Washington State AV Work Group Update

Darrin Grondel, Work Group Chair
October 16, 2019
Executive Committee

• 2 Meetings – June 28 and September 26

• 15 Additional Members added

  • Adams County
  • Washington State Transit Association
  • City of Seattle Transportation Dept.
  • University of Washington, STAR Lab
  • Teamsters Local 117
  • Disability Rights Washington
  • Puget Sound Sage
  • Futurewise
  • ACES Northwest
  • AAA

  • Association of Global Automakers
  • Gordon Trucking
  • Uber
  • Waymo
  • INRIX

Pending appointment by WSTC
  • Dept. of Health
  • Dept. of Labor & Industries
  • Employment Security Dept.
Subcommittees

• 23 Subcommittee Meetings
  » 4 additional Subcommittee meetings by end of year

• 2 New Subcommittees Formed
  » Health & Equity
  » Labor & Workforce

• Changes in Subcommittee Co-Chairs
  » Licensing: Public sector co-chair Megan McCann succeeded by Beau Perschbacher
  » Safety: Public sector co-chair Captain Dan Hall stepping down, successor TBD
  » System Technology & Data Security: Public sector co-chair Alex Alben succeeded by Will Saunders
AV Work Group
Executive Committee

- Governor
- Four members from Senate
- Four members from House
- Insurance Commissioner
- DOL Director
- WSDOT Secretary
- WSP Chief
- Traffic Safety Commission Director
- State Chief Information Officer
- Transportation Commission Member

Government and Private Sector Representatives from:
- Data, Technology & AV Testing
- Shared, Electric, TNC & Transit
- Automakers
- Local Governments
- Consumers/Traveling Public
- Environment
- Academic
- Underrepresented Communities
- Freight
- Labor

Subcommittees

<table>
<thead>
<tr>
<th>Licensing</th>
<th>Safety</th>
<th>Infrastructure &amp; Systems</th>
<th>System Tech &amp; Data Security</th>
<th>Liability</th>
<th>Health &amp; Equity</th>
<th>Workforce</th>
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<tbody>
<tr>
<td>2 Co-Chairs DOL Support Lead</td>
<td>2 Co-Chairs WTSC and WSP Support Lead</td>
<td>2 Co-Chairs WSDOT Support Lead</td>
<td>2 Co-Chairs State CIO Support Lead</td>
<td>2 Co-Chairs Insurance Comm. Support Lead</td>
<td>2 Co-Chairs DOH Support Lead</td>
<td>2 Co-Chairs ESD and L&amp;I Support Lead</td>
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</tbody>
</table>
• Establish new “Health & Equity” Subcommittee
  » Recommended by Safety Subcommittee
  » Endorsed by Executive Committee June 28
  » Acted on by WSTC July 16
  » Addition of DOH Director to Executive Committee pending WSTC appointment

• Establish new “Labor & Workforce” Subcommittee
  » Recommended by Executive Committee Member
  » Endorsed by Executive Committee June 28
  » Acted on by WSTC July 16
  » Addition of L&I and ESD Directors to Executive Committee pending WSTC appointment
• Appoint disabilities rights representation to Executive Committee
  » Recommended by Executive Committee Member
  » Endorsed by Executive Committee June 28
  » Acted on by WSTC July 16

• Adopt AV Privacy and Data Security Principles and Data Standard revision 0.1
  » Recommended by System Technology & Data Security subcommittee
  » Executive Committee requested subcommittee explore existing principles, standards, and available data
  » Request to explore further endorsed by WSTC July 16
• **Adopt 8 Policy Goals to incorporate into WSDOT CAT Policy Framework**
  » Recommended by Infrastructure & Systems Subcommittee
  » Endorsed by Executive Committee September 26
  » *Pending review and endorsement by WSTC*

• **Encourage Development of a Statewide CAT Policy Framework, integrating with other subcommittees**
  » Recommended by Infrastructure & Systems Subcommittee
  » Endorsed by Executive Committee September 26
  » *Pending review and endorsement by WSTC*
Infrastructure & Systems Subcommittee

CAT Policy Goals Proposed for Adoption by the Executive Committee

- **#1 Organize for Innovation**: Enable organizational change that empowers officials to be flexible, accelerate decision-making, and adapt to changing technology.

- **#2 Shared Mobility**: Encourage and incentivize shared mobility, including an emphasis on high occupancy and shared modes for moving people and goods.

- **#3 Economic Vitality and Livability**: Create resilient and efficient regional networks and empower local agencies to create resilient, multimodal local networks.

