WELCOME AND INTRODUCTIONS
Agenda

1. Introduction and Welcome
2. Updates on AV Testing
3. Regional Testing Initiative
   - Update from Metropolitan Area Planning Council on Regional MOU
   - Update from MassDOT on Draft Application
5. Governor’s Transportation Commission and Listening Sessions
7. Next Steps
8. Public Comment
UPDATES ON AV TESTING PROGRAM
REGIONAL TESTING INITIATIVE
Regional AV Testing Agreement

- MassDOT, in collaboration with the Participants, shall develop a universal Application to Test Autonomous Vehicles on Public Ways in Massachusetts by December 31, 2018.

- Each Participant shall, within six months of executing this Agreement, identify approved testing locations for at least one Testing Phase within its respective jurisdiction. These approved locations will be identified in the Testing Phase Schedule in the Application. To support a variety of testing needs, MassDOT and the Participants shall endeavor to identify diverse driving environments and contiguous cross-border testing routes.

- MassDOT, in collaboration with the Participants, shall, at least every six months, review the technological advancements, federal policy progress, and developments in the autonomous vehicle industry and thereby adjust or modify the Application and/or the Testing Phase Schedule as appropriate.
CITY OF BOSTON & HARVARD KENNEDY SCHOOL POLICY SCRUM
GOVERNOR’S TRANSPORTATION COMMISSION AND LISTENING SESSIONS
Listening Session 1: Autonomous and Connected Vehicles


8/8/2018
Session 4 of 5: Land Use and Demographic Trends

- Today, June 27, 2018
- 1:00 pm to 3:00 pm
- Alumni Lounge, Campus Center, UMass Boston

Agenda

- Welcome and Introductions
- Overview of the Governor’s Commission on the Future of Transportation Purpose of the Listening Sessions
- Panel Discussion on Current Research and/or Activities Related to Land Use and Demographic Trends
  - Jan Mutchler – UMass Boston – Future of Transportation Impacts on an Aging Society
  - Karin Valentine Goins – UMass Medical - Engaging Public Health Stakeholders in Active Transportation
- Public Discussion/Q&A
- Closing Remarks
Session 5 of 5: Climate and Resiliency

○ July 10, 2018
○ 1:00 p.m to 3:00 p.m.
○ UMass Dartmouth
○ Center for Innovation, Fall River Bldg., Fall River

○ Written comments may be submitted at the listening session, on our website at mass.gov/futureoftransportation, or via email to future.of.transportation@MassMail.State.MA.US
CONNECTICUT C/AV CONFERENCE
Northeast Autonomous and Connected Vehicle Summit

2018 NORTHEAST AUTONOMOUS AND CONNECTED VEHICLE SUMMIT

Policy, Infrastructure, and Technology

June 12: Autonomous Vehicles
June 13: Connected Vehicles

Windsor/Hartford Marriott
WINDSOR, CT

For More Info Go To: http://s.uconn.edu/NACV2018

UCONN UNIVERSITY OF CONNECTICUT

Connecticut Transportation Institute

Connecticut Transportation Safety Research Center

U.S. Department of Transportation Federal Highway Administration
Northeast Autonomous and Connected Vehicle Summit

- David Pereira
  - National Transportation Safety Board (NTSB)

- Cathy Curtis
  - American Association of Motor Vehicle Administrators (AAMVA)

- Jay Hietpas
  - Minnesota DOT

- [www.ctsrc.uconn.edu/nacv2018/presentations/](http://www.ctsrc.uconn.edu/nacv2018/presentations/)
Minnesota AV Testing

Minnesota Autonomous Shuttle
NACV Summit
June 12, 2018

Jay Hietpas - MNDOT
Minnesota AV Testing

About the Easy Mile EZ10 Shuttle

<table>
<thead>
<tr>
<th>Criteria</th>
<th>EasyMile EZ10 Shuttle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>12</td>
</tr>
<tr>
<td>Speed</td>
<td>Avg. 10-15 mph, up to 25 mph</td>
</tr>
<tr>
<td>SAE Level of Autonomy (0-5)</td>
<td>4</td>
</tr>
<tr>
<td>Obstacle Detection</td>
<td>Laser (LiDAR)</td>
</tr>
<tr>
<td>Route Setup</td>
<td>Pre-mapped/pre-programmed</td>
</tr>
<tr>
<td>Navigation</td>
<td>GPS/LiDAR</td>
</tr>
<tr>
<td>Accessibility</td>
<td>Wheelchair ramp</td>
</tr>
</tbody>
</table>

Jay Hietpas - MNDOT
Minnesota AV Testing

Jay Hietpas - MNDOT
Minnesota AV Testing

Controlled Testing Conditions

- Ice for Wheel Path
- Ice Across Lane
- Ice at Start / Stop
- Ice near Intersection

Jay Hietpas - MNDOT
Minnesota AV Testing

Controlled Testing Conditions

Road Salt

Ice

Made Snow Trace – 6 Inches

Made 3 – 4 Inches of Slush

Jay Hietpas - MNDOT
Interaction with Pedestrians

More conservative with higher speeds

Front Stop Distance = 5.3 – 6.6 Ft. (Bumper to Shins)
Side of Bus = 1.6 – 1.8 Ft. (off Wheel Path)

Jay Hietpas - MNDOT
Minnesota AV Testing

Snow Cloud

Jay Hietpas - MNDOT
DRAFT REPORT OF THE AV WORKING GROUP
Draft Report of the AV Working Group

- Introduction
- Autonomous Vehicles Working Group
- Introduction to Autonomous and Connected Vehicles
- Autonomous and Connected Vehicle Industry
- Governance
- Policy Considerations
- Autonomous Vehicles in Massachusetts
- Other State and International AV Initiatives
Series of six 2-hour lectures given by experts on autonomous and connected vehicle technology during **20-21 August 2018**

- Lecture topics include: dynamic control of self-driving cars, vehicle-to-vehicle communications, vehicle sensors, automotive cyber security

- Summer school conveniently located at WPI Seaport campus, 303 Congress St., Boston, MA

- Space is limited so register now via summer school website

http://ecewp.ece.wpi.edu/wordpress/conav/
Next AV Working Group Meeting

- Proposed Date Options for Meeting #10
  - Wednesday August 15th  OR  Wednesday September 5
  - 10 am – 12 pm

- Proposed Agenda
  - Updates on AV Testing
  - Regional Testing Initiative
  - UMTC – Strategic Planning Considerations for C/AVs
  - AV Working Group Report
PUBLIC COMMENT