Region 1 Report
NH RAC receives a pitch for a new research topic

CTDOT Hands-on demo of the 3D Artec Eva Scanner and VR demo combining scanning data and photogrammetry data.
Membership

New Members
- Ed Block, CT
- Steve Sisson, DE
- Pragna Shah, NJ
- Giri Venkiteela, NJ
- Ryan Lund, NY
- Doug Zimmerman, PA
- Brendan Fogarty, RI

Goodbyes
- Stefanie Brodie, DC
- Gabriel Sherman, MA
- Kimbrali Davis, NJ
- Don Streeter, NY
- Mike Sock, RI
- Ian Anderson, VT
- Colleen A. Kissane, CT
- Doug Zimmerman, PA
2018-2019 Accomplishments

- **Symposiums/Exchanges**
  - PA: with 10 universities in Sept
  - VT: 2nd Annual in September (90 second highlight presentations on YouTube)
  - CT: 3rd Northeast Connected and Automated Vehicle Summit.

- **Peer Exchange**
    - AZ, GA, IL, MN, MT, UT, TRB and FHWA regional office attended.
    - Themes: overall program management and project delivery, implementation, and performance measures.
2018-2019 Accomplishments (continued)

- **Research Manual Updates**
  - VT finally drafted a manual.
  - DC waiting for manual approval.
  - NH updating their 2015 edition - prompted by October 2018 guidance memo.
  - NJ is making several changes to its manual, guidelines and templates.

- **Projects of Note**
  - NJ is conducting a study (that will lead to an RFP) to assist with developing a 21st Century Transportation Research Library.

  - Little Roady Pilot - The Little Roady Pilot Project went live May 15th, featuring a free autonomous electric shuttle service, traveling along a 5-mile fixed route with 12 stops along the Woonasquatucket River corridor from Olneyville to Providence Station. Between the mid-May launch and June 30th, Little Roady shuttles provided over 5,500 rides.
2018-2019 Accomplishments (continued)

- Transportation Infrastructure Durability Center (16 new projects!)
- New England Transportation Consortium: Three 2018 projects underway and three new 2019 projects by end of year (9 projects completed by Jan 2019 with the end of Vermont as the Lead State)
  - Example of NETC Project Implementation: Northeast Connected and Automated Vehicle Coordination Group (NECAV)
  - June 2019 NETC Symposium
Revised/Updated Project Selection Processes

**VT:** VIHE submitted Statements of Qualification, Champions prepared Problem Statements, Qualified VIHE submitted Statements of Interest, etc.

**MA:** Conducted four research roundtables during problem statement solicitation to identify agency needs and corresponding academic expertise; included implementability as one of statement ranking criteria.

**CT:** The Research Unit had a successful Kaizen Event to improve the research project selection process.

**NJ:** Now solicits research ideas/needs electronically using the IdeaScale platform. Several changes will be made next year to prioritize ideas/needs.

**RI:** Is in the process of updating the framework for the research program. The program is now being administered by the Planning Department. The goal is to expand the program to include not only different types of research but also to partner with all RI colleges and universities.
2018-2019 Accomplishments (continued)

- Innovative product awareness
  - NH: created a GIS Innovation Viewer as a public resource for completed uses of innovative products or practices. [Link to Viewer](#)
  - NJ: Bureau of Research is the “home” of the State Transportation Innovation Council (STIC). Coupled the goals of the NJ STIC with the BoR’s existing research, innovation implementation, and technology transfer resources to establish a focused and all-encompassing commitment to fostering innovation. [www.njdottechtransfer.net/nj-stic](http://www.njdottechtransfer.net/nj-stic)

- Indirect cost rates
  MD negotiated lower indirect cost rates with four universities.
2019-2020 Goals & Activities

▪ Newton, MA as site of the 2020 Summer RAC meeting!!
  ▪ Welcome to Region 1!!

▪ RAC Peer Exchanges Expected
  ▪ MD: Fall 2019; using Pooled Fund to manage???
  ▪ PA: Fall 2020; two tracks—CAV/Research Program
  ▪ DC: Spring/Summer 2020; management processes and evaluation activities

▪ NCHRP 20-44 funded UAV Training

▪ NHDOT
  ▪ Creating a Pavement Core Database with summer research intern
  ▪ Added Implement Work Plan requirement to new research topic projects (8)
2019-2020 Goals & Activities (continued)

- DE DOT
  - Draft Research Manual to FHWA
  - Justification for an Implementation Officer
  - Backfill HVR for last 5 Years
  - Website to centralize DelDOT research and outreach