



WASHINGTON STATE
AUTONOMOUS VEHICLE
WORK GROUP

Washington State Transportation
Commission

AV Work Group
2023 Activities and Schedule

July 19, 2023



AV Work Group – 2023 Priorities



- Three Meetings (June, Aug & Oct) to gather ***Roadmap to the Future*** feedback and final input for the conclusion of the Work Group
- Complete the ***Roadmap to the Future*** legacy deliverable and the final Work Group annual report
- Advance any final recommendations to the Legislature for the 2024 session in the ***2023 Annual Report***

2023 Work Products



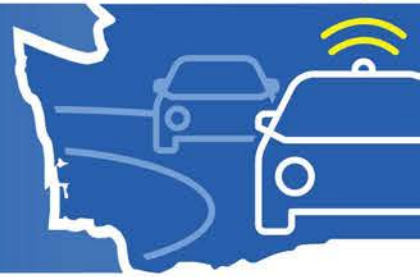
2023 Annual Report

- Required by statute
- Summarizes activities for the year
- Documents specific recommendations from the Work Group to advance to the legislature

Roadmap to the Future

- Legacy document of the Work Group
- Provides priorities for state to address going forward

Roadmap to the Future



The “**Roadmap to the Future**” will serve as the Work Group’s Legacy Deliverable and be a resource for law makers to consider future actions

- » Deliver at the end of 2023 (*when the Work Group sunsets*)
- » A plan for the future, how Washington can continue to prepare for AVs

key components of the “Roadmap”

Agency
Readiness

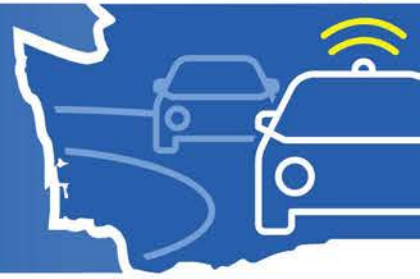
Testing /
Pilots

Public
Outreach

Safety

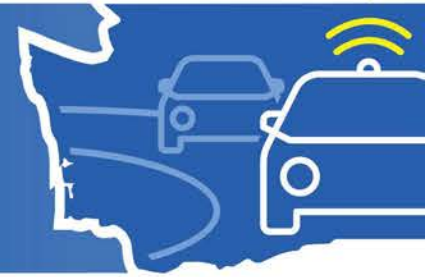
Path to
Deployment

Roadmap to the Future - Structure

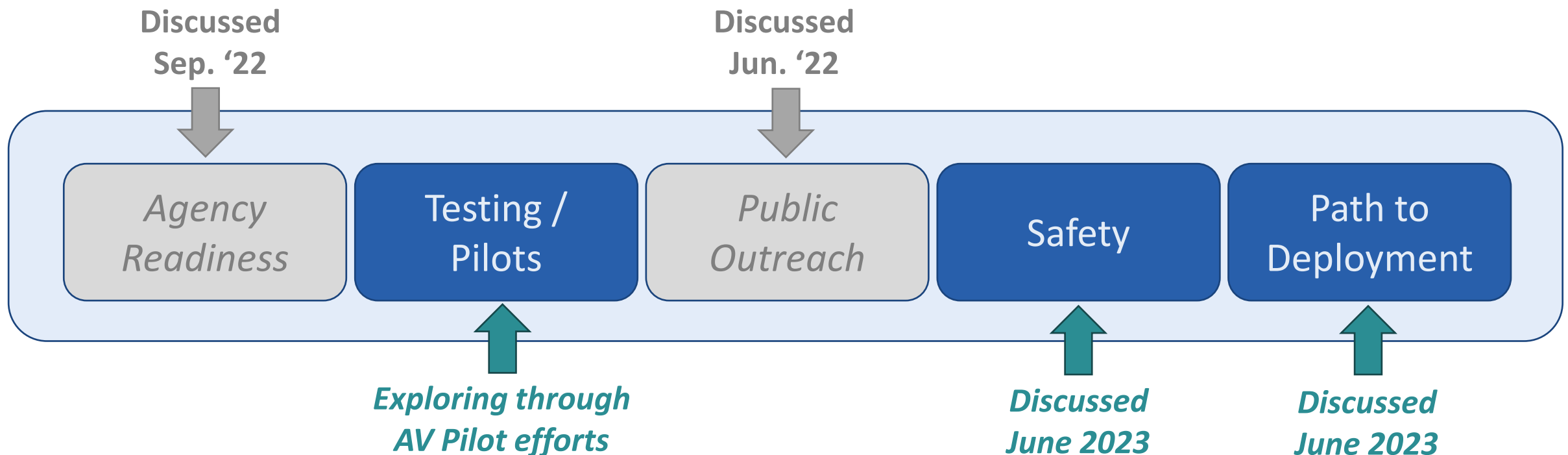


- Define the importance of each focus area
- Summarize activities completed by the Work Group to date
- Identify priorities indicated by the Executive Committee for future action:
 - » Topics requiring focus
 - » Examples of potential action on spectrum of low to high regulatory approach

Looking Ahead: Roadmap to the Future



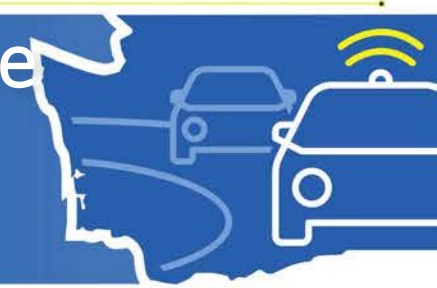
- The Roadmap contains 5 key components to focus on
- All components have now been discussed through Executive Committee meetings or Work Group activities



Roadmap to the Future – AV Work Group Executive Committee

Feedback

Safety



What other AV Safety related activities should Washington State explore in the future to prepare for the safe deployment of AVs on Washington roads?

16 Answers

Compliance with established international safety standards, developed with industry, such as ISO 26262 and UL 4600

Curb space management for loading and deliveries

Explore how AV manufactureres and Fire Fighters can parter so that FF are infirmed on how to deal with them

Real time messaging about road hazards or changing conditions

Uniform state standards to prevent a patchwork of local regulations.

The state should conduct a AV pilot so that we can garner our own safety data.

All AV WG members should experience a ride in a Level 3/4 AV

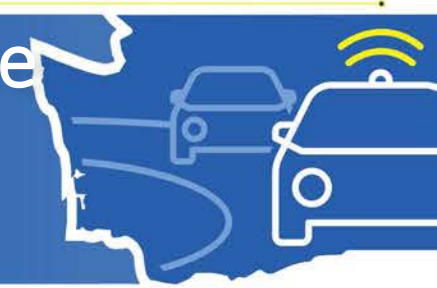
Workforce training and operator safety

What are the safety requirements for allowing deployment

Requirna that svstems only be able to

Roadmap to the Future – AV Work Group Executive Committee Feedback

Path to Deployment



What other activities should Washington State explore in the future to prepare for advancing the path to deployment of AVs on Washington public roads?

13 Answers

Legislative Caucus around AV's

Accessibility and affordability of AV service, and how they integrate with other transportation modes. Using trip data to verify if AVs are helping us meet our transportation goals

\$5 million liability coverage for a testing product seems appropriate. There should be discussions of

Parking and curbside management. For mobility as a service to work, vehicles need to know where they can drop off/pickup and where they can park when not being used.

Consumer data privacy issues

Cybersecurity standards

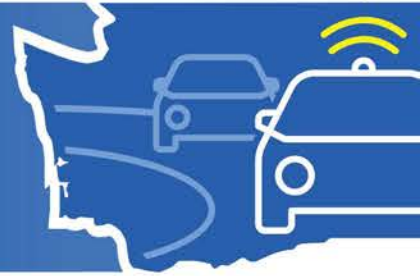
Revisit a pilot program

Updated analysis for other state/cities experiences with AV testing and deployment

The state legislature needs to authorize commercial deployment just like other states have done



August 22nd Work Group Meeting



- Review draft Roadmap deliverable
- Discuss alternative regulatory concepts for path to deployment
- Set expectations for final Work Group actions in October

2023 Schedule



- Mid-August - Draft Roadmap to Exec Committee
- August 22nd – Executive Committee Meeting
- Late September – Final Roadmap to Exec Committee
- October 4th – Executive Committee Meeting
 - » Final voting action on Roadmap
- October 17/18 – Debrief of WG with WSTC
- December 12/13 – WSTC Meeting
 - » Final Roadmap
 - » Final Report Outline

Potential Recommendations/Actions



- Revisit AV Pilot proposal
- Share other prior recommendations
- Forum/caucus for consideration of AV deployment legislation

Why Conduct an AV Pilot?



Logical next step to the AV Work Group process

An AV pilot would put efforts of the Work Group to the test in a real-world environment and serve as a culmination of lessons learned

Support Mandate to Prepare for AVs

Per the directive in current law to the WSTC and AV Work Group, a pilot will help inform the final legacy deliverable to the legislature in 2024

To allow stakeholders to:

- Gain hands-on exposure to AV technology
- Identify policy unique to Washington State needed for safe deployment
- Develop approaches to harness AV opportunities in an equitable manner



Support development and funding of an AV pilot program

Recommend the Legislature appoint a lead state agency and provide funding for an AV pilot program to further advance the mission of the AV Work Group

Recommendation endorsed by the AV Work Group Executive Committee on September 28, 2022

Additional 2022 Recommendations: Reintroducing Past Ideas



Six recommendations from previous years were not acted upon by the Legislature, so suggest reintroducing them in 2022 for Legislative consideration

- » These recommendations were endorsed by Executive Committee and Transportation Commission
- » Further actions to implement were not taken
- » Reintroducing today for consideration to move forward

Previously Endorsed Recommendations to Consider Further Action On

Source	Recommendation	Estimated Cost	Current Status
Safety Subcommittee	Requirement for a Law Enforcement/ First Responder Interaction Guide	Unknown	Originally included in SB5460. Removed from Substitute SB 5460 in March 2021.
Licensing Subcommittee	Amendment of RCW 46.92.010 to enable rulemaking by the Department of Licensing for the Self-Certification Program	Unknown	Originally included in SB5460. Removed from Substitute SB 5460 in March 2021. <i>In Sep. '22, DOL noted they understand industry concerns, do not intend to pursue further.</i>
Health and Equity Subcommittee	Conduct structured public outreach	\$30,000	No further action taken.
Health and Equity Subcommittee	Identification of testing locations	Unknown	No further action taken.
Infrastructure and Systems Subcommittee	Increased investment on enhanced roadway pavement markings	Unknown – requested to be included in ongoing investments to support	No further action taken.
Infrastructure and Systems Subcommittee	Support WSDOT’s work zone data initiative	Unknown – requested to be included in ongoing investments to support	No further action taken.



Forum/caucus for consideration of AV deployment legislation

- » Recent potential legislation not vetted through the Work Group and was not supported as a result
- » After Work Group sunset, need forum and framework for input on AV-related legislation:
 - Legislative caucus
 - Hearings including former Work Group EC membership
 - Evaluation of funding and staff resource requirements for public agencies to implement legislation

Thank You!



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