Approximately 50 individuals participated in the first face-to-face meeting of this new National Academies/TRB Forum, including representatives of almost all of the Forum member organizations.

The following is a short summary of the primary outcomes of the meeting.

Slides from the meeting presentations can be accessed at http://onlinepubs.trb.org/onlinepubs/TRBAVSM/FebKickoffMeetingPresentations2018.zip

Questions may be directed to Mark Norman at mnorman@nas.edu.

**AGENDA**

The meeting agenda included the following items:

- Review of Forum Mission, Value Propositions, Work Plan, & Products
- Roundtable Discussion – Perspectives from the Private Sector
  - Presentations from Forum members Alta Planning & Design, Auto Alliance, Econolite, Lyft, Toyota, WSP-USA
- U.S. DOT Activities Update
- Developing the Research Roadmap – Laying the Foundation
  - Research focus areas suggested by Forum participants (from pre-meeting survey)
  - Research focus areas suggested by NCHRP contractor
- Developing the Research Roadmap – Building on the Foundation
  - Open discussion of research needs by Forum focus area and NCHRP contractor topic area
  - Next steps
- Planning Forum Activities for 2018
- Final Thoughts and Observations

**DEVELOPING THE RESEARCH ROADMAP**

A good portion of the meeting focused on the development of a research roadmap. This included the role of the consultant (Booz Allen) retained by NCHRP to develop such a roadmap, and a
robust discussion of the research topics that should be included in the roadmap. The schematic below illustrates the outcome of the discussions:

The corresponding roles and action items for the development of the research roadmap are as follows:

- **Research Roadmap: NCHRP Contractor Role**
  - Prepare first draft of research roadmap to be used for NCHRP panel/funding
    - Rely on input from Forum members and various other stakeholders
  - Develop draft catalog of research needs for the Forum
    - Rely on input received from Forum members
    - Include transformative issues, scenarios, and unintended consequences
  - Present drafts to Forum participants, NCHRP panel, and others at AVS2018 in July

- **Research Catalog/Roadmap: TRB AV Forum Role**
  - Develop white paper making the case for research to achieve positive outcomes, and list the most important research needs identified by Forum participants to date
  - Include outcomes (goals), how we can influence desired outcomes, and the barrier breaking research that can enable transformation
  - Deliver a summary presentation based on the above white paper at the July Automated Vehicle Symposium (AVS2018) plenary session
  - Sponsor a half-day breakout session at AVS2018 to generate input from others
o Continue to evolve the research catalog/roadmap to serve as THE go-to roadmap for Forum participants
o Consider a topology for prioritization and for carrying out the research

PROVIDING INFORMATION RESOURCES FOR FORUM PARTICIPANTS

It was the consensus of the Forum members that one of the most valuable benefits of participation in the Forum is having ready access to research and other information directly relevant to the mission of the Forum. The following action items were therefore agreed to:

- Develop a white paper making the case for research to achieve positive outcomes, and the most important research needs identified by Forum participants to date (see above)
  o Organize the research needs into the five focus areas as contained in the Forum Participants Guide
  o Augment the research needs contained in the Forum Participants Guide with those raised by Forum members during the Kick-Off Meeting and generated from the pre-meeting survey
  o Circulate the draft of the white paper to Forum members for review
- Continue to maintain and update the listing of Forum Information Resources that was provided in the Kick-Off meeting materials
  o Forum members inform TRB staff of any additional resources that should be included
- Develop a website for the Forum that includes these resources and other information of use to Forum members
- Commission future white papers on topics to be selected by Forum members

PLANNING FORUM CONVENING ACTIVITIES FOR THE REMAINDER OF 2018

- Plan for May conference call
  o Format: 1.5-hour interactive webinar-type conference call
  o Review draft white paper
  o Discuss plans for AVS2018 Forum activities in July
- Plan for AVS2018 Forum activities in San Francisco
  o Forum meeting Sunday afternoon July 8th, and Monday morning, July 9th
  o Forum-sponsored breakout session on Monday afternoon, July 9th
  o Forum AVS2018 plenary session presentation based on white paper
- Plan for conference call in October/November
- Schedule Forum presentations at other venues
  o Accepted to date: TRB Committees, AASHTO Committees, ASCE, AVS2018, ITE, AUVSI Xponential, Florida AV conference, NCUTCD, SAE, Texas A&M Transportation Technology Conference, VDV Future Congress (Berlin)
  o Develop slide template for presentation by Forum members at other venues