 as feedback on V2I Guidance needed

Bill asked the group about future actions to be taken on Issue #13. It was suggested that an additional area of concern is the condition of roadway striping and roadside infrastructure, particularly as it relates to autonomous vehicles. The group agreed that this would be added to the summary paper and communicated to TWG 2 (Research) for consideration.

Dean updated the group that the responses to the survey question describing concerns about V2I deployments were passed on to TWG 4 for inclusion in future V2I Deployment Guidance feedback.

Issue #15: V2I Infrastructure Maintenance Costs

Bill led a discussion regarding Issue #15 – V2I Infrastructure Maintenance Costs. This is another issue that TWG 1 members added to the list of issues during the Pittsburgh in-person meeting. In Pittsburgh, attendees believed that while the V2I Benefit/Cost issue was already defined, there were unique and specific aspects to V2I Infrastructure Maintenance Costs that it justified a separate issue. Bill then led the members through a reminder of the activities that TWG 1 performed to address Issue #7: Understanding the Benefits and Costs of V2I Deployment and Operations. For example, TWG 1 facilitated two webinars in November and December to allow federally funded projects specifically addressing V2I Benefits and Costs to present their findings. Bill opened up the webinar for discussion about what activities TWG 1 could do beyond what was already completed. The group agreed to continue this discussion at the in-person meeting in April.

Upcoming In-person April V2I DC Meeting

Bill and Dean reviewed the logistics for the upcoming V2I DC meeting. TWG 1 will meet for an entire day on April 20th. Bill asked for agenda topics and areas that TWG 1 members would like to discuss during the break-out meeting.

Bill noted that, In addition to the breakout sessions, the entire V2I DC will meet for a plenary session during the morning of April 21st. Finally, members are invited to attend a demonstration of three V2I safety Applications by the Crash Avoidance Metrics Partnership (CAMP) on April 19th. Dean shared registration and event venue information with the members.

Next Webinar Topics

Bill reminded members that the next webinar will be April 28, 2016 from 2:00 – 3:00 PM Eastern.

TWG 1 March 24, 2016 Webinar Participants

- Bill Legg, Chair
- Joey Yang
- Bob Arnold
- Bob Rupert
- Mohammed Hadi
- Reza Karimvand
- Leiza Moniz
- Jim Peters
- Brian Watson
- Leland Key
- Dennis Motiani
- Hideki Hada
- Bindesh Patel
- John Conrad
- Kyle Conner
- Oliver Brandl
- Jerome Frederick
- Dean Deeter