

IVI INFRASTRUCTURE CONSORTIUM MEETING
Monday January 10, 2000 5:30pm-7:30pm
Washington, DC Omni Shoreham "Council" Room

MEETING MINUTES

5:30pm *Introductions and Review of Agenda (Kress)*
Infrastructure Consortium Developments (Kress)

Monica introduced Pete Hansra from Caltrans as the point of contact for Infrastructure Consortium in the future. The transition will take place over the next 6 months. Pete Hansra is the Caltrans Manager for the PATH Program and the topic of infrastructure related safety systems fits into his functional role.

5:45pm *Infrastructure Consortium Briefing (Ferlis)*

Bob narrated results of his study. Please see the attached slide presentation printouts. Key points presented and discussed were:

- USDOT expectations for the consortium: To act as a public-sector counterpart to the private sector's "Enabling Research Consortium."
- The Roles and Responsibilities of the USDOT and the Consortium Members. This list was agreed upon by the attendees as reasonable and quite appropriate. Note that not "all" IVI research projects will be administered by this Consortium.
- Proposed research structure, in which cooperative systems are a big part. The list of three points could be extended as time goes on, if progress shows promise, according to Ray Resendes.
- Current status of research and planned research separate from this Consortium. This list was discussed since some of the projects are predecessors to the Consortium's work. It was voiced by Greg Larson that DSRC technology development is a high priority in California.
- Types of intersection crash scenarios and the safety needs associated with them. It was noted that, in the area of Rail Crossings, *detecting* the train is covered by other activities in Federal Rail Administration. *Notifying the driver* of the train would fall into the Consortium's focus.
- It is desired for the States to take the lead in the experimental installation of cooperative systems.

Ray Resendes voiced that the likelihood of deployment may depend on acceptance by jurisdictions and to meld in with their existing plans for intersections is necessary. What are the plans for Traffic Operations improvements in intersections at this time? Are they already considering improvements? Check with a focus group, perhaps, on the sequence of experimental deployment desired. It was suggested that the Institute of Transportation Engineers (ITE) may be a good forum for extracting this information.

6:25pm *Discussion of proposed Research List (Ferlis)*

See attached slides for the list (last slide). The "Concept Development" task should begin first. However, Ray Resendes expressed the need to wait for the April document from Volpe before beginning work. We would be consulted for feedback on the April document, also.

The "Tools Development" task is already somewhat addressed with PATH and VADOT work. Jim Misener (PATH) thought the development of simulation models will be no problem given the many options available now.

The “Sensor Devt.” task is more than just traffic counting and is more difficult because “decision making” needs to be added to the straight sensing action.

Until we get a change to read, comment on, and plan according to the Volpe evaluation document (expected in April), there is not much to do. In May, we can discuss the analysis document and decide from there the Research List.

6:50pm Discussion and approval of proposed Membership Development Plan (Kress)

Plan was reviewed and the following list was added for potential sources:

- ITS-America Committee and TRB Committee on Traffic Controls
- Re-solicit Pooled Fund
- Statewide Traffic Safety Meeting
- National Association of County Engineers
- Institute of Traffic Engineers

7:10pm Discussion and approval of proposed Revised Charter (Kress)

The Charter was reviewed. The only addition recommended was a section on “Federal Roles and Responsibilities.”

7:20pm Review Action Items

Bob Ferlis: Distribute Volpe analysis paper when available (April estimated)

Monica Kress/Pete Hansra: Check into ITE Conference presentation

All members: Conduct actions to increase membership

7:30pm Adjourn

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ATTENDANCE

NAME	AGENCY
Monica Kress	Caltrans
Pete Hansra	Caltrans
Greg Larson	Caltrans
Ray Resendes	USDOT
August Burgett	USDOT
Farid Bigdeli	Mitretek Systems
Jim Misener	UCB-PATH Program
Dan Cohen	Mitretek Systems
Bob Ferlis	FHWA
Toni Wilbur	FHWA
Shahed Rowshan	FHWA
Bill Bushman	VTRC/VDOT
Roy Bushey	Caltrans
Max Donath	U of Minn