- **#4 Infrastructure and Context Sensitive Street Design**: Promote durable, physical and digital networks that accommodate the movement of people and goods in ways that are appropriate for the context.
• #5 Land Use: Encourage land use development patterns that support multimodal connectivity to efficient local and regional networks.

• #6 Equity: Work with marginalized communities to increase access to desirable mobility options.

• #7 Safety: Increase the safety of transportation systems and infrastructure to support the safe movement of people and goods.

• #8 Environment: Reduce the local and cumulative environmental impacts of mobility to improve air and water quality, energy conservation and mitigate climate change.
• Entities self-certified in the State to test and/or deploy AVs shall maintain proof of umbrella liability insurance of no less than $5 million
  » Recommended by Liability Subcommittee
  » Endorsed by Executive Committee September 26
  » Pending review and endorsement by WSTC

• Assessment of Health Impacts
  » Recommended by Health & Equity Subcommittee
  » Presented to Executive Committee September 26, no voting action
  » Pending recommendation & WSTC review and endorsement – Health & Equity Subcommittee will continue to develop
• Disabilities Rights Washington
  » Considerations and potential impacts of AVs on the disabled community

• Insurance Institute for Highway Safety (IIHS)
  » Recent IIHS and Highway Loss Data Institute (HLDI) studies regarding the effects of driver assistance features on traffic safety and changes in motorist behavior

• 12 Subcommittee expert presentations on:
  » Industry overviews and current progress
  » National and state level regulations
  » Legal considerations and recommendations
  » Public perception and education opportunities
  » Considerations for safety, insurance and law enforcement
• **Work Session: How an Idea Becomes a Law – Process & Roles**
  » Review of the process, roles and expectations for each level of the AV Work Group structure

• **Work Session: Areas for Consideration**
  » Discuss areas for consideration for the Executive Committee to evaluate and prioritize moving forward

• **Joint Session: Licensing and System Technology & Data Security Subcommittee**
  » What AV data are needed as they relate to Licensing

• **Site Visit: PACCAR Technical Center**
  » Potential benefits and setbacks of testing and deploying autonomous trucks in the State
Next Steps:
Reporting, Meetings, and Web Site Update
• Content
  » AV 101
  » AVs in WA State
  » Work Group materials
  » Resources

• Schedule
  » September 2019 – Finalize look and feel
  » October 2019 – Finalize site content
  » November 2019 – Review and publish website
• 2020 Meeting Dates of AV Executive Committee – Sea Tac Conference Center:
  » May 6
  » June 24
  » September 24
• Schedule:
  » Draft and Publishing: Oct 1 thru Nov 3
  » WSTC Review: Nov 4 thru Nov 13
  » Due to the Legislature: Nov 15

• Outline
  » 2019 Work Group Accomplishments
  » Introduction
  » 2018 Recommendations and Outcomes
  » Work Group Overview and Structure
  » Work Group Meetings
  » Work Group Recommendations and Input
  » WSTC Recommendations
  » 2019-2021 Work Plan Progress and Next Steps
<table>
<thead>
<tr>
<th>Source</th>
<th>Recommendation</th>
<th>Executive Committee Voting Action</th>
<th>WTSC Actions/Recommendations</th>
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<tbody>
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<td>Safety subcommittee</td>
<td>Establish new “Health &amp; Equity” Subcommittee</td>
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<td>Executive Committee member</td>
<td>Appoint disabilities rights representative entity to Executive Committee</td>
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<td>System Technology &amp; Data Security subcommittee</td>
<td>Adopt “AV Privacy and Data Security Principles” and “Data Standard revision 0.1”</td>
<td>Request further exploration of best practices and standards</td>
<td>TBD – Pending WSTC Review</td>
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<td>Infrastructure &amp; Systems subcommittee</td>
<td>Adopt 8 policy goal statements revised by subcommittee from WSDOT CAT Policy Framework</td>
<td>Endorsed</td>
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<td>Infrastructure &amp; Systems subcommittee</td>
<td>Develop statewide CAT/AV Policy Framework; integrating WSDOT CAT policy goals with policy goals developed by other subcommittees</td>
<td>Endorsed</td>
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<td>Liability subcommittee</td>
<td>Require self-certified AV testing companies to maintain umbrella liability insurance no less than $5 million per occurrence for damages</td>
<td>Endorsed</td>
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<td>Health &amp; Equity subcommittee</td>
<td>Conduct Health Impact Assessment – <em>pending recommendation</em></td>
<td>Pending – no voting action</td>
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THANK YOU!

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