



<b>Date / Time / Location</b>	<b>July 15, 2025 / 1400-1600 / Hybrid Teams &amp; In-person Meeting / PennDOT Keystone Building, 8th Floor Board Room (8N1 R) and Microsoft Teams</b>
<b>Attendance</b> (bold were present)	<p><b>HAV Advisory Committee:</b> Emily Yates, Dr. Raj Rajkumar, <b>Liz Fishback</b>, <b>Michelle Elder</b>, <b>Kelly Yemen AICP</b>, <b>Ted Leonard</b>, Sara Innamorato (Lauren Connelley), <b>James Martini</b>, Shannen Logue (Caolinn Martin), David Vrona, <b>Wendell W. Young IV</b>, <b>Dr. Rory Cooper</b>, Gerardo Interiano (<b>Leslie Keaveney</b>), Lt. Rachel K. Grant (<b>Sgt. Steven Schmit</b>), Melissa Wright, Stephen DeFrank (Regi Sam), Rep. Kerry Benninghoff (Josiah Shelly), Sen Marty Flynn (<b>Justin Gensmore</b>), Mark Dombrowski, Mark Compton (<b>Todd Smith</b>), Sen Judy Ward (<b>Nolan Ritchie</b>), Rep. Ed Neilson (<b>Kyle Wagon seller</b>), <b>Sec. Mike Carroll</b></p> <p><b>PennDOT staff:</b> <b>Derrick Herrmann P.E.</b>, <b>Kevin Tobias</b>, <b>Gunnar Rhone, P.E.</b>, <b>Mark Kopko</b>, <b>Ngani Ndimbie</b></p>

<b>Agenda:</b>	<b>Action items:</b>
<p><b>1. Welcome, Roll Call, and Introductions</b></p> <p>Previous meeting minutes and updates since last meeting were discussed. Prior minutes are located on <a href="#">our website</a>. New member introduction – Michelle Elder, Ford</p> <ol style="list-style-type: none"> <li>Secretary Carroll (MC), chair of the Committee, kicked-off with welcoming the Committee to the meeting and provided a brief overview of the agenda.</li> <li>Derrick Herrmann (DH) completed roll call and introduced Michelle Elder as a new member and reviewed previous HAV Advisory Committee minutes. Of note from the previous minutes, HazMat was discussed later in the agenda and data reporting is still being worked on internally with coordination with industry, specifically on the minimal risk condition reporting. He also asked if any members had any questions or comments from last meeting. No comments were received.</li> </ol>	<p>➤ Next meeting is scheduled for 11/3/2025 from 1:00pm – 3:00pm</p>
<p><b>2. State/National Updates</b></p> <p>DH provided State updates:</p> <ol style="list-style-type: none"> <li>PennDOT finished a four-year ADS demonstration project on AVs operating in workzones. <ol style="list-style-type: none"> <li>Policy Insight is out on <a href="#">CMU's website</a></li> <li>Gunnar Rhone (GR) mentioned that the final report is out on the <a href="#">PennDOT website</a>.</li> </ol> </li> <li>PennSTART is making progress. <ol style="list-style-type: none"> <li>Hoping to break ground this fall - <a href="https://pennstart.org/">https://pennstart.org/</a></li> </ol> </li> <li>Waymo is beginning testing in Philadelphia for a limited time. <ol style="list-style-type: none"> <li>Kelly Yemen (KY) requested to be updated on all AVs who apply to operate in Philadelphia and want to be updated on the status</li> </ol> </li> </ol>	<p>➤ PennDOT to share ADS demonstration reports</p>



Agenda:	Action items:
<p>of Waymo because they're getting a lot of questions both internally and externally.</p> <ul style="list-style-type: none"><li>d. PDDs seem to be making a comeback. There have been 2 applications in the last couple months.</li><li>e. Automated Shuttle in Philadelphia Navy Yard shuttle has completed, and we are working on reviewing the final report with Drexel.</li><li>f. PennDOT has 2 SMART Grants, one to deploy Curve Speed Warning alerts, and another to deploy Freight Signal Priority along corridors in Harrisburg.</li></ul> <p>DH mentioned discussion at the national level about a national framework and signals that vehicle safety standard will be updated and streamlined. Meanwhile many deployments are occurring around the country and specifically popping up in the sunbelt.</p> <p>DH asked if other members have news to share:</p> <ul style="list-style-type: none"><li>a. Liz Fishback (LF) noted that Stack has been completing a 1,000-mile route from Phoenix to Dallas, Texas for a while. They are doing so with a driver behind the wheel for testing. Stack is also offering support in the regulatory process in Texas to update the vehicle code with their recent legislation.</li></ul>	
<p><b>3. Hazardous Materials</b></p> <ul style="list-style-type: none"><li>a. MC - discussed PennDOT and sibling agencies examining the need to create HAZMAT regulations. MC mentioned that there are table 1 (always require placarding) and table 2 materials. Table 2 materials get placarded when there are 1,000 lbs or more. After internal discussion, the Commonwealth is not moving forward with HAZMAT regulations at this time. We think there is currently the ability to carry a substantial amount of material under the current table 1/table 2 guidance. However, willing to investigate again into the future.</li><li>b. LF - With some of Stack's hauling, one pallet can weigh more than 1000 lbs, so 1000 lbs can be a small amount of material depending on what's being hauled. Stack would like to continue the conversation and try to work on language in the future to make sure that AV trucks are successful in PA.</li><li>c. LF - Stack is also willing to just talk about having a driver in the vehicle for now and we can look at driverless hazmat in the future. Their drivers who haul hazmat would have their hazmat hauling certifications.</li><li>d. Leslie Keaveney (LK) - If Aurora were to haul HazMat (they're not at this time) they already have the procedures ironed out for inspections and other paperwork and have worked closely with law enforcement on this.</li></ul>	➤



Agenda:	Action items:
<ul style="list-style-type: none"><li>e. Nolan Ritchie (NR) - Asked if the referenced CFR in Stack AV's proposal references Table 1 and 2.</li><li>f. Major Robert Krol (RK) - Confirmed they are referenced in the CFR.</li><li>g. DH asked confirmation whether the 1,000 lbs was per material, or cumulative for the load. RK confirmed that the 1,000 lbs limit refers to the cumulative weight of the load.</li></ul>	
<b>4. HAV Advisory Committee Future Initiatives</b> <ul style="list-style-type: none"><li>a. DH - Advisory Committee is open to recommendations on what members would like the committee or PennDOT to work on next.<ul style="list-style-type: none"><li>a. DH mentioned the update to the HAVAC website.</li><li>b. DH mentioned updating the old AV Strategic Plan with a business plan.</li></ul></li><li>b. KY – suggested the committee consider working on public education with the advent of Waymo in Philadelphia. DH – feels this is a good suggestion and the Department will put some thought into an approach for the next meeting.</li></ul>	<ul style="list-style-type: none"><li>➤ PennDOT will share the CAV Business Plan when the final draft is completed.</li><li>➤ PennDOT will consider stakeholder education opportunities and plan to discuss in the next scheduled meeting.</li></ul>
<b>5. Annual Report</b> <ul style="list-style-type: none"><li>a. DH - Annual report is due at the end of the year.<ul style="list-style-type: none"><li>a. Draft should be ready to discuss at the next HAV Advisory Committee meeting.</li><li>b. Will reach out to specific certificate holders about the data reporting to get feedback so we can get those requirements out. The data reporting needs to be completed so that we can do the annual report.</li></ul></li></ul>	<ul style="list-style-type: none"><li>➤ PennDOT will share a first draft of the annual report for discussion in the next scheduled meeting.</li></ul>
<b>6. Open Discussion</b> <ul style="list-style-type: none"><li>a. MC - Began open discussion No topics were brought forth.</li></ul>	<ul style="list-style-type: none"><li>➤</li></ul>
<b>7. Review of Action Items</b>	<ul style="list-style-type: none"><li>➤</li></ul>
<b>8. Closing Remarks</b>	<ul style="list-style-type: none"><li>➤</li></ul>
<b>9. Adjournment</b> <p>With no further action MC adjourned the meeting at 2:54 PM.</p>	<ul style="list-style-type: none"><li>➤</li></ul